

No. Time Source Destination Protocol Length Info
2 0.000074523 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218394180
xacc (float): 1.813e-12
yacc (float): 4.38356e-08
zacc (float): 0
xgyro (float): -0.00951183
ygyro (float): 1.29415e-23
zgyro (float): 2.12673e+36
xmag (float): 6.75479e-15
ymag (float): 0
zmag (float): -2.83342e+22
abs_pressure (float): 1013.09
diff_pressure (float): 218.394
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x4a23

No. Time Source Destination Protocol Length Info
4 0.000176961 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 4: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89195984
xacc (float): 0.20129
yacc (float): 0.00507541
zacc (float): -9.79789
xgyro (float): 1.91705e+26
ygyro (float): 3.69362e+25
zgyro (float): 6.13985e+17
xmag (float): 0.243539
ymag (float): -0.00387644
zmag (float): 0.398553
abs_pressure (float): 101309
diff_pressure (float): -0.0962609
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xa919

No. Time Source Destination Protocol Length Info
6 0.000186965 127.0.0.1 127.0.0.1 MAVLink 2.0 63 HEARTBEAT
Frame 6: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (21)

Header

Payload: HEARTBEAT (0)

custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3

Message CRC: 0x9d9c

No. Time Source Destination Protocol Length Info
9 0.000214779 127.0.0.1 127.0.0.1 MAVLink 2.0 86 ALTITUDE
Frame 9: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (44)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 89205567
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x4ddd

No.	Time	Source	Destination	Protocol	Length	Info
12	0.000227523	127.0.0.1	127.0.0.1	MAVLink 2.0	56	EXTENDED_SYS_STATE

Frame 12: 56 bytes on wire (448 bits), 56 bytes captured (448 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (14)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x9ad7

No.	Time	Source	Destination	Protocol	Length	Info
13	0.000237741	127.0.0.1	127.0.0.1	MAVLink 2.0	97	GPS_RAW_INT

Frame 13: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (55)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 89065796
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 10
v_acc (uint32): 10
vel_acc (uint32): 250
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x402f

No.	Time	Source	Destination	Protocol	Length	Info
14	0.000250342	127.0.0.1	127.0.0.1	MAVLink 2.0	85	SYS_STATUS

Frame 14: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (43)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0

errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x575a

No.	Time	Source	Destination	Protocol	Length	Info
18	0.006512558	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 18: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 75, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218400482
xacc (float): 0.201187
yacc (float): 0.00503705
zacc (float): -9.79823
xgyro (float): -1.84194e-06
ygyro (float): 1.69023e-05
zgyro (float): -2.72674e-05
xmag (float): 0.244031
ymag (float): -0.00384944
zmag (float): 0.39812
abs_pressure (float): 4.59988e-13
diff_pressure (float): 0.000750586
pressure_alt (float): -2
temperature (float): -876
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0xec96

No.	Time	Source	Destination	Protocol	Length	Info
22	0.018339400	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 22: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 149, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218412521
xacc (float): 0.20118
yacc (float): 0.00502741
zacc (float): -9.7984
xgyro (float): -7.34327e-06
ygyro (float): 6.7475e-06
zgyro (float): -4.05982e-05
xmag (float): 0.243583
ymag (float): -0.00476076
zmag (float): 0.397847
abs_pressure (float): 0
diff_pressure (float): 218.413
pressure_alt (float): 3.68935e+19
temperature (float): -3.98358e+11
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xaef5

No.	Time	Source	Destination	Protocol	Length	Info
24	0.018452533	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 24: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 89223908000

Message CRC: 0x6b1a

No.	Time	Source	Destination	Protocol	Length	Info
26	0.018474786	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 26: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89211869
xacc (float): 0.100593
yacc (float): 0.00251863
zacc (float): -4.89911
xgyro (float): 3.60397e+26
ygyro (float): -1.46803e+28
zgyro (float): 1.06337e+36
xmag (float): 0.244031
ymag (float): -0.00384944
zmag (float): 0.39812
abs_pressure (float): 101309
diff_pressure (float): 0.0750586
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0xe3b5

No.	Time	Source	Destination	Protocol	Length	Info
28	0.018484609	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 28: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)
vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x5189

No.	Time	Source	Destination	Protocol	Length	Info
30	0.018493975	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 30: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)
onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x9b77

No.	Time	Source	Destination	Protocol	Length	Info
32	0.018502292	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 32: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): -0.396435
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0

heading (int16): 0
throttle (uint16): 0
Message CRC: 0xa0e6

No.	Time	Source	Destination	Protocol	Length	Info
34	0.018509457	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 34: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header
Payload: WIND_COV (231)
time_usec (uint64): 89195984
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xe37e

No.	Time	Source	Destination	Protocol	Length	Info
37	0.024718887	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 37: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 223, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 218418731
xacc (float): 0
yacc (float): -0.0413083
zacc (float): 0
xgyro (float): -3.35961
ygyro (float): 3.34821e-38
zgyro (float): -14701.9
xmag (float): -1.00168e-30
ymag (float): 0
zmag (float): -3.87741e-26
abs_pressure (float): 1013.09
diff_pressure (float): 218.419
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xf3b1

No.	Time	Source	Destination	Protocol	Length	Info
39	0.024870806	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 39: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header
Payload: ALTITUDE (141)
time_usec (uint64): 89230118
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xf255

No.	Time	Source	Destination	Protocol	Length	Info
44	0.030095945	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 44: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 297, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218424758
xacc (float): 0.201339
yacc (float): 0.00502643
zacc (float): -9.79802
xgyro (float): 5.45618e-06
ygyro (float): 8.49259e-06
zgyro (float): -2.95449e-05
xmag (float): 0.244032
ymag (float): -0.00405153
zmag (float): 0.399645
abs_pressure (float): 0
diff_pressure (float): 218.425
pressure_alt (float): -1.0842e-19
temperature (float): 8.14332e+27
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x60aa

No.	Time	Source	Destination	Protocol	Length	Info
48	0.041835809	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 48: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 371, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218436447
xacc (float): 0.201478
yacc (float): 0.00502281
zacc (float): -9.79774
xgyro (float): 2.777e-06
ygyro (float): 2.96392e-05
zgyro (float): -4.00283e-05
xmag (float): 0.2443
ymag (float): -0.00405351
zmag (float): 0.39835
abs_pressure (float): 0
diff_pressure (float): 218.436
pressure_alt (float): 3.68935e+19
temperature (float): -0.196777
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc22e

No.	Time	Source	Destination	Protocol	Length	Info
50	0.041960535	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 50: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89236145
xacc (float): 0.10067
yacc (float): -0.0181408
zacc (float): -4.89901
xgyro (float): -1.6798
ygyro (float): 0.000108439
zgyro (float): -7350.95
xmag (float): 0.244032
ymag (float): -0.00405154
zmag (float): 0.399645
abs_pressure (float): 101309
diff_pressure (float): 0.0750586
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xc572

No.	Time	Source	Destination	Protocol	Length	Info
53	0.048208387	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 53: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 445, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

- time_usec (uint64): 218442382
- xacc (float): 0
- yacc (float): -1.42033e+18
- zacc (float): 0
- xgyro (float): 0.0161689
- ygyro (float): -1.75824e+28
- zgyro (float): 1.84053e-29
- xmag (float): 1.34575e-26
- ymag (float): 0
- zmag (float): 2.95148e+20
- abs_pressure (float): 1013.09
- diff_pressure (float): 218.442
- pressure_alt (float): 1019.57
- temperature (float): 16.8871
- fields_updated (uint32): 6719
- id (uint8): 0

Message CRC: 0xb7e6

No.	Time	Source	Destination	Protocol	Length	Info
56	0.053591560	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 56: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 519, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

- time_usec (uint64): 218448272
- xacc (float): 0.201404
- yacc (float): 0.00503325
- zacc (float): -9.79774
- xgyro (float): -6.51436e-06
- ygyro (float): -2.19176e-06
- zgyro (float): -5.99899e-05
- xmag (float): 0.243341
- ymag (float): -0.00393533
- zmag (float): 0.398655
- abs_pressure (float): 0
- diff_pressure (float): 218.448
- pressure_alt (float): 2
- temperature (float): 7.89435e-19
- fields_updated (uint32): 511
- id (uint8): 0

Message CRC: 0x371f

No.	Time	Source	Destination	Protocol	Length	Info
58	0.053774847	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 58: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

- time_usec (uint64): 89253769
- xacc (float): 0.100739
- yacc (float): -7.10164e+17
- zacc (float): -1.23947e+10
- xgyro (float): -2.9789e+20
- ygyro (float): -8.7912e+27
- zgyro (float): -1.88687e+20
- xmag (float): 0.2443
- ymag (float): -0.00405351

zmag (float): 0.39835
abs_pressure (float): 101309
diff_pressure (float): 0.0750586
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xea00

No.	Time	Source	Destination	Protocol	Length	Info
62	0.065271662	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 62: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 593, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218459533
xacc (float): 0.201342
yacc (float): 0.00503767
zacc (float): -9.79771
xgyro (float): -1.34514e-05
ygyro (float): 4.04283e-05
zgyro (float): -4.42492e-05
xmag (float): 0.243474
ymag (float): -0.00368785
zmag (float): 0.398541
abs_pressure (float): 0
diff_pressure (float): 218.46
pressure_alt (float): -0
temperature (float): 1.86943e-22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x0805

No.	Time	Source	Destination	Protocol	Length	Info
63	0.065303826	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 63: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 667, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 218459533
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 25005

Message CRC: 0x8ef3

No.	Time	Source	Destination	Protocol	Length	Info
73	0.070596876	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 73: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 718, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218465454
xacc (float): 0
yacc (float): 3.95199e+22

zacc (float): 0
xgyro (float): 1.57514e+12
ygyro (float): -1.76556e+22
zgyro (float): 1.10985e-05
xmag (float): 0.642195
ymag (float): 0
zmag (float): -1.16624e+32
abs_pressure (float): 1013.09
diff_pressure (float): 218.465
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xf1e7

No.	Time	Source	Destination	Protocol	Length	Info
75	0.070778605	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 75: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 89270920
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x46fc

No.	Time	Source	Destination	Protocol	Length	Info
78	0.077058603	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 78: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 792, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218471099
xacc (float): 0.201313
yacc (float): 0.00504365
zacc (float): -9.79778
xgyro (float): 3.08332e-06
ygyro (float): 8.87327e-06
zgyro (float): -5.0764e-05
xmag (float): 0.243529
ymag (float): -0.00451899
zmag (float): 0.398316
abs_pressure (float): 0
diff_pressure (float): 218.471
pressure_alt (float): 2
temperature (float): 7.34223e+33
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1e52

No.	Time	Source	Destination	Protocol	Length	Info
80	0.077180913	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 80: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89276841
xacc (float): 0.100671
yacc (float): 1.97599e+22
zacc (float): 3.44876e+14
xgyro (float): -4.30978e+14
ygyro (float): -8.82778e+21
zgyro (float): -7.13742e+13
xmag (float): 0.243474
ymag (float): -0.00368786
zmag (float): 0.398541
abs_pressure (float): 101309
diff_pressure (float): 0.0750586
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xb4eb

No.	Time	Source	Destination	Protocol	Length	Info
84	0.087715331	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 84: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 866, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218482604
xacc (float): 0.20129
yacc (float): 0.00505316
zacc (float): -9.7978
xgyro (float): -1.22213e-06
ygyro (float): 2.13915e-05
zgyro (float): -3.68563e-05
xmag (float): 0.243808
ymag (float): -0.00339353
zmag (float): 0.397691
abs_pressure (float): 0
diff_pressure (float): 218.483
pressure_alt (float): -0
temperature (float): 8.65536e+15
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2946

No.	Time	Source	Destination	Protocol	Length	Info
89	0.094101648	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 89: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 940, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218488494
xacc (float): 0
yacc (float): 3.72162e+07
zacc (float): 0
xgyro (float): -9.07123e+17
ygyro (float): 4.79723e-08
zgyro (float): -1.49114e-33
xmag (float): -3.48826e+18
ymag (float): 0
zmag (float): 3.83681e-35
abs_pressure (float): 1013.09
diff_pressure (float): 218.488
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719

id (uint8): 0
Message CRC: 0xd57b

No.	Time	Source	Destination	Protocol	Length	Info
91	0.094233921	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 91: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 89293991
xacc (float): 0.201301
yacc (float): 0.00504858
zacc (float): -9.79779
xgyro (float): 1.81932e+14
ygyro (float): -51217.4
zgyro (float): 3.86451e+12
xmag (float): 0.243808
ymag (float): -0.00339353
zmag (float): 0.397691
abs_pressure (float): 101309
diff_pressure (float): 0.0750586
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x1809

No.	Time	Source	Destination	Protocol	Length	Info
94	0.099446434	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 94: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1014, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 218494171
xacc (float): 0.20127
yacc (float): 0.00506007
zacc (float): -9.79781
xgyro (float): -2.72702e-06
ygyro (float): 9.72419e-06
zgyro (float): -6.18197e-05
xmag (float): 0.24366
ymag (float): -0.0044507
zmag (float): 0.398204
abs_pressure (float): 0
diff_pressure (float): 218.494
pressure_alt (float): 2
temperature (float): -2.99513e-06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3a41

No.	Time	Source	Destination	Protocol	Length	Info
100	0.111177369	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 100: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1088, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 218505737
xacc (float): 0.201335
yacc (float): 0.00504441
zacc (float): -9.7979
xgyro (float): -8.77047e-06
ygyro (float): 1.62706e-05
zgyro (float): -5.57467e-05
xmag (float): 0.243703

ymag (float): -0.00459803
zmag (float): 0.398101
abs_pressure (float): 0
diff_pressure (float): 0.000228611
pressure_alt (float): 0
temperature (float): 9.84498e-28
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0xff75

No.	Time	Source	Destination	Protocol	Length	Info
102	0.111373432	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 102: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.350064
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x9985

No.	Time	Source	Destination	Protocol	Length	Info
104	0.111394182	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 104: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 89293991
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x65ea

No.	Time	Source	Destination	Protocol	Length	Info
107	0.116503510	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 107: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1162, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218511489
xacc (float): 1.52472e+09
yacc (float): -7.16568e+31
zacc (float): 0
xgyro (float): -2.22734e-36
ygyro (float): 1.05808e-27
zgyro (float): 4.37842e-16
xmag (float): -8.89533e-05
ymag (float): 0
zmag (float): -6.11048e+19
abs_pressure (float): 1013.09
diff_pressure (float): 218.511
pressure_alt (float): 1019.57
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xc939

No.	Time	Source	Destination	Protocol	Length	Info
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109 0.116633320 127.0.0.1 127.0.0.1 MAVLink 1.0 66 TIMESYNC
Frame 109: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header
Payload: TIMESYNC (111)
tc1 (int64): 0
ts1 (int64): 89322876000
Message CRC: 0x9ebf

No.	Time	Source	Destination	Protocol	Length	Info
111	0.116657709	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 111: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 89317124
xacc (float): 0.201303
yacc (float): 0.00505241
zacc (float): -9.79785
xgyro (float): -5.74875e-06
ygyro (float): -1.26132e+10
zgyro (float): -2.78889e+09
xmag (float): 0.24366
ymag (float): -0.0044507
zmag (float): 0.398204
abs_pressure (float): 101309
diff_pressure (float): 0.0228611
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0
Message CRC: 0x1a67

No.	Time	Source	Destination	Protocol	Length	Info
114	0.122938053	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 114: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1236, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 218517166
xacc (float): 0.201408
yacc (float): 0.00503222
zacc (float): -9.79799
xgyro (float): -2.6721e-05
ygyro (float): 2.70457e-06
zgyro (float): -5.32221e-05
xmag (float): 0.244018
ymag (float): -0.00396119
zmag (float): 0.398583
abs_pressure (float): 0
diff_pressure (float): 218.517
pressure_alt (float): -1.0842e-19
temperature (float): 2.23491e+17
fields_updated (uint32): 511
id (uint8): 0
Message CRC: 0xb2df

No.	Time	Source	Destination	Protocol	Length	Info
118	0.133592557	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 118: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1310, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218528442
xacc (float): 0.201404
yacc (float): 0.00502834
zacc (float): -9.79803
xgyro (float): -1.80607e-05
ygyro (float): 3.56355e-05
zgyro (float): -5.89816e-05
xmag (float): 0.243957
ymag (float): -0.00373758
zmag (float): 0.398474
abs_pressure (float): 0
diff_pressure (float): 218.528
pressure_alt (float): 0
temperature (float): 1.2423e+32
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x331a

No.	Time	Source	Destination	Protocol	Length	Info
120	0.133729632	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 120: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89328553
xacc (float): 7.6236e+08
yacc (float): -3.58284e+31
zacc (float): -6.25324e+23
xgyro (float): -1.33605e-05
ygyro (float): 1.35228e-06
zgyro (float): -2.66111e-05
xmag (float): 0.244018
ymag (float): -0.00396119
zmag (float): 0.398583
abs_pressure (float): 101309
diff_pressure (float): 0.0228611
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xa2d1

No.	Time	Source	Destination	Protocol	Length	Info
122	0.133750855	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 122: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)
time_usec (uint64): 89339829
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xb51b

No.	Time	Source	Destination	Protocol	Length	Info
125	0.140027208	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 125: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1384, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218534179

xacc (float): -0.0120151
yacc (float): 3.56581e-17
zacc (float): 0
xgyro (float): 6.40809e-28
ygyro (float): 3.17033e-11
zgyro (float): -4.48521e+30
xmag (float): -94842.1
ymag (float): 0
zmag (float): -1.12847e-36
abs_pressure (float): 1013.09
diff_pressure (float): 218.534
pressure_alt (float): 1019.57
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x991c

No.	Time	Source	Destination	Protocol	Length	Info
132	0.145390782	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 132: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1458, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218540039
xacc (float): 0.201347
yacc (float): 0.00502424
zacc (float): -9.79811
xgyro (float): -2.60384e-05
ygyro (float): 3.48631e-05
zgyro (float): -7.73851e-05
xmag (float): 0.243702
ymag (float): -0.00374406
zmag (float): 0.39866
abs_pressure (float): 0
diff_pressure (float): 218.54
pressure_alt (float): 0
temperature (float): 1.97215e-30
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xa24e

No.	Time	Source	Destination	Protocol	Length	Info
136	0.157158998	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 136: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1532, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218551574
xacc (float): 0.201267
yacc (float): 0.00501422
zacc (float): -9.79815
xgyro (float): -4.47066e-06
ygyro (float): 2.50003e-05
zgyro (float): -5.47105e-05
xmag (float): 0.244069
ymag (float): -0.00368717
zmag (float): 0.398825
abs_pressure (float): 0
diff_pressure (float): 218.552
pressure_alt (float): -0
temperature (float): 1.33014e-11
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4dde

No.	Time	Source	Destination	Protocol	Length	Info
138	0.157335622	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 138: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89351426
xacc (float): 0.0946661
yacc (float): 0.0025122
zacc (float): -4.89906
xgyro (float): -4.14096e+20
ygyro (float): 4.34175e+22
zgyro (float): -2.2426e+30
xmag (float): 0.243702
ymag (float): -0.00374407
zmag (float): 0.39866
abs_pressure (float): 101309
diff_pressure (float): 0.0228611
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x4fb6

No.	Time	Source	Destination	Protocol	Length	Info
141	0.162480813	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 141: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1606, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218557250
xacc (float): 3.44977e+14
yacc (float): -20708.8
zacc (float): 0
xgyro (float): 1.22144e-21
ygyro (float): 3.26404e-14
zgyro (float): 4.30368e-20
xmag (float): -2.86419e-08
ymag (float): 0
zmag (float): -5.00222e-12
abs_pressure (float): 1013.09
diff_pressure (float): 218.557
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xeba3

No.	Time	Source	Destination	Protocol	Length	Info
145	0.162688722	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 145: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.350064
groundspeed (float): 0
alt (float): 1.3193
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x40bb

No.	Time	Source	Destination	Protocol	Length	Info
147	0.168876073	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 147: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1680, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218562850
xacc (float): 0.201193
yacc (float): 0.00500369
zacc (float): -9.79819
xgyro (float): 1.23862e-05
ygyro (float): 1.34959e-05
zgyro (float): -7.07889e-05
xmag (float): 0.244203
ymag (float): -0.00429094
zmag (float): 0.398546
abs_pressure (float): 0
diff_pressure (float): 218.563
pressure_alt (float): -3.68935e+19
temperature (float): 7408
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xbe02

No.	Time	Source	Destination	Protocol	Length	Info
151	0.179581258	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 151: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1754, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218574478
xacc (float): 0.201099
yacc (float): 0.00497281
zacc (float): -9.79828
xgyro (float): 2.22791e-05
ygyro (float): 1.06033e-05
zgyro (float): -6.56007e-05
xmag (float): 0.243447
ymag (float): -0.00414442
zmag (float): 0.398363
abs_pressure (float): 0
diff_pressure (float): 218.574
pressure_alt (float): 1.0842e-19
temperature (float): 6.76634e-22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6524

No.	Time	Source	Destination	Protocol	Length	Info
155	0.179741280	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 155: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89374237
xacc (float): 1.72488e+14
yacc (float): -10354.4
zacc (float): -4.89928
xgyro (float): 6.19312e-06
ygyro (float): 6.74797e-06
zgyro (float): -3.53944e-05
xmag (float): 0.244203
ymag (float): -0.00429095
zmag (float): 0.398546
abs_pressure (float): 101309
diff_pressure (float): 0.0228611
pressure_alt (float): 1.3193
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xa96d

No.	Time	Source	Destination	Protocol	Length	Info
158	0.185925534	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 158: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1828, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218580368
xacc (float): -1.1173e-36
yacc (float): -0.000212423
zacc (float): 0
xgyro (float): -1.57748e-37
ygyro (float): 2.49849e+18
zgyro (float): -2.29237e-24
xmag (float): 6.96016e+13
ymag (float): 0
zmag (float): 1.98523e-23
abs_pressure (float): 1013.09
diff_pressure (float): 218.58
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x1c29

No.	Time	Source	Destination	Protocol	Length	Info
165	0.192316034	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 165: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1902, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218586486
xacc (float): 0.201026
yacc (float): 0.00493887
zacc (float): -9.79828
xgyro (float): 2.95881e-05
ygyro (float): 1.77478e-05
zgyro (float): -5.53762e-05
xmag (float): 0.244072
ymag (float): -0.00456477
zmag (float): 0.398205
abs_pressure (float): 0
diff_pressure (float): 218.586
pressure_alt (float): -0
temperature (float): -6.26707e+27
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf6d6

No.	Time	Source	Destination	Protocol	Length	Info
175	0.204096568	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 175: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 1976, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218598464
xacc (float): 0.200976
yacc (float): 0.00490388
zacc (float): -9.7983
xgyro (float): 8.27291e-06
ygyro (float): 1.85198e-05
zgyro (float): -6.62886e-05
xmag (float): 0.24397
ymag (float): -0.00455519

zmag (float): 0.398313
abs_pressure (float): 0
diff_pressure (float): 218.598
pressure_alt (float): -1.0842e-19
temperature (float): -8.76111e-38
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x18ae

No.	Time	Source	Destination	Protocol	Length	Info
177	0.204249398	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 177: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89397873
xacc (float): 0.100513
yacc (float): 0.00236331
zacc (float): -4.89914
xgyro (float): 3.13468e+09
ygyro (float): 1.24925e+18
zgyro (float): 1.95626e+10
xmag (float): 0.243447
ymag (float): -0.00414443
zmag (float): 0.398363
abs_pressure (float): 101309
diff_pressure (float): 0.0228611
pressure_alt (float): 1.3193
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x3f73

No.	Time	Source	Destination	Protocol	Length	Info
182	0.209420034	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 182: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2050, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218604232
xacc (float): -3.8853e-37
yacc (float): 1.39947e-34
zacc (float): 0
xgyro (float): -0.102892
ygyro (float): -2.37828e+28
zgyro (float): -5.18583e-17
xmag (float): 4.16066e+08
ymag (float): 0
zmag (float): 3.69779e-30
abs_pressure (float): 1013.09
diff_pressure (float): 218.604
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x440d

No.	Time	Source	Destination	Protocol	Length	Info
186	0.209586276	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 186: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.193195
groundspeed (float): 0

alt (float): 1.3193
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xd15e

No.	Time	Source	Destination	Protocol	Length	Info
188	0.209620641	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 188: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 89391755
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x175d

No.	Time	Source	Destination	Protocol	Length	Info
191	0.214761827	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 191: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2124, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218609909
xacc (float): 0.200956
yacc (float): 0.00486704
zacc (float): -9.7983
xgyro (float): 2.62722e-05
ygyro (float): 2.74681e-05
zgyro (float): -4.86047e-05
xmag (float): 0.243911
ymag (float): -0.00366624
zmag (float): 0.398717
abs_pressure (float): 0
diff_pressure (float): -0.0011692
pressure_alt (float): 3.68935e+19
temperature (float): -4.76015e+25
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x529e

No.	Time	Source	Destination	Protocol	Length	Info
193	0.214864247	127.0.0.1	127.0.0.1	MAVLink 1.0	59	HEARTBEAT

Frame 193: 59 bytes on wire (472 bits), 59 bytes captured (472 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (17)

Header

Payload: HEARTBEAT (0)
custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3

Message CRC: 0xd266

No.	Time	Source	Destination	Protocol	Length	Info
195	0.214907602	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 195: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0

ts1 (int64): 89421296000

Message CRC: 0x7083

No.	Time	Source	Destination	Protocol	Length	Info
197	0.214930779	127.0.0.1	127.0.0.1	MAVLink 1.0	83	COMMAND_LONG

Frame 197: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (41)

Header

Payload: COMMAND_LONG (76)

param1 (float): 0

param2 (float): 0

param3 (float): 0

param4 (float): 0

param5 (float): 0

param6 (float): 0

param7 (float): 0

command (uint16): 200

target_system (uint8): 0

target_component (uint8): 0

confirmation (uint8): 0

Message CRC: 0x2f9f

No.	Time	Source	Destination	Protocol	Length	Info
199	0.214948346	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 199: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0

landed_state (uint8): 1

Message CRC: 0x2be0

No.	Time	Source	Destination	Protocol	Length	Info
201	0.214965090	127.0.0.1	127.0.0.1	MAVLink 1.0	64	PING

Frame 201: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (22)

Header

Payload: PING (4)

time_usec (uint64): 89421296

seq (uint32): 88

target_system (uint8): 0

target_component (uint8): 0

Message CRC: 0xe29b

No.	Time	Source	Destination	Protocol	Length	Info
203	0.214982337	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 203: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532669

onboard_control_sensors_enabled (uint32): 270598207

onboard_control_sensors_health (uint32): 2097181

load (uint16): 0

voltage_battery (uint16): 16200

current_battery (int16): -100

drop_rate_comm (uint16): 0

errors_comm (uint16): 0

errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x7aca

No.	Time	Source	Destination	Protocol	Length	Info
205	0.214998262	127.0.0.1	127.0.0.1	MAVLink 1.0	62	SYSTEM_TIME

Frame 205: 62 bytes on wire (496 bits), 62 bytes captured (496 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (20)

Header

Payload: SYSTEM_TIME (2)

time_unix_usec (uint64): 1647986457855033
time_boot_ms (uint32): 89421

Message CRC: 0x4640

No.	Time	Source	Destination	Protocol	Length	Info
209	0.226584465	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 209: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2198, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218621154
xacc (float): 0.200813
yacc (float): 0.00476377
zacc (float): -9.79894
xgyro (float): -1.2373e-06
ygyro (float): 1.19579e-05
zgyro (float): -5.70303e-05
xmag (float): 0.244263
ymag (float): -0.00383809
zmag (float): 0.39806
abs_pressure (float): 0
diff_pressure (float): 218.621
pressure_alt (float): -0
temperature (float): -4672
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1cee

No.	Time	Source	Destination	Protocol	Length	Info
211	0.226731689	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 211: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89421296
xacc (float): 0.100478
yacc (float): 0.00243361
zacc (float): -4.89915
xgyro (float): -5.05386e+19
ygyro (float): -1.18914e+28
zgyro (float): -1.56128e+20
xmag (float): 0.243911
ymag (float): -0.00366624
zmag (float): 0.398717
abs_pressure (float): 101309
diff_pressure (float): -0.11692
pressure_alt (float): 1.3193
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0xa619

No.	Time	Source	Destination	Protocol	Length	Info
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213 0.226764547 127.0.0.1 127.0.0.1 MAVLink 1.0 82 ALTITUDE
Frame 213: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 89432541
altitude_monotonic (float): 1.3193
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x7296

No.	Time	Source	Destination	Protocol	Length	Info
216	0.231884002	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 216: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2272, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218626632
xacc (float): 0
yacc (float): 9.35132e+18
zacc (float): 0
xgyro (float): 2.68213e-29
ygyro (float): 1.64259e+20
zgyro (float): -1.07837e-29
xmag (float): 0
ymag (float): 0
zmag (float): -2.3669e+30
abs_pressure (float): 1013.09
diff_pressure (float): 218.627
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xaeec

No.	Time	Source	Destination	Protocol	Length	Info
219	0.237250190	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 219: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2346, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218632110
xacc (float): 0.200935
yacc (float): 0.00459033
zacc (float): -9.79926
xgyro (float): 2.72888e-05
ygyro (float): 1.27175e-05
zgyro (float): -3.04622e-05
xmag (float): 0.243968
ymag (float): -0.00288134
zmag (float): 0.398473
abs_pressure (float): 0
diff_pressure (float): 218.632
pressure_alt (float): 2
temperature (float): 7.97137e+17
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xcfcfcd

No.	Time	Source	Destination	Protocol	Length	Info
227	0.249010342	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 227: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2420, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218643508
xacc (float): 0.201165
yacc (float): 0.00446786
zacc (float): -9.79879
xgyro (float): -5.86902e-06
ygyro (float): 2.15409e-05
zgyro (float): -2.83051e-05
xmag (float): 0.243432
ymag (float): -0.00425716
zmag (float): 0.39899
abs_pressure (float): 0
diff_pressure (float): 218.644
pressure_alt (float): -1.0842e-19
temperature (float): 3.18099e+25
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1211

No.	Time	Source	Destination	Protocol	Length	Info
230	0.249162811	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 230: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89443497
xacc (float): 0.100467
yacc (float): 4.67566e+18
zacc (float): 8.16056e+10
xgyro (float): 4.98048e+11
ygyro (float): 8.21296e+19
zgyro (float): 8.98678e+11
xmag (float): 0.243968
ymag (float): -0.00288135
zmag (float): 0.398473
abs_pressure (float): 101309
diff_pressure (float): -0.11692
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x5427

No.	Time	Source	Destination	Protocol	Length	Info
234	0.254354793	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 234: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2494, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218649353
xacc (float): 3.7347e-34
yacc (float): -2.04066e+24
zacc (float): 0
xgyro (float): -5.73369e+11
ygyro (float): 1.04745e+37
zgyro (float): 8.17888e+17
xmag (float): -1.12573e+35
ymag (float): 0
zmag (float): -14336
abs_pressure (float): 1013.09
diff_pressure (float): 218.649
pressure_alt (float): 1019.57

temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x4036

No.	Time	Source	Destination	Protocol	Length	Info
237	0.259691817	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 237: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2568, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218655090
xacc (float): 0.201313
yacc (float): 0.00440072
zacc (float): -9.79843
xgyro (float): -2.21952e-05
ygyro (float): -2.07505e-05
zgyro (float): -3.12282e-05
xmag (float): 0.243847
ymag (float): -0.00378421
zmag (float): 0.398526
abs_pressure (float): 0
diff_pressure (float): 218.655
pressure_alt (float): -0
temperature (float): -2.50876e+22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xa35f

No.	Time	Source	Destination	Protocol	Length	Info
239	0.260156403	127.0.0.1	127.0.0.1	MAVLink 2.0	63	HEARTBEAT

Frame 239: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14550, Dst Port: 18570
MAVLink Protocol (21)

Header

Payload: HEARTBEAT (0)

custom_mode (uint32): 0
type (uint8): 6
autopilot (uint8): 8
base_mode (uint8): 192
system_status (uint8): 4
mavlink_version (uint8): 3

Message CRC: 0x82a8

No.	Time	Source	Destination	Protocol	Length	Info
241	0.266151926	127.0.0.1	127.0.0.1	MAVLink 2.0	115	HIL_GPS

Frame 241: 115 bytes on wire (920 bits), 115 bytes captured (920 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2642, Ack: 1, Len: 49
MAVLink Protocol (49)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 218660583
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 0

Message CRC: 0x828c

No. Time Source Destination Protocol Length Info
246 0.272576162 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 246: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2691, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218666564
xacc (float): 0.201382
yacc (float): 0.00436984
zacc (float): -9.7981
xgyro (float): -2.88695e-05
ygyro (float): 5.58364e-06
zgyro (float): -2.35485e-05
xmag (float): 0.244129
ymag (float): -0.00324263
zmag (float): 0.398292
abs_pressure (float): 0
diff_pressure (float): 218.667
pressure_alt (float): -0
temperature (float): -5.44075e-33
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xbf29

No. Time Source Destination Protocol Length Info
249 0.272761861 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 249: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89466477
xacc (float): 0.100656
yacc (float): -1.02033e+24
zacc (float): -1.78081e+16
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243847
ymag (float): -0.00378421
zmag (float): 0.398526
abs_pressure (float): 101309
diff_pressure (float): -0.11692
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xb7ff

No. Time Source Destination Protocol Length Info
252 0.272797089 127.0.0.1 127.0.0.1 MAVLink 1.0 80 GPS_RAW_INT
Frame 252: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 89466477
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8

alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x1b6f

No.	Time	Source	Destination	Protocol	Length	Info
255	0.277943300	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 255: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2765, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218672592
xacc (float): -7.6897e+18
yacc (float): nan
zacc (float): 0
xgyro (float): 3.95846e-34
ygyro (float): 1.7713e+28
zgyro (float): 5.92785e-09
xmag (float): 1.43381e+06
ymag (float): 0
zmag (float): -0.0015564
abs_pressure (float): 1013.09
diff_pressure (float): 218.673
pressure_alt (float): 1019.57
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x847b

No.	Time	Source	Destination	Protocol	Length	Info
258	0.284295600	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 258: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2839, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218678344
xacc (float): 0.201403
yacc (float): 0.0043611
zacc (float): -9.79787
xgyro (float): -2.6154e-05
ygyro (float): 3.22688e-08
zgyro (float): -3.18564e-05
xmag (float): 0.244551
ymag (float): -0.00342156
zmag (float): 0.39823
abs_pressure (float): 0
diff_pressure (float): 218.678
pressure_alt (float): 0
temperature (float): -1.92482e-28
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x645b

No.	Time	Source	Destination	Protocol	Length	Info
261	0.284453412	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 261: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89483979
xacc (float): nan
yacc (float): nan

zacc (float): nan
xgyro (float): 2.31932e+20
ygyro (float): 8.85648e+27
zgyro (float): -6.16402e+19
xmag (float): 0.244129
ymag (float): -0.00324263
zmag (float): 0.398292
abs_pressure (float): 101309
diff_pressure (float): -0.11692
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x7c65

No.	Time	Source	Destination	Protocol	Length	Info
266	0.295012864	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 266: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2913, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218690200
xacc (float): 0.201421
yacc (float): 0.0043726
zacc (float): -9.79773
xgyro (float): -3.87855e-05
ygyro (float): -2.54233e-05
zgyro (float): -2.19985e-05
xmag (float): 0.244004
ymag (float): -0.00454459
zmag (float): 0.39845
abs_pressure (float): 0
diff_pressure (float): 218.69
pressure_alt (float): 1.0842e-19
temperature (float): 4.55475e-09
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7678

No.	Time	Source	Destination	Protocol	Length	Info
269	0.301475976	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 269: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 2987, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218695785
xacc (float): -2156.68
yacc (float): 2.26127e-07
zacc (float): 0
xgyro (float): 1.99266e+37
ygyro (float): 1.56608e+21
zgyro (float): -9.68556e+36
xmag (float): 36.0829
ymag (float): 0
zmag (float): -0.222656
abs_pressure (float): 1013.09
diff_pressure (float): 218.696
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xdbb8

No.	Time	Source	Destination	Protocol	Length	Info
272	0.306885334	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 272: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3061, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218701690
xacc (float): 0.201542
yacc (float): 0.00441693
zacc (float): -9.79764
xgyro (float): -6.72904e-05
ygyro (float): -5.84605e-06
zgyro (float): -2.18602e-05
xmag (float): 0.243315
ymag (float): -0.00453399
zmag (float): 0.398633
abs_pressure (float): 0
diff_pressure (float): 218.702
pressure_alt (float): 2
temperature (float): -2.7508e+32
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x69be

No.	Time	Source	Destination	Protocol	Length	Info
274	0.307047711	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 274: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89507172
xacc (float): -1078.24
yacc (float): 0.0021865
zacc (float): -4.89886
xgyro (float): 9.9633e+36
ygyro (float): -3.35901e+29
zgyro (float): -4.84278e+36
xmag (float): 0.244004
ymag (float): -0.00454459
zmag (float): 0.39845
abs_pressure (float): 101309
diff_pressure (float): -0.11692
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xd55c

No.	Time	Source	Destination	Protocol	Length	Info
278	0.318627211	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 278: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3135, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218712982
xacc (float): 0.201628
yacc (float): 0.00446903
zacc (float): -9.79759
xgyro (float): -2.43798e-05
ygyro (float): -2.12288e-05
zgyro (float): -3.83436e-06
xmag (float): 0.243565
ymag (float): -0.00441039
zmag (float): 0.398691
abs_pressure (float): 9.09591e-26
diff_pressure (float): -0.00139729
pressure_alt (float): -2
temperature (float): 3.11218e-12
fields_updated (uint32): 1535

```
id (uint8): 0
Message CRC: 0x416c
No.      Time           Source           Destination      Protocol Length Info
 280 0.318770816 127.0.0.1       127.0.0.1       MAVLink 1.0 66    TIMESYNC
Frame 280: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)
  Header
  Payload: TIMESYNC (111)
    tc1 (int64): 0
    ts1 (int64): 89524369000
  Message CRC: 0xf09b
No.      Time           Source           Destination      Protocol Length Info
 282 0.318817336 127.0.0.1       127.0.0.1       MAVLink 1.0 70    VFR_HUD
Frame 282: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)
  Header
  Payload: VFR_HUD (74)
    airspeed (float): -0.43691
    groundspeed (float): 0
    alt (float): 1.32399
    climb (float): 0
    heading (int16): 0
    throttle (uint16): 0
  Message CRC: 0x0e02
No.      Time           Source           Destination      Protocol Length Info
 284 0.318837142 127.0.0.1       127.0.0.1       MAVLink 1.0 90    WIND_COV
Frame 284: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)
  Header
  Payload: WIND_COV (231)
    time_usec (uint64): 89501587
    wind_x (float): 0
    wind_y (float): 0
    wind_z (float): 0
    var_horiz (float): 0
    var_vert (float): 0
    wind_alt (float): nan
    horiz_accuracy (float): 0
    vert_accuracy (float): 0
  Message CRC: 0xce3a
No.      Time           Source           Destination      Protocol Length Info
 287 0.323938502 127.0.0.1       127.0.0.1       MAVLink 2.0 140   HIL_SENSOR
Frame 287: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3209, Ack: 1, Len: 74
MAVLink Protocol (74)
  Header
  Payload: HIL_SENSOR (107)
    time_usec (uint64): 218718582
    xacc (float): 0
    yacc (float): -1.42033e+18
    zacc (float): 0
    xgyro (float): -2.7075e+17
    ygyro (float): -3.9592e+17
    zgyro (float): -7.06574e+06
    xmag (float): -3.8628e-26
    ymag (float): 0
    zmag (float): 1.03846e+34
    abs_pressure (float): 1013.09
    diff_pressure (float): 218.719
    pressure_alt (float): 1019.57
```

temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x941e

No.	Time	Source	Destination	Protocol	Length	Info
289	0.324025485	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 289: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89524369
xacc (float): 0.201585
yacc (float): 0.00444315
zacc (float): -9.79762
xgyro (float): -3.22604e+28
ygyro (float): 1.72215e+29
zgyro (float): -6.63709e+28
xmag (float): 0.243565
ymag (float): -0.0044104
zmag (float): 0.398691
abs_pressure (float): 101309
diff_pressure (float): -0.139729
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x2b17

No.	Time	Source	Destination	Protocol	Length	Info
293	0.324049974	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 293: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)
time_usec (uint64): 89529969
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x9839

No.	Time	Source	Destination	Protocol	Length	Info
298	0.329288266	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 298: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3283, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218724182
xacc (float): 0.201687
yacc (float): 0.00452453
zacc (float): -9.79758
xgyro (float): -5.85198e-05
ygyro (float): -2.29878e-05
zgyro (float): -5.90659e-06
xmag (float): 0.243886
ymag (float): -0.00421854
zmag (float): 0.397948
abs_pressure (float): 0
diff_pressure (float): 218.724
pressure_alt (float): -0
temperature (float): -2.75691e-12
fields_updated (uint32): 511

id (uint8): 0
Message CRC: 0x6102

No.	Time	Source	Destination	Protocol	Length	Info
306	0.341099515	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 306: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3357, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 218735366
xacc (float): 0.201724
yacc (float): 0.00458065
zacc (float): -9.79758
xgyro (float): -4.89623e-05
ygyro (float): -3.71223e-05
zgyro (float): -4.61066e-07
xmag (float): 0.243714
ymag (float): -0.00456186
zmag (float): 0.398462
abs_pressure (float): 0
diff_pressure (float): 218.735
pressure_alt (float): 1.0842e-19
temperature (float): 1.01381e-30
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf315

No.	Time	Source	Destination	Protocol	Length	Info
309	0.346406623	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 309: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3431, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 218741043
xacc (float): 7.347e-28
yacc (float): -5.02176e+26
zacc (float): 0
xgyro (float): -1.22046e+14
ygyro (float): -1.55883e-31
zgyro (float): -7.90549e-28
xmag (float): 0
ymag (float): 0
zmag (float): -3.62048e-29
abs_pressure (float): 1013.09
diff_pressure (float): 218.741
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x7f59

No.	Time	Source	Destination	Protocol	Length	Info
312	0.346525005	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 312: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 89546753
xacc (float): 0.201706
yacc (float): 0.00455276
zacc (float): -9.79758
xgyro (float): 2.94126e+08
ygyro (float): -2.01138e+08
zgyro (float): -3.06595e+09
xmag (float): 0.243714

ymag (float): -0.00456186
zmag (float): 0.398462
abs_pressure (float): 101309
diff_pressure (float): -0.139729
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x66c2

No.	Time	Source	Destination	Protocol	Length	Info
316	0.351755499	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 316: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3505, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218746643
xacc (float): 0.201745
yacc (float): 0.00463937
zacc (float): -9.79756
xgyro (float): -4.17653e-05
ygyro (float): -3.47489e-05
zgyro (float): -8.04166e-06
xmag (float): 0.243676
ymag (float): -0.00401773
zmag (float): 0.398517
abs_pressure (float): 0
diff_pressure (float): 218.747
pressure_alt (float): -0
temperature (float): 5.6205e-16
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5243

No.	Time	Source	Destination	Protocol	Length	Info
320	0.363487201	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 320: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3579, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218758056
xacc (float): 0.201765
yacc (float): 0.00468894
zacc (float): -9.79761
xgyro (float): -4.4246e-05
ygyro (float): -1.16908e-05
zgyro (float): -1.0477e-05
xmag (float): 0.243213
ymag (float): -0.00378116
zmag (float): 0.398714
abs_pressure (float): 0
diff_pressure (float): 218.758
pressure_alt (float): 0
temperature (float): 5.36871e+10
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xff14

No.	Time	Source	Destination	Protocol	Length	Info
322	0.363599235	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 322: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89558030

xacc (float): 0.100873
yacc (float): -2.51088e+26
zacc (float): -4.38232e+18
xgyro (float): -6.10229e+13
ygyro (float): -109422
zgyro (float): -34258
xmag (float): 0.243676
ymag (float): -0.00401773
zmag (float): 0.398517
abs_pressure (float): 101309
diff_pressure (float): -0.139729
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xe86b

No.	Time	Source	Destination	Protocol	Length	Info
327	0.368833024	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 327: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3653, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218763442
xacc (float): 0
yacc (float): -6.75945e-24
zacc (float): 0
xgyro (float): 6.40842e+36
ygyro (float): -2.30025e+13
zgyro (float): 3.67741e-36
xmag (float): -3.05147e+28
ymag (float): 0
zmag (float): 4.92581e+14
abs_pressure (float): 1013.09
diff_pressure (float): 218.763
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xf391

No.	Time	Source	Destination	Protocol	Length	Info
330	0.377403479	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 330: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3727, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218769149
xacc (float): 0.201773
yacc (float): 0.00473772
zacc (float): -9.79768
xgyro (float): -5.33046e-05
ygyro (float): -2.5698e-05
zgyro (float): 5.06032e-06
xmag (float): 0.24409
ymag (float): -0.00393935
zmag (float): 0.398255
abs_pressure (float): 0
diff_pressure (float): 218.769
pressure_alt (float): -3.68935e+19
temperature (float): -1.49019e+36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7836

No.	Time	Source	Destination	Protocol	Length	Info
338	0.395671665	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 338: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3801, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218788558
xacc (float): 0.201896
yacc (float): 0.00484584
zacc (float): -9.79801
xgyro (float): -6.22481e-05
ygyro (float): -2.11302e-05
zgyro (float): 1.0209e-05
xmag (float): 0.24396
ymag (float): -0.00385402
zmag (float): 0.398891
abs_pressure (float): 1013.09
diff_pressure (float): 218.789
pressure_alt (float): 1019.58
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x83bc

No.	Time	Source	Destination	Protocol	Length	Info
340	0.395817861	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 340: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89580536
xacc (float): 0.100887
yacc (float): 0.00236895
zacc (float): -4.89884
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.24409
ymag (float): -0.00393936
zmag (float): 0.398255
abs_pressure (float): 101309
diff_pressure (float): -0.139729
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x4220

No.	Time	Source	Destination	Protocol	Length	Info
346	0.407458155	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 346: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3875, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218802505
xacc (float): 0.201948
yacc (float): 0.00499983
zacc (float): -9.79788
xgyro (float): -5.35191e-05
ygyro (float): -6.89991e-06
zgyro (float): -7.91852e-07
xmag (float): 0.244568
ymag (float): -0.00449142
zmag (float): 0.399537
abs_pressure (float): 0
diff_pressure (float): 218.803
pressure_alt (float): 1.0842e-19

temperature (float): -1.5935e-27
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x0846

No.	Time	Source	Destination	Protocol	Length	Info
352	0.418135072	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 352: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 3949, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218813400
xacc (float): 0.201913
yacc (float): 0.00510339
zacc (float): -9.79762
xgyro (float): -4.34023e-05
ygyro (float): -1.41542e-05
zgyro (float): -2.11231e-06
xmag (float): 0.243679
ymag (float): -0.0035552
zmag (float): 0.398623
abs_pressure (float): 1013.09
diff_pressure (float): 0.00108188
pressure_alt (float): 1019.58
temperature (float): 16.8871
fields_updated (uint32): 8191
id (uint8): 0

Message CRC: 0x7d9b

No.	Time	Source	Destination	Protocol	Length	Info
354	0.418314552	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 354: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 89624787000

Message CRC: 0x6bbf

No.	Time	Source	Destination	Protocol	Length	Info
356	0.418366691	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 356: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89613892
xacc (float): 0.201922
yacc (float): 0.004923
zacc (float): -9.79794
xgyro (float): -5.78836e-05
ygyro (float): -1.4015e-05
zgyro (float): 4.70857e-06
xmag (float): 0.24396
ymag (float): -0.00385403
zmag (float): 0.398891
abs_pressure (float): 101309
diff_pressure (float): -0.139729
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xed13

No.	Time	Source	Destination	Protocol	Length	Info
357	0.418378748	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 357: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.477629
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xf8c8

No.	Time	Source	Destination	Protocol	Length	Info
359	0.418403293	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 359: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x0d09

No.	Time	Source	Destination	Protocol	Length	Info
361	0.418429745	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 361: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532669
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 2097181
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x6f2b

No.	Time	Source	Destination	Protocol	Length	Info
363	0.418453918	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 363: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.477629
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x7056

No.	Time	Source	Destination	Protocol	Length	Info
365	0.418474841	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 365: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 89599945
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xddef

No.	Time	Source	Destination	Protocol	Length	Info
369	0.428781863	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 369: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4023, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218823806
xacc (float): 0.20177
yacc (float): 0.00526931
zacc (float): -9.79704
xgyro (float): -2.92735e-05
ygyro (float): -1.24674e-05
zgyro (float): 1.30434e-05
xmag (float): 0.244017
ymag (float): -0.00371199
zmag (float): 0.398633
abs_pressure (float): 0
diff_pressure (float): 218.824
pressure_alt (float): -1.0842e-19
temperature (float): -2.23476e+37
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x69ea

No.	Time	Source	Destination	Protocol	Length	Info
371	0.428895109	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 371: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 89635193
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x7601

No.	Time	Source	Destination	Protocol	Length	Info
375	0.439546898	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 375: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4097, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218834167
xacc (float): 0.201453
yacc (float): 0.00555881
zacc (float): -9.79572
xgyro (float): -3.57678e-05
ygyro (float): 2.97942e-06
zgyro (float): -1.3073e-05

xmag (float): 0.243526
ymag (float): -0.00360703
zmag (float): 0.398459
abs_pressure (float): 1013.09
diff_pressure (float): 218.834
pressure_alt (float): 1019.58
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x55f1

No.	Time	Source	Destination	Protocol	Length	Info
377	0.439664109	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 377: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89635193
xacc (float): 0.201841
yacc (float): 0.00518652
zacc (float): -9.79733
xgyro (float): -3.63379e-05
ygyro (float): -1.33108e-05
zgyro (float): 5.46555e-06
xmag (float): 0.244017
ymag (float): -0.00371199
zmag (float): 0.398633
abs_pressure (float): 101309
diff_pressure (float): 0.108188
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x9efc

No.	Time	Source	Destination	Protocol	Length	Info
383	0.449172464	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 383: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4171, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218844757
xacc (float): 0.200575
yacc (float): 0.00562451
zacc (float): -9.79772
xgyro (float): -1.39429e-06
ygyro (float): 3.25891e-05
zgyro (float): 5.04982e-07
xmag (float): 0.243663
ymag (float): -0.00405391
zmag (float): 0.3984
abs_pressure (float): 0
diff_pressure (float): 218.845
pressure_alt (float): 2
temperature (float): -1.50102e-13
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe673

No.	Time	Source	Destination	Protocol	Length	Info
387	0.459911752	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 387: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4245, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218855255
xacc (float): 0.200568
yacc (float): 0.00551778
zacc (float): -9.79765
xgyro (float): -9.13978e-06
ygyro (float): -3.90465e-06
zgyro (float): 1.21338e-05
xmag (float): 0.243838
ymag (float): -0.00342522
zmag (float): 0.397869
abs_pressure (float): 1013.09
diff_pressure (float): 218.855
pressure_alt (float): 1019.58
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xad47

No.	Time	Source	Destination	Protocol	Length	Info
389	0.460016315	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 389: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89656144
xacc (float): 0.201014
yacc (float): 0.00559183
zacc (float): -9.79672
xgyro (float): -1.8581e-05
ygyro (float): 1.77842e-05
zgyro (float): -6.28399e-06
xmag (float): 0.243663
ymag (float): -0.00405392
zmag (float): 0.3984
abs_pressure (float): 101309
diff_pressure (float): 0.108188
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x5d2b

No.	Time	Source	Destination	Protocol	Length	Info
395	0.470672112	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 395: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4319, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218865402
xacc (float): 0.200961
yacc (float): 0.0054716
zacc (float): -9.7959
xgyro (float): -1.49845e-05
ygyro (float): 1.42507e-05
zgyro (float): 1.72606e-06
xmag (float): 0.244053
ymag (float): -0.00420284
zmag (float): 0.399015
abs_pressure (float): 0
diff_pressure (float): 218.865
pressure_alt (float): 3.68935e+19
temperature (float): -7.65344e+31
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6b98

No.	Time	Source	Destination	Protocol	Length	Info
396	0.470707974	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 396: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4393, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 218865402
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 31589

Message CRC: 0x62e5

No.	Time	Source	Destination	Protocol	Length	Info
405	0.480232293	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 405: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4444, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218875732
xacc (float): 0.200215
yacc (float): 0.00545455
zacc (float): -9.79691
xgyro (float): 9.2216e-06
ygyro (float): 2.18863e-05
zgyro (float): 2.52386e-07
xmag (float): 0.243482
ymag (float): -0.00390713
zmag (float): 0.398702
abs_pressure (float): 1013.09
diff_pressure (float): 218.876
pressure_alt (float): 1019.58
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xeb7a

No.	Time	Source	Destination	Protocol	Length	Info
407	0.480365852	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 407: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89676789
xacc (float): 0.200765
yacc (float): 0.00549486
zacc (float): -9.79677
xgyro (float): -1.20621e-05
ygyro (float): 5.17303e-06
zgyro (float): 6.92992e-06
xmag (float): 0.244053
ymag (float): -0.00420284
zmag (float): 0.399015
abs_pressure (float): 101309
diff_pressure (float): 0.108188
pressure_alt (float): 1.32399

temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x031a

No.	Time	Source	Destination	Protocol	Length	Info
409	0.480386616	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 409: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 89676789
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0xe5d9

No.	Time	Source	Destination	Protocol	Length	Info
413	0.490943237	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 413: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4518, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218886108
xacc (float): 0.199982
yacc (float): 0.00540628
zacc (float): -9.79718
xgyro (float): 3.31802e-05
ygyro (float): 2.54441e-05
zgyro (float): 1.49205e-05
xmag (float): 0.243569
ymag (float): -0.0041869
zmag (float): 0.398109
abs_pressure (float): 0
diff_pressure (float): 218.886
pressure_alt (float): 0
temperature (float): -9.72748e-05
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8b80

No.	Time	Source	Destination	Protocol	Length	Info
417	0.501677546	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 417: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4592, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218896621
xacc (float): 0.199827
yacc (float): 0.00541461
zacc (float): -9.79742
xgyro (float): 4.39352e-05
ygyro (float): 1.63106e-05

zgyro (float): -1.01562e-05
xmag (float): 0.244141
ymag (float): -0.0033686
zmag (float): 0.398631
abs_pressure (float): 1013.09
diff_pressure (float): 218.897
pressure_alt (float): 1019.58
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xd5d5

No.	Time	Source	Destination	Protocol	Length	Info
419	0.501868947	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 419: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89697495
xacc (float): 0.200098
yacc (float): 0.00543059
zacc (float): -9.79704
xgyro (float): 2.12009e-05
ygyro (float): 2.36652e-05
zgyro (float): 7.58646e-06
xmag (float): 0.243569
ymag (float): -0.0041869
zmag (float): 0.398109
abs_pressure (float): 101309
diff_pressure (float): 0.108188
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x509f

No.	Time	Source	Destination	Protocol	Length	Info
423	0.511473084	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 423: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4666, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218907058
xacc (float): 0.199706
yacc (float): 0.00543507
zacc (float): -9.79753
xgyro (float): 6.08958e-05
ygyro (float): 3.86781e-05
zgyro (float): -9.59499e-06
xmag (float): 0.243864
ymag (float): -0.00367635
zmag (float): 0.398997
abs_pressure (float): 0
diff_pressure (float): 218.907
pressure_alt (float): -1.0842e-19
temperature (float): 7.03928e+22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x9e67

No.	Time	Source	Destination	Protocol	Length	Info
426	0.511603024	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 426: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.420279
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xb07b

No.	Time	Source	Destination	Protocol	Length	Info
429	0.511633661	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 429: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 89697495
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xbe81

No.	Time	Source	Destination	Protocol	Length	Info
435	0.522169099	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 435: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4740, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218917495
xacc (float): 0.199608
yacc (float): 0.00544365
zacc (float): -9.79757
xgyro (float): 5.75974e-05
ygyro (float): 4.78447e-05
zgyro (float): 1.28955e-05
xmag (float): 0.243847
ymag (float): -0.00449063
zmag (float): 0.397994
abs_pressure (float): 1013.09
diff_pressure (float): -0.000641585
pressure_alt (float): 1019.58
temperature (float): 16.8871
fields_updated (uint32): 8191
id (uint8): 0

Message CRC: 0x3e71

No.	Time	Source	Destination	Protocol	Length	Info
437	0.522363306	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 437: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)
tc1 (int64): 0
ts1 (int64): 89728882000

Message CRC: 0xf2e7

No.	Time	Source	Destination	Protocol	Length	Info
439	0.522404993	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 439: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89728882
xacc (float): 0.199657
yacc (float): 0.00543953
zacc (float): -9.79755
xgyro (float): 5.92466e-05
ygyro (float): 4.32614e-05
zgyro (float): 1.65028e-06
xmag (float): 0.243847
ymag (float): -0.00449064
zmag (float): 0.397994
abs_pressure (float): 101309
diff_pressure (float): -0.0641585
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x58ae

No.	Time	Source	Destination	Protocol	Length	Info
441	0.522422799	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 441: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 89728882
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xfd38

No.	Time	Source	Destination	Protocol	Length	Info
445	0.532791413	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 445: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4814, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 218927810
xacc (float): 0.199531
yacc (float): 0.00543882
zacc (float): -9.7976
xgyro (float): 9.69861e-05
ygyro (float): 3.46231e-05
zgyro (float): -9.60032e-06
xmag (float): 0.243538
ymag (float): -0.0045126
zmag (float): 0.398993
abs_pressure (float): 0
diff_pressure (float): 218.928
pressure_alt (float): -1.0842e-19
temperature (float): -1.00857e-35
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3a03

No.	Time	Source	Destination	Protocol	Length	Info
451	0.543536173	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 451: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4888, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218938140
xacc (float): 0.199479
yacc (float): 0.00542154
zacc (float): -9.79765
xgyro (float): 7.93872e-05
ygyro (float): 3.34692e-05
zgyro (float): 3.65303e-06
xmag (float): 0.243702
ymag (float): -0.00376138
zmag (float): 0.398802
abs_pressure (float): 1013.09
diff_pressure (float): 218.938
pressure_alt (float): 1019.58
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xfe50

No.	Time	Source	Destination	Protocol	Length	Info
453	0.543685088	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 453: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89739197
xacc (float): 0.19957
yacc (float): 0.0054414
zacc (float): -9.79759
xgyro (float): 7.72917e-05
ygyro (float): 4.12339e-05
zgyro (float): 1.64761e-06
xmag (float): 0.243538
ymag (float): -0.00451261
zmag (float): 0.398993
abs_pressure (float): 101309
diff_pressure (float): -0.0641585
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xb423

No.	Time	Source	Destination	Protocol	Length	Info
459	0.553181833	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 459: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 4962, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218948684
xacc (float): 0.199528
yacc (float): 0.00540046
zacc (float): -9.79761
xgyro (float): 9.29953e-05
ygyro (float): 3.30979e-05
zgyro (float): -1.52746e-05
xmag (float): 0.243552
ymag (float): -0.00372022
zmag (float): 0.398846
abs_pressure (float): 0
diff_pressure (float): 218.949
pressure_alt (float): -1.0842e-19
temperature (float): -1.17098e-23
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x0330

No.	Time	Source	Destination	Protocol	Length	Info
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461 0.553411135 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 461: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89749527
xacc (float): 0.199505
yacc (float): 0.00543035
zacc (float): -9.79763
xgyro (float): 8.81866e-05
ygyro (float): 3.40462e-05
zgyro (float): -2.97364e-06
xmag (float): 0.243538
ymag (float): -0.00451261
zmag (float): 0.398993
abs_pressure (float): 101309
diff_pressure (float): -0.0641585
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 63
id (uint8): 0

Message CRC: 0x0b75

No.	Time	Source	Destination	Protocol	Length	Info
465	0.563842282	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 465: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5036, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218958908
xacc (float): 0.19959
yacc (float): 0.00536685
zacc (float): -9.79742
xgyro (float): 9.98214e-05
ygyro (float): 4.79099e-05
zgyro (float): 5.66136e-06
xmag (float): 0.243327
ymag (float): -0.00423114
zmag (float): 0.398698
abs_pressure (float): 1013.09
diff_pressure (float): 218.959
pressure_alt (float): 1019.58
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x1fe5

No.	Time	Source	Destination	Protocol	Length	Info
473	0.573532805	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 473: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5110, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218968978
xacc (float): 0.199606
yacc (float): 0.00533421
zacc (float): -9.79732
xgyro (float): 0.000139152
ygyro (float): 4.51403e-05
zgyro (float): 2.33278e-06
xmag (float): 0.243688
ymag (float): -0.00381619
zmag (float): 0.398572
abs_pressure (float): 0

diff_pressure (float): 218.969
pressure_alt (float): -3.68935e+19
temperature (float): 3.39138e-16
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd825

No.	Time	Source	Destination	Protocol	Length	Info
475	0.573757382	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 475: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89770295
xacc (float): 0.199559
yacc (float): 0.00538383
zacc (float): -9.79751
xgyro (float): 9.64083e-05
ygyro (float): 4.05039e-05
zgyro (float): -4.80664e-06
xmag (float): 0.243327
ymag (float): -0.00423115
zmag (float): 0.398698
abs_pressure (float): 101309
diff_pressure (float): -0.0641585
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x8ee0

No.	Time	Source	Destination	Protocol	Length	Info
479	0.584177512	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 479: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5184, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218979049
xacc (float): 0.199607
yacc (float): 0.00529513
zacc (float): -9.79727
xgyro (float): 0.000137231
ygyro (float): 3.45386e-05
zgyro (float): -1.02071e-05
xmag (float): 0.244351
ymag (float): -0.00351577
zmag (float): 0.398655
abs_pressure (float): 1013.09
diff_pressure (float): 218.979
pressure_alt (float): 1019.58
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xc055

No.	Time	Source	Destination	Protocol	Length	Info
485	0.593849961	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 485: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5258, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218989318
xacc (float): 0.199607
yacc (float): 0.00525146
zacc (float): -9.79728

xgyro (float): 0.000158617
ygyro (float): 3.88381e-05
zgyro (float): -1.06473e-05
xmag (float): 0.243929
ymag (float): -0.00415012
zmag (float): 0.398341
abs_pressure (float): 0
diff_pressure (float): 218.989
pressure_alt (float): -0
temperature (float): 1.09701e-30
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5c47

No.	Time	Source	Destination	Protocol	Length	Info
487	0.594078841	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 487: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89790436
xacc (float): 0.199607
yacc (float): 0.00531484
zacc (float): -9.7973
xgyro (float): 0.000138192
ygyro (float): 3.98394e-05
zgyro (float): -3.93716e-06
xmag (float): 0.244351
ymag (float): -0.00351578
zmag (float): 0.398655
abs_pressure (float): 101309
diff_pressure (float): -0.0641585
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xe215

No.	Time	Source	Destination	Protocol	Length	Info
493	0.603499319	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 493: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5332, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 218999282
xacc (float): 1.08682e-25
yacc (float): 2.48002e+17
zacc (float): 0
xgyro (float): -1.01808e+33
ygyro (float): -23.3796
zgyro (float): -1.29181e+09
xmag (float): -4.7654e-13
ymag (float): 0
zmag (float): -2.55795e-12
abs_pressure (float): 1013.09
diff_pressure (float): 218.999
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xbd9d

No.	Time	Source	Destination	Protocol	Length	Info
498	0.609868980	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 498: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5406, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219004348
xacc (float): 0.199652
yacc (float): 0.00516364
zacc (float): -9.79731
xgyro (float): 0.000186825
ygyro (float): 4.76167e-05
zgyro (float): -1.76604e-05
xmag (float): 0.243992
ymag (float): -0.00394985
zmag (float): 0.398397
abs_pressure (float): 0
diff_pressure (float): 219.004
pressure_alt (float): -1.0842e-19
temperature (float): 8.46993e+34
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7a7a

No.	Time	Source	Destination	Protocol	Length	Info
500	0.610049256	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 500: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.323649
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xf122

No.	Time	Source	Destination	Protocol	Length	Info
502	0.610085281	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 502: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 89800705
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xeab1

No.	Time	Source	Destination	Protocol	Length	Info
506	0.619518752	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 506: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5480, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219015014
xacc (float): 0.199755
yacc (float): 0.00507967
zacc (float): -9.79745
xgyro (float): 0.00018668
ygyro (float): 5.46265e-05
zgyro (float): -2.23668e-05

xmag (float): 0.243754
ymag (float): -0.00413341
zmag (float): 0.398823
abs_pressure (float): 0
diff_pressure (float): 219.015
pressure_alt (float): 0
temperature (float): -2.1391e+08
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb1e1

No.	Time	Source	Destination	Protocol	Length	Info
510	0.619698355	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 510: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 89826401000

Message CRC: 0x514d

No.	Time	Source	Destination	Protocol	Length	Info
512	0.619741000	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 512: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89826401
xacc (float): 0.199703
yacc (float): 0.00512183
zacc (float): -9.79738
xgyro (float): 13.94
ygyro (float): -4.30092e+24
zgyro (float): -1.0986e+25
xmag (float): 0.243754
ymag (float): -0.00413342
zmag (float): 0.398823
abs_pressure (float): 101309
diff_pressure (float): -0.0641585
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xd0c3

No.	Time	Source	Destination	Protocol	Length	Info
514	0.619761703	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 514: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0xf9f9

No.	Time	Source	Destination	Protocol	Length	Info
516	0.619780851	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 516: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532669
onboard_control_sensors_enabled (uint32): 270598207

onboard_control_sensors_health (uint32): 2097181
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x4d9c

No.	Time	Source	Destination	Protocol	Length	Info
519	0.624781129	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 519: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5554, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219020309
xacc (float): 6.63211e+33
yacc (float): 0.000122315
zacc (float): 0
xgyro (float): 2.95875e-15
ygyro (float): 3.93694e+11
zgyro (float): 9.88764e+23
xmag (float): 1.8858e-06
ymag (float): 0
zmag (float): -3.15544e-29
abs_pressure (float): 1013.09
diff_pressure (float): -0.000771756
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7743
id (uint8): 0

Message CRC: 0xf2c0

No.	Time	Source	Destination	Protocol	Length	Info
521	0.624898284	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 521: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 89831696
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xe294

No.	Time	Source	Destination	Protocol	Length	Info
524	0.630146327	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 524: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5628, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219025344
xacc (float): 0.199853
yacc (float): 0.00500849
zacc (float): -9.79755
xgyro (float): 0.000183676
ygyro (float): 3.73467e-05
zgyro (float): -5.51616e-06

xmag (float): 0.243531
ymag (float): -0.0042519
zmag (float): 0.398733
abs_pressure (float): 0
diff_pressure (float): 219.025
pressure_alt (float): -1.0842e-19
temperature (float): -6.55705e-38
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc0b2

No.	Time	Source	Destination	Protocol	Length	Info
528	0.640764818	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 528: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5702, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219035842
xacc (float): 0.199949
yacc (float): 0.00494572
zacc (float): -9.79762
xgyro (float): 0.000209427
ygyro (float): 3.57131e-05
zgyro (float): -1.37207e-05
xmag (float): 0.243951
ymag (float): -0.00399532
zmag (float): 0.397981
abs_pressure (float): 0
diff_pressure (float): 219.036
pressure_alt (float): -1.0842e-19
temperature (float): -1.9043e-35
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4eae

No.	Time	Source	Destination	Protocol	Length	Info
530	0.640939083	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 530: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89836731
xacc (float): 3.31606e+33
yacc (float): 0.00256549
zacc (float): -4.89877
xgyro (float): 9.18382e-05
ygyro (float): -8.95598e+15
zgyro (float): 4.94382e+23
xmag (float): 0.243531
ymag (float): -0.0042519
zmag (float): 0.398733
abs_pressure (float): 101309
diff_pressure (float): -0.0771756
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x3a20

No.	Time	Source	Destination	Protocol	Length	Info
533	0.646130006	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 533: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5776, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219041091
xacc (float): 3.78093e+15
yacc (float): -9.11677e-10
zacc (float): 0
xgyro (float): -1.39597e+20
ygyro (float): 4.76053e-08
zgyro (float): 8.9222e+15
xmag (float): 876.578
ymag (float): 0
zmag (float): -7.13053e+29
abs_pressure (float): 1013.09
diff_pressure (float): 219.041
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x065a

No.	Time	Source	Destination	Protocol	Length	Info
536	0.651450095	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 536: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5850, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219046310
xacc (float): 0.200043
yacc (float): 0.00488895
zacc (float): -9.79768
xgyro (float): 0.000202873
ygyro (float): 3.272e-05
zgyro (float): -1.79535e-06
xmag (float): 0.243543
ymag (float): -0.00439262
zmag (float): 0.398009
abs_pressure (float): 0
diff_pressure (float): 219.046
pressure_alt (float): 3.68935e+19
temperature (float): 1.14033e+08
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8a1c

No.	Time	Source	Destination	Protocol	Length	Info
540	0.661046029	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 540: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5924, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219056533
xacc (float): 0.200139
yacc (float): 0.00483616
zacc (float): -9.79774
xgyro (float): 0.000209697
ygyro (float): 4.93267e-05
zgyro (float): -8.99725e-06
xmag (float): 0.243329
ymag (float): -0.00389161
zmag (float): 0.398473
abs_pressure (float): 0
diff_pressure (float): 219.057
pressure_alt (float): 1.0842e-19
temperature (float): 1.14042e-12
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2f5d

No.	Time	Source	Destination	Protocol	Length	Info
543	0.661190622	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 543: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.323649
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x4290

No.	Time	Source	Destination	Protocol	Length	Info
544	0.661190812	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 544: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89857697
xacc (float): 1.89046e+15
yacc (float): 0.00244456
zacc (float): -4.89884
xgyro (float): -6.97986e+19
ygyro (float): -7.78617e+07
zgyro (float): 4.46115e+15
xmag (float): 0.243543
ymag (float): -0.00439263
zmag (float): 0.398009
abs_pressure (float): 101309
diff_pressure (float): -0.0771756
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x1061

No.	Time	Source	Destination	Protocol	Length	Info
550	0.669617795	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 550: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 5998, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219061538
xacc (float): -1.2473e-33
yacc (float): -3.99559e+27
zacc (float): 0
xgyro (float): 9.97832e-25
ygyro (float): 225.841
zgyro (float): nan
xmag (float): -1.49968e+13
ymag (float): 0
zmag (float): -1.54284e-38
abs_pressure (float): 1013.09
diff_pressure (float): 219.062
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x81fd

No.	Time	Source	Destination	Protocol	Length	Info
553	0.681482474	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 553: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6072, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219070434
xacc (float): 0.20023
yacc (float): 0.00476544
zacc (float): -9.79782
xgyro (float): 0.000228176
ygyro (float): 4.19632e-05
zgyro (float): -2.80632e-05
xmag (float): 0.244003
ymag (float): -0.00413647
zmag (float): 0.398534
abs_pressure (float): 0
diff_pressure (float): 219.07
pressure_alt (float): 0
temperature (float): -2624
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x62d8

No.	Time	Source	Destination	Protocol	Length	Info
554	0.681521572	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 554: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6146, Ack: 1, Len: 51

MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 219070434
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 28482

Message CRC: 0xfd92

No.	Time	Source	Destination	Protocol	Length	Info
556	0.681719387	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 556: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89872925
xacc (float): 0.10007
yacc (float): -1.9978e+27
zacc (float): -3.48681e+19
xgyro (float): nan
ygyro (float): nan
zgyro (float): nan
xmag (float): 0.243329
ymag (float): -0.00389162
zmag (float): 0.398473
abs_pressure (float): 101309
diff_pressure (float): -0.0771756
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xc976

No.	Time	Source	Destination	Protocol	Length	Info
558	0.681761352	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 558: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 89881821
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
epf (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x5b7b

No.	Time	Source	Destination	Protocol	Length	Info
561	0.690052646	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 561: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6197, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219081985
xacc (float): 0.200298
yacc (float): 0.00469483
zacc (float): -9.79786
xgyro (float): 0.000235206
ygyro (float): 1.90053e-05
zgyro (float): -1.42277e-05
xmag (float): 0.24319
ymag (float): -0.003909
zmag (float): 0.398753
abs_pressure (float): 1013.09
diff_pressure (float): 219.082
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x92f7

No.	Time	Source	Destination	Protocol	Length	Info
567	0.703950578	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 567: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6271, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219096572
xacc (float): 0.200457
yacc (float): 0.00459133
zacc (float): -9.79792
xgyro (float): 0.000236958
ygyro (float): 1.79735e-05
zgyro (float): 1.14897e-07
xmag (float): 0.243526
ymag (float): -0.00420432

zmag (float): 0.397689
abs_pressure (float): 0
diff_pressure (float): 219.097
pressure_alt (float): 1.0842e-19
temperature (float): -1.2494e+35
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xde53

No.	Time	Source	Destination	Protocol	Length	Info
570	0.704114936	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 570: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89893372
xacc (float): 0.200264
yacc (float): 0.00473031
zacc (float): -9.79784
xgyro (float): nan
ygyro (float): nan
zgyro (float): nan
xmag (float): 0.24319
ymag (float): -0.00390901
zmag (float): 0.398753
abs_pressure (float): 101309
diff_pressure (float): -0.0771756
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x0ae8

No.	Time	Source	Destination	Protocol	Length	Info
580	0.710358365	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 580: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6345, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219104904
xacc (float): -2.34345e+20
yacc (float): -2.92584e-21
zacc (float): 0
xgyro (float): -3.88932e+28
ygyro (float): -1.2221e-05
zgyro (float): 8.88246e-07
xmag (float): -6.34822e+11
ymag (float): 0
zmag (float): 4.21874e+33
abs_pressure (float): 1013.09
diff_pressure (float): 219.105
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x74ad

No.	Time	Source	Destination	Protocol	Length	Info
582	0.710569048	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 582: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): -0.354966
groundspeed (float): 0

alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x05c3

No.	Time	Source	Destination	Protocol	Length	Info
584	0.710604408	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 584: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 89893372
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x2952

No.	Time	Source	Destination	Protocol	Length	Info
587	0.715880568	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 587: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6419, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219110244
xacc (float): 0.200629
yacc (float): 0.00450268
zacc (float): -9.79798
xgyro (float): 0.000251573
ygyro (float): 1.66612e-05
zgyro (float): 2.80748e-06
xmag (float): 0.243398
ymag (float): -0.00410353
zmag (float): 0.398645
abs_pressure (float): 0
diff_pressure (float): 219.11
pressure_alt (float): 1.0842e-19
temperature (float): -1.05267e+06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xba75

No.	Time	Source	Destination	Protocol	Length	Info
589	0.716016701	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 589: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)
tc1 (int64): 0
ts1 (int64): 89921631000

Message CRC: 0xbf53

No.	Time	Source	Destination	Protocol	Length	Info
593	0.716054713	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 593: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89916291
xacc (float): -1.17172e+20
yacc (float): 0.00229575
zacc (float): -4.89896
xgyro (float): -1.94466e+28
ygyro (float): 1.66806e+20
zgyro (float): 4.37071e+20
xmag (float): 0.243526
ymag (float): -0.00420433
zmag (float): 0.397689
abs_pressure (float): 101309
diff_pressure (float): -0.0771756
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xbd18

No.	Time	Source	Destination	Protocol	Length	Info
595	0.716074626	127.0.0.1	127.0.0.1	MAVLink 1.0	83	COMMAND_LONG

Frame 595: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (41)

Header

Payload: COMMAND_LONG (76)

param1 (float): 0
param2 (float): 0
param3 (float): 0
param4 (float): 0
param5 (float): 0
param6 (float): 0
param7 (float): 0
command (uint16): 200
target_system (uint8): 0
target_component (uint8): 0
confirmation (uint8): 0

Message CRC: 0x5268

No.	Time	Source	Destination	Protocol	Length	Info
599	0.726442345	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 599: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6493, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219121185
xacc (float): 0.200781
yacc (float): 0.00443862
zacc (float): -9.79803
xgyro (float): 0.00025524
ygyro (float): 2.76554e-05
zgyro (float): 1.76467e-05
xmag (float): 0.243344
ymag (float): -0.00450889
zmag (float): 0.398298
abs_pressure (float): 0
diff_pressure (float): 0.00060745
pressure_alt (float): -2
temperature (float): 77.5
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0xd461

No.	Time	Source	Destination	Protocol	Length	Info
601	0.726574057	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 601: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 89932572
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xb532

No.	Time	Source	Destination	Protocol	Length	Info
604	0.731703822	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 604: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6567, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219126449
xacc (float): 1.89231e-20
yacc (float): -3.19595e-23
zacc (float): 0
xgyro (float): -15.9004
ygyro (float): 8.50905e+35
zgyro (float): 6.04663
xmag (float): 2.65527e-27
ymag (float): 0
zmag (float): -8.86757e-12
abs_pressure (float): 1013.09
diff_pressure (float): 219.126
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xd593

No.	Time	Source	Destination	Protocol	Length	Info
609	0.736013601	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 609: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6641, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219131591
xacc (float): 0.200946
yacc (float): 0.00436506
zacc (float): -9.79803
xgyro (float): 0.000253431
ygyro (float): 2.67717e-05
zgyro (float): -4.32643e-07
xmag (float): 0.243225
ymag (float): -0.00388119
zmag (float): 0.398977
abs_pressure (float): 0
diff_pressure (float): 219.132
pressure_alt (float): 0
temperature (float): -1.49884e-29
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5b34

No.	Time	Source	Destination	Protocol	Length	Info
611	0.736155669	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 611: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 89937836
xacc (float): 0.10039
yacc (float): 0.00221939
zacc (float): -4.89901
xgyro (float): -3.96715e+27
ygyro (float): 4.25453e+35
zgyro (float): 1.05723e+29
xmag (float): 0.243344
ymag (float): -0.0045089
zmag (float): 0.398298
abs_pressure (float): 101309
diff_pressure (float): 0.060745
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x5101

No.	Time	Source	Destination	Protocol	Length	Info
615	0.746796154	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 615: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6715, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219141998
xacc (float): 0.201111
yacc (float): 0.00429331
zacc (float): -9.79808
xgyro (float): 0.000257393
ygyro (float): 2.42507e-05
zgyro (float): 6.11049e-06
xmag (float): 0.243794
ymag (float): -0.00368848
zmag (float): 0.398516
abs_pressure (float): 0
diff_pressure (float): 219.142
pressure_alt (float): 2
temperature (float): -3.35518e+17
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x645c

No.	Time	Source	Destination	Protocol	Length	Info
622	0.752144956	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 622: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6789, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219147125
xacc (float): 2.31943e+08
yacc (float): 1.57421e+24
zacc (float): 0
xgyro (float): 787.69
ygyro (float): -9.68779e-08
zgyro (float): 6.00584e+12
xmag (float): -3869.67
ymag (float): 0
zmag (float): 1.15449e+13
abs_pressure (float): 1013.09
diff_pressure (float): 219.147
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xd93c

No.	Time	Source	Destination	Protocol	Length	Info
625	0.756413696	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 625: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6863, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219152313
xacc (float): 0.20128
yacc (float): 0.00423411
zacc (float): -9.79809
xgyro (float): 0.000253621
ygyro (float): 4.2025e-06
zgyro (float): 2.66352e-05
xmag (float): 0.243859
ymag (float): -0.00358826
zmag (float): 0.399192
abs_pressure (float): 0
diff_pressure (float): 219.152
pressure_alt (float): -2
temperature (float): 4.89234e+30
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc7af

No.	Time	Source	Destination	Protocol	Length	Info
627	0.756530097	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 627: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89958512
xacc (float): 1.15971e+08
yacc (float): 7.87103e+23
zacc (float): 1.37375e+16
xgyro (float): 66832.1
ygyro (float): -717575
zgyro (float): 3.00292e+12
xmag (float): 0.243794
ymag (float): -0.00368849
zmag (float): 0.398516
abs_pressure (float): 101309
diff_pressure (float): 0.060745
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x70c0

No.	Time	Source	Destination	Protocol	Length	Info
631	0.767098954	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 631: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 6937, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219162460
xacc (float): 0.201444
yacc (float): 0.0041839
zacc (float): -9.79808
xgyro (float): 0.000279512
ygyro (float): 1.42567e-05
zgyro (float): 2.09034e-05
xmag (float): 0.243921
ymag (float): -0.00378891
zmag (float): 0.398717
abs_pressure (float): 0
diff_pressure (float): 219.162

pressure_alt (float): -3.68935e+19
temperature (float): -7.98702e-05
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5b2d

No.	Time	Source	Destination	Protocol	Length	Info
636	0.772469486	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 636: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7011, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219167434
xacc (float): 0
yacc (float): -1.15367e-17
zacc (float): 0
xgyro (float): -1.37491e-29
ygyro (float): -4.61415e-26
zgyro (float): -1.12182e+21
xmag (float): 13293.1
ymag (float): 0
zmag (float): -1.05013e-26
abs_pressure (float): 1013.09
diff_pressure (float): 219.167
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x3c71

No.	Time	Source	Destination	Protocol	Length	Info
639	0.777800556	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 639: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7085, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219172637
xacc (float): 0.201605
yacc (float): 0.00414283
zacc (float): -9.79809
xgyro (float): 0.000233828
ygyro (float): 1.24988e-05
zgyro (float): 1.01543e-05
xmag (float): 0.243336
ymag (float): -0.00406946
zmag (float): 0.399255
abs_pressure (float): 0
diff_pressure (float): 219.173
pressure_alt (float): 2
temperature (float): 0.00686646
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x9881

No.	Time	Source	Destination	Protocol	Length	Info
641	0.778030731	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 641: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89984024
xacc (float): 0.100802
yacc (float): 0.0020715
zacc (float): -4.89905
xgyro (float): -2.04346e+11

ygyro (float): 1.51005e+13
zgyro (float): -5.6091e+20
xmag (float): 0.243336
ymag (float): -0.00406947
zmag (float): 0.399255
abs_pressure (float): 101309
diff_pressure (float): 0.060745
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x30ad

No.	Time	Source	Destination	Protocol	Length	Info
645	0.788536455	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 645: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7159, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219183181
xacc (float): 0.201767
yacc (float): 0.0041078
zacc (float): -9.79811
xgyro (float): 0.000247546
ygyro (float): 7.01383e-06
zgyro (float): 3.19959e-05
xmag (float): 0.243501
ymag (float): -0.00428139
zmag (float): 0.398141
abs_pressure (float): 0
diff_pressure (float): 219.183
pressure_alt (float): -1.0842e-19
temperature (float): -2.22512e-22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc1ea

No.	Time	Source	Destination	Protocol	Length	Info
648	0.793860519	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 648: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7233, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219188400
xacc (float): 0.201767
yacc (float): 0.0041078
zacc (float): -9.79811
xgyro (float): 1.15394e-14
ygyro (float): -8.67461e-18
zgyro (float): 8.19276e-38
xmag (float): 0
ymag (float): 0
zmag (float): 5.88644e-13
abs_pressure (float): 1013.09
diff_pressure (float): 219.188
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xd498

No.	Time	Source	Destination	Protocol	Length	Info
650	0.794006211	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 650: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 89994568
xacc (float): 0.201686
yacc (float): 0.00412548
zacc (float): -9.7981
xgyro (float): 2.37275e+12
ygyro (float): -5.85353e+13
zgyro (float): -1.02163e+06
xmag (float): 0.243501
ymag (float): -0.00428139
zmag (float): 0.398141
abs_pressure (float): 101309
diff_pressure (float): 0.060745
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x306b

No.	Time	Source	Destination	Protocol	Length	Info
653	0.800264922	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 653: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7307, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219193847
xacc (float): 0.201961
yacc (float): 0.00411457
zacc (float): -9.79859
xgyro (float): 0.000247518
ygyro (float): -9.91876e-06
zgyro (float): 4.10372e-05
xmag (float): 0.243554
ymag (float): -0.00432149
zmag (float): 0.398455
abs_pressure (float): 0
diff_pressure (float): 219.194
pressure_alt (float): 0
temperature (float): -6.43729e+28
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x50e5

No.	Time	Source	Destination	Protocol	Length	Info
659	0.810973569	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 659: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7381, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219205871
xacc (float): 0.202144
yacc (float): 0.00415781
zacc (float): -9.79856
xgyro (float): 0.000217422
ygyro (float): -2.35557e-05
zgyro (float): 4.2755e-05
xmag (float): 0.244096
ymag (float): -0.00379851
zmag (float): 0.399288
abs_pressure (float): 0
diff_pressure (float): 219.206
pressure_alt (float): -0
temperature (float): -1.22498e+19
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xa20c

No. Time Source Destination Protocol Length Info
663 0.811159995 127.0.0.1 127.0.0.1 MAVLink 1.0 70 VFR_HUD
Frame 663: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.314921
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x49a3

No. Time Source Destination Protocol Length Info
665 0.811195660 127.0.0.1 127.0.0.1 MAVLink 1.0 90 WIND_COV
Frame 665: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 89994568
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x4f3e

No. Time Source Destination Protocol Length Info
668 0.816289791 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 668: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7455, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219210998
xacc (float): -1.4915e+21
yacc (float): -9.58399e-33
zacc (float): 0
xgyro (float): 9.96415e-39
ygyro (float): 83.0025
zgyro (float): 4.96896e-19
xmag (float): -9.15318e+27
ymag (float): 0
zmag (float): -5.16988e-26
abs_pressure (float): 1013.09
diff_pressure (float): 219.211
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xe0f4

No. Time Source Destination Protocol Length Info
670 0.816434253 127.0.0.1 127.0.0.1 MAVLink 1.0 66 TIMESYNC
Frame 670: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0

ts1 (int64): 90022385000

Message CRC: 0x8fa3

No. Time Source Destination Protocol Length Info
672 0.816470693 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 672: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90017258
xacc (float): 0.202053
yacc (float): 0.00413637
zacc (float): -9.79858
xgyro (float): 0.00023247
ygyro (float): -1.67372e-05
zgyro (float): 4.18961e-05
xmag (float): 0.244096
ymag (float): -0.00379852
zmag (float): 0.399288
abs_pressure (float): 101309
diff_pressure (float): 0.060745
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x80b3

No. Time Source Destination Protocol Length Info
674 0.816492303 127.0.0.1 127.0.0.1 MAVLink 1.0 52 EXTENDED_SYS_STATE
Frame 674: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x5d40

No. Time Source Destination Protocol Length Info
676 0.816511606 127.0.0.1 127.0.0.1 MAVLink 1.0 81 SYS_STATUS
Frame 676: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532669
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 2097181
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x155b

No. Time Source Destination Protocol Length Info
679 0.820592653 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 679: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7529, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219216323
xacc (float): 0.202303
yacc (float): 0.00420024
zacc (float): -9.7985
xgyro (float): 0.000242602
ygyro (float): 2.11254e-06
zgyro (float): 5.37231e-05
xmag (float): 0.244444
ymag (float): -0.00434317
zmag (float): 0.398455
abs_pressure (float): 0
diff_pressure (float): 219.216
pressure_alt (float): 1.0842e-19
temperature (float): -2.71586e-34
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2cd7

No.	Time	Source	Destination	Protocol	Length	Info
682	0.825953348	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 682: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7603, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219221313
xacc (float): 0.202303
yacc (float): 0.00420024
zacc (float): -9.7985
xgyro (float): 0.000242602
ygyro (float): 2.11254e-06
zgyro (float): 5.37231e-05
xmag (float): 0
ymag (float): -2.96239e+22
zmag (float): 5.61196e+27
abs_pressure (float): 0
diff_pressure (float): -0.000460726
pressure_alt (float): 0
temperature (float): -3.58526e-37
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0x6e87

No.	Time	Source	Destination	Protocol	Length	Info
684	0.826132925	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 684: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)
time_usec (uint64): 90032700
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xcd2

No.	Time	Source	Destination	Protocol	Length	Info
687	0.831531972	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 687: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7677, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219226455

xacc (float): 0.202456
yacc (float): 0.0042462
zacc (float): -9.79848
xgyro (float): 0.000222541
ygyro (float): -6.30679e-06
zgyro (float): 4.51136e-05
xmag (float): 0.24404
ymag (float): -0.00442877
zmag (float): 0.39917
abs_pressure (float): 0
diff_pressure (float): 219.226
pressure_alt (float): 1.0842e-19
temperature (float): -2.04182e-10
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xfe05

No.	Time	Source	Destination	Protocol	Length	Info
690	0.836776368	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 690: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7751, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219231338
xacc (float): 7.83708e+09
yacc (float): -1.79274e+18
zacc (float): 0
xgyro (float): 3.85409e+08
ygyro (float): -1.5437e-27
zgyro (float): 3.91986e-26
xmag (float): 3.29243e+35
ymag (float): 0
zmag (float): -4.65661e-08
abs_pressure (float): 1013.09
diff_pressure (float): 219.231
pressure_alt (float): 1019.55
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xc271

No.	Time	Source	Destination	Protocol	Length	Info
692	0.836918932	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 692: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90037842
xacc (float): 0.20238
yacc (float): 0.00422339
zacc (float): -9.79849
xgyro (float): 0.000232571
ygyro (float): -2.09712e-06
zgyro (float): 4.94183e-05
xmag (float): 0.24404
ymag (float): -0.00442878
zmag (float): 0.39917
abs_pressure (float): 101309
diff_pressure (float): -0.0460726
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x61e4

No.	Time	Source	Destination	Protocol	Length	Info
695	0.840891488	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 695: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7825, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219236587
xacc (float): 0.202606
yacc (float): 0.00429293
zacc (float): -9.79841
xgyro (float): 0.000233866
ygyro (float): -1.59941e-05
zgyro (float): 7.22079e-05
xmag (float): 0.243673
ymag (float): -0.00464531
zmag (float): 0.398962
abs_pressure (float): 0
diff_pressure (float): 219.237
pressure_alt (float): 1.0842e-19
temperature (float): -1.54481e+14
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xbcfe

No.	Time	Source	Destination	Protocol	Length	Info
701	0.851633591	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 701: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7899, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219246948
xacc (float): 0.202756
yacc (float): 0.00434124
zacc (float): -9.79839
xgyro (float): 0.000210119
ygyro (float): -1.23717e-05
zgyro (float): 6.43517e-05
xmag (float): 0.243699
ymag (float): -0.00370461
zmag (float): 0.398652
abs_pressure (float): 0
diff_pressure (float): 219.247
pressure_alt (float): 0
temperature (float): -258048
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xcc62

No.	Time	Source	Destination	Protocol	Length	Info
704	0.856972199	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 704: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 7973, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219251953
xacc (float): 0
yacc (float): 3.56581e-17
zacc (float): 0
xgyro (float): 3.2836e-17
ygyro (float): -3.49088e+33
zgyro (float): -1.78917e-22
xmag (float): 4.79982e-23
ymag (float): 0
zmag (float): -5.53402e+19
abs_pressure (float): 1013.09
diff_pressure (float): 219.252
pressure_alt (float): 1019.55

temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x2d9b

No.	Time	Source	Destination	Protocol	Length	Info
706	0.857106619	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 706: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90058335
xacc (float): 0.202681
yacc (float): 0.00431726
zacc (float): -9.7984
xgyro (float): 0.000221992
ygyro (float): -5.75547
zgyro (float): -1.19544
xmag (float): 0.243699
ymag (float): -0.00370462
zmag (float): 0.398652
abs_pressure (float): 101309
diff_pressure (float): -0.0460726
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xaabd

No.	Time	Source	Destination	Protocol	Length	Info
709	0.862378473	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 709: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8047, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219257110
xacc (float): 0.202911
yacc (float): 0.00437921
zacc (float): -9.79826
xgyro (float): 0.000199508
ygyro (float): -2.37531e-05
zgyro (float): 7.31345e-05
xmag (float): 0.243491
ymag (float): -0.00395136
zmag (float): 0.398595
abs_pressure (float): 0
diff_pressure (float): 219.257
pressure_alt (float): 2
temperature (float): 1.00613e-11
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xce97

No.	Time	Source	Destination	Protocol	Length	Info
715	0.872033767	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 715: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8121, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219267425

xacc (float): 0.203058
yacc (float): 0.00440815
zacc (float): -9.79815
xgyro (float): 0.000227891
ygyro (float): -2.08556e-05

zgyro (float): 7.33879e-05
xmag (float): 0.243724
ymag (float): -0.00422978
zmag (float): 0.399127
abs_pressure (float): 0
diff_pressure (float): 219.267
pressure_alt (float): -2
temperature (float): -147
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x9096

No.	Time	Source	Destination	Protocol	Length	Info
718	0.877373513	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 718: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8195, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219272827
xacc (float): 0
yacc (float): 1.61156e-19
zacc (float): 0
xgyro (float): -0.000657584
ygyro (float): 1.00703e-33
zgyro (float): 3.10378e-30
xmag (float): 7.908e-35
ymag (float): 0
zmag (float): -8.58993e+11
abs_pressure (float): 1013.09
diff_pressure (float): 219.273
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x1e19

No.	Time	Source	Destination	Protocol	Length	Info
719	0.877403048	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 719: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8269, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 219272827
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 11361

Message CRC: 0x0f25

No.	Time	Source	Destination	Protocol	Length	Info
722	0.877511056	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 722: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90078812
xacc (float): 0.202985
yacc (float): 0.00439385
zacc (float): -9.79821
xgyro (float): -5.49535e+25
ygyro (float): -2.7977e+18
zgyro (float): 1.60297e+26
xmag (float): 0.243724
ymag (float): -0.00422979
zmag (float): 0.399127
abs_pressure (float): 101309
diff_pressure (float): -0.0460726
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xcb4b

No.	Time	Source	Destination	Protocol	Length	Info
726	0.877565966	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 726: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 90084214
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
epf (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x04d9

No.	Time	Source	Destination	Protocol	Length	Info
731	0.882739824	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 731: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8320, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219278076
xacc (float): 0.203188
yacc (float): 0.00443059
zacc (float): -9.79802
xgyro (float): 0.000194801
ygyro (float): -5.54688e-06
zgyro (float): 7.26436e-05
xmag (float): 0.243159
ymag (float): -0.00418597
zmag (float): 0.398117
abs_pressure (float): 0
diff_pressure (float): 219.278
pressure_alt (float): 0
temperature (float): -1.7524e+34
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x095d

No.	Time	Source	Destination	Protocol	Length	Info
739	0.893399397	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 739: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8394, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219288665
xacc (float): 0.203299
yacc (float): 0.00444926
zacc (float): -9.79795
xgyro (float): 0.000183676
ygyro (float): -2.20549e-05
zgyro (float): 7.43043e-05
xmag (float): 0.243498
ymag (float): -0.00379809
zmag (float): 0.398289
abs_pressure (float): 0
diff_pressure (float): 219.289
pressure_alt (float): -2
temperature (float): -6.47269e-08
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd131

No.	Time	Source	Destination	Protocol	Length	Info
741	0.893598352	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 741: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90089463
xacc (float): 0.101594
yacc (float): 0.00221538
zacc (float): -4.89901
xgyro (float): -0.000231391
ygyro (float): -2.77344e-06
zgyro (float): 3.63218e-05
xmag (float): 0.243159
ymag (float): -0.00418597
zmag (float): 0.398117
abs_pressure (float): 101309
diff_pressure (float): -0.0460726
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xba3f

No.	Time	Source	Destination	Protocol	Length	Info
744	0.898720990	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 744: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8468, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219294143
xacc (float): -3.00131e-12
yacc (float): -1.56083e+12
zacc (float): 0
xgyro (float): -3.37277e-19
ygyro (float): -8.4057e+31
zgyro (float): 2.38293e+31
xmag (float): -4.43323e-15
ymag (float): 0
zmag (float): 9.24446e-33
abs_pressure (float): 1013.09
diff_pressure (float): 219.294

pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x55be

No.	Time	Source	Destination	Protocol	Length	Info
747	0.903994555	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 747: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8542, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219299240
xacc (float): 0.203393
yacc (float): 0.00447017
zacc (float): -9.79789
xgyro (float): 0.000174768
ygyro (float): -2.90559e-05
zgyro (float): 0.000100993
xmag (float): 0.244262
ymag (float): -0.00368244
zmag (float): 0.398423
abs_pressure (float): 0
diff_pressure (float): 219.299
pressure_alt (float): 3.68935e+19
temperature (float): 1.24487e+10
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4637

No.	Time	Source	Destination	Protocol	Length	Info
753	0.914655711	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 753: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8616, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219309906
xacc (float): 0.203473
yacc (float): 0.00448646
zacc (float): -9.79783
xgyro (float): 0.000184843
ygyro (float): -2.02121e-05
zgyro (float): 9.54483e-05
xmag (float): 0.243506
ymag (float): -0.00433129
zmag (float): 0.398309
abs_pressure (float): 0
diff_pressure (float): 219.31
pressure_alt (float): -2
temperature (float): -2.84061e-17
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xa789

No.	Time	Source	Destination	Protocol	Length	Info
755	0.914788820	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 755: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)
airspeed (float): -0.274264
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0

```
    throttle (uint16): 0
    Message CRC: 0x9c70
No.      Time          Source          Destination      Protocol Length Info
   757  0.914810769    127.0.0.1      127.0.0.1       MAVLink 1.0 66    TIMESYNC
Frame 757: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)
  Header
  Payload: TIMESYNC (111)
    tc1 (int64): 0
    ts1 (int64): 90121293000
  Message CRC: 0x9eea
No.      Time          Source          Destination      Protocol Length Info
   760  0.914846147    127.0.0.1      127.0.0.1       MAVLink 1.0 112   HIGHRES_IMU
Frame 760: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)
  Header
  Payload: HIGHRES_IMU (105)
    time_usec (uint64): 90110627
    xacc (float): 0.101696
    yacc (float): -7.80415e+11
    zacc (float): -13625.7
    xgyro (float): -nan
    ygyro (float): -nan
    zgyro (float): -nan
    xmag (float): 0.244262
    ymag (float): -0.00368245
    zmag (float): 0.398423
    abs_pressure (float): 101309
    diff_pressure (float): -0.0460726
    pressure_alt (float): 1.32399
    temperature (float): 16.8871
    fields_updated (uint16): 511
    id (uint8): 0
  Message CRC: 0x1889
No.      Time          Source          Destination      Protocol Length Info
   762  0.914877609    127.0.0.1      127.0.0.1       MAVLink 1.0 70    VFR_HUD
Frame 762: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)
  Header
  Payload: VFR_HUD (74)
    airspeed (float): -0.274264
    groundspeed (float): 0
    alt (float): 1.32399
    climb (float): 0
    heading (int16): 0
    throttle (uint16): 0
  Message CRC: 0xc815
No.      Time          Source          Destination      Protocol Length Info
   764  0.914933122    127.0.0.1      127.0.0.1       MAVLink 1.0 90    WIND_COV
Frame 764: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)
  Header
  Payload: WIND_COV (231)
    time_usec (uint64): 90100052
    wind_x (float): 0
    wind_y (float): 0
    wind_z (float): 0
    var_horiz (float): 0
    var_vert (float): 0
```

wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xdbef

No. Time Source Destination Protocol Length Info
767 0.919985545 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 767: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8690, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219315338
xacc (float): 6.55831e+34
yacc (float): 6.06258e-36
zacc (float): 0
xgyro (float): -2.62637e+11
ygyro (float): -4.9557e-31
zgyro (float): -8.53671e+20
xmag (float): -4.12779e-23
ymag (float): 0
zmag (float): 1.11022e-16
abs_pressure (float): 1013.09
diff_pressure (float): 219.315
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x3d2a

No. Time Source Destination Protocol Length Info
770 0.925329849 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 770: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8764, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219320556
xacc (float): 0.203622
yacc (float): 0.00452647
zacc (float): -9.79783
xgyro (float): 0.000169497
ygyro (float): -3.22673e-05
zgyro (float): 8.38005e-05
xmag (float): 0.243698
ymag (float): -0.00458689
zmag (float): 0.398657
abs_pressure (float): 0
diff_pressure (float): 219.321
pressure_alt (float): 0
temperature (float): -3.51844e+15
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5c16

No. Time Source Destination Protocol Length Info
773 0.925486464 127.0.0.1 127.0.0.1 MAVLink 1.0 82 ALTITUDE
Frame 773: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 90131943
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan

bottom_clearance (float): nan

Message CRC: 0xb386

```
No.      Time           Source           Destination      Protocol Length Info
 779 0.930671748 127.0.0.1       127.0.0.1       MAVLink 2.0 140   HIL_SENSOR
Frame 779: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8838, Ack: 1, Len: 74
MAVLink Protocol (74)
```

Header

Payload: HIL_SENSOR (107)

```
time_usec (uint64): 219325973
xacc (float): 0.203622
yacc (float): 0.00452647
zacc (float): -9.79783
xgyro (float): 0.000169497
ygyro (float): -3.22673e-05
zgyro (float): 8.38005e-05
xmag (float): 0
ymag (float): -2.96239e+22
zmag (float): 5.61196e+27
abs_pressure (float): 0
diff_pressure (float): -0.000357707
pressure_alt (float): 3.68935e+19
temperature (float): 4.74287e-13
fields_updated (uint32): 1087
id (uint8): 0
```

Message CRC: 0x7f35

```
No.      Time           Source           Destination      Protocol Length Info
 782 0.935967563 127.0.0.1       127.0.0.1       MAVLink 2.0 140   HIL_SENSOR
Frame 782: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8912, Ack: 1, Len: 74
MAVLink Protocol (74)
```

Header

Payload: HIL_SENSOR (107)

```
time_usec (uint64): 219331115
xacc (float): 0.203774
yacc (float): 0.00456719
zacc (float): -9.79787
xgyro (float): 0.000159667
ygyro (float): -5.81647e-05
zgyro (float): 7.81819e-05
xmag (float): 0.24359
ymag (float): -0.00388399
zmag (float): 0.39852
abs_pressure (float): 0
diff_pressure (float): 219.331
pressure_alt (float): -0
temperature (float): 2.66082e+14
fields_updated (uint32): 511
id (uint8): 0
```

Message CRC: 0xeeee8

```
No.      Time           Source           Destination      Protocol Length Info
 784 0.936119053 127.0.0.1       127.0.0.1       MAVLink 1.0 112   HIGHRES_IMU
Frame 784: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)
```

Header

Payload: HIGHRES_IMU (105)

```
time_usec (uint64): 90137360
xacc (float): 0.203622
yacc (float): 0.00452664
zacc (float): -9.79783
xgyro (float): -5.98889e+12
ygyro (float): -3.1459e+13
zgyro (float): -547220
xmag (float): 0.243698
```

ymag (float): -0.0045869
zmag (float): 0.398657
abs_pressure (float): 101309
diff_pressure (float): -0.0357707
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0xf52f

No.	Time	Source	Destination	Protocol	Length	Info
787	0.941334050	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 787: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 8986, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219336456
xacc (float): -9.66665e+16
yacc (float): -4.78511e-30
zacc (float): 0
xgyro (float): 5.13308e+26
ygyro (float): -265.509
zgyro (float): 2.38954e+38
xmag (float): -5.33875e+09
ymag (float): 0
zmag (float): -9.0072e+16
abs_pressure (float): 1013.09
diff_pressure (float): 219.336
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x382f

No.	Time	Source	Destination	Protocol	Length	Info
790	0.946653293	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 790: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9060, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219341842
xacc (float): 0.203893
yacc (float): 0.00460386
zacc (float): -9.79783
xgyro (float): 0.000167242
ygyro (float): -2.88454e-05
zgyro (float): 9.18026e-05
xmag (float): 0.243874
ymag (float): -0.00409931
zmag (float): 0.398186
abs_pressure (float): 0
diff_pressure (float): 219.342
pressure_alt (float): 3.68935e+19
temperature (float): 1.78243e-16
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x0522

No.	Time	Source	Destination	Protocol	Length	Info
794	0.957326338	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 794: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9134, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219352600

xacc (float): 0.203963
yacc (float): 0.00463069
zacc (float): -9.79777
xgyro (float): 0.000151292
ygyro (float): -4.14037e-05
zgyro (float): 8.73508e-05
xmag (float): 0.244225
ymag (float): -0.00451683
zmag (float): 0.398338
abs_pressure (float): 0
diff_pressure (float): 219.353
pressure_alt (float): -0
temperature (float): 6.4756e-10
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xea1d

No.	Time	Source	Destination	Protocol	Length	Info
797	0.957471543	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 797: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90153229
xacc (float): -4.83333e+16
yacc (float): 0.00230201
zacc (float): -4.89891
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243874
ymag (float): -0.00409931
zmag (float): 0.398186
abs_pressure (float): 101309
diff_pressure (float): -0.0357707
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x0a5e

No.	Time	Source	Destination	Protocol	Length	Info
800	0.957508822	127.0.0.1	127.0.0.1	MAVLink 1.0	92	ESTIMATOR_STATUS

Frame 800: 92 bytes on wire (736 bits), 92 bytes captured (736 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (50)

Header

Payload: ESTIMATOR_STATUS (230)
time_usec (uint64): 90153229
vel_ratio (float): 0
pos_horiz_ratio (float): 0
pos_vert_ratio (float): nan
mag_ratio (float): 0
hagl_ratio (float): 0
tas_ratio (float): 0
pos_horiz_accuracy (float): 0
pos_vert_accuracy (float): 0
flags (uint16): 228

Message CRC: 0x024b

No.	Time	Source	Destination	Protocol	Length	Info
803	0.962660692	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 803: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9208, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219357910
xacc (float): -4.25144e+29
yacc (float): -1.56083e+12
zacc (float): 0
xgyro (float): 3.40011e-25
ygyro (float): 1.90163e-21
zgyro (float): -4.47892e-30
xmag (float): -3.041e+13
ymag (float): 0
zmag (float): 3.30301e+07
abs_pressure (float): 1013.09
diff_pressure (float): 219.358
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x0db5

No.	Time	Source	Destination	Protocol	Length	Info
806	0.967930490	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 806: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9282, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219363220
xacc (float): 0.204024
yacc (float): 0.00464643
zacc (float): -9.79778
xgyro (float): 0.000131681
ygyro (float): -4.58872e-05
zgyro (float): 0.00010122
xmag (float): 0.243261
ymag (float): -0.00399487
zmag (float): 0.398299
abs_pressure (float): 0
diff_pressure (float): 219.363
pressure_alt (float): -0
temperature (float): 1.32117e-14
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xebd6

No.	Time	Source	Destination	Protocol	Length	Info
810	0.978604397	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 810: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9356, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219373947
xacc (float): 0.204055
yacc (float): 0.00466405
zacc (float): -9.79774
xgyro (float): 0.00011058
ygyro (float): -5.14564e-05
zgyro (float): 0.000103669
xmag (float): 0.244425
ymag (float): -0.00344878
zmag (float): 0.39914
abs_pressure (float): 0
diff_pressure (float): 219.374
pressure_alt (float): 3.68935e+19
temperature (float): -1.02173e+33
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xdf30

No.	Time	Source	Destination	Protocol	Length	Info
812	0.978865762	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 812: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90185334
xacc (float): 0.204039
yacc (float): 0.00465541
zacc (float): -9.79776
xgyro (float): 0.00012113
ygyro (float): -4.86718e-05
zgyro (float): 0.000102445
xmag (float): 0.244425
ymag (float): -0.00344878
zmag (float): 0.39914
abs_pressure (float): 101309
diff_pressure (float): -0.0357707
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xeaf7

No.	Time	Source	Destination	Protocol	Length	Info
815	0.983921421	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 815: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9430, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219379287
xacc (float): 0
yacc (float): 7.57507e-19
zacc (float): 0
xgyro (float): -3.9914e-19
ygyro (float): 0.000838604
zgyro (float): -1.02021e+37
xmag (float): -2.85249e+26
ymag (float): 0
zmag (float): 1.22236e-08
abs_pressure (float): 1013.09
diff_pressure (float): 219.379
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xedc3

No.	Time	Source	Destination	Protocol	Length	Info
818	0.989249577	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 818: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9504, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219384490
xacc (float): 0.203965
yacc (float): 0.00466841
zacc (float): -9.79786
xgyro (float): 0.000114268
ygyro (float): -2.62953e-05
zgyro (float): 9.55371e-05
xmag (float): 0.244363
ymag (float): -0.00481574
zmag (float): 0.397735
abs_pressure (float): 0
diff_pressure (float): 219.384

pressure_alt (float): -2
temperature (float): 3.28479e+13
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5264

No.	Time	Source	Destination	Protocol	Length	Info
824	0.999908935	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 824: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9578, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219395095
xacc (float): 0.203881
yacc (float): 0.00469343
zacc (float): -9.79795
xgyro (float): 0.000122073
ygyro (float): -2.66341e-05
zgyro (float): 0.000109755
xmag (float): 0.244041
ymag (float): -0.00397044
zmag (float): 0.398092
abs_pressure (float): 0
diff_pressure (float): 219.395
pressure_alt (float): -1.0842e-19
temperature (float): 3.02862e-10
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4f13

No.	Time	Source	Destination	Protocol	Length	Info
826	1.000050138	127.0.0.1	127.0.0.1	MAVLink 2.0	63	HEARTBEAT

Frame 826: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (21)

Header

Payload: HEARTBEAT (0)
custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3

Message CRC: 0xe2c0

No.	Time	Source	Destination	Protocol	Length	Info
827	1.000063456	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 827: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90195877
xacc (float): 0.101982
yacc (float): 0.00233429
zacc (float): -4.89893
xgyro (float): 2.85574e+28
ygyro (float): 8.48437e+28
zgyro (float): -5.10103e+36
xmag (float): 0.244363
ymag (float): -0.00481575
zmag (float): 0.397735
abs_pressure (float): 101309
diff_pressure (float): -0.0357707
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511

```
id (uint8): 0
Message CRC: 0x040c
No.      Time           Source           Destination      Protocol Length Info
 828 1.000075021    127.0.0.1       127.0.0.1       MAVLink 2.0 86   ALTITUDE
Frame 828: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (44)
Header
Payload: ALTITUDE (141)
  time_usec (uint64): 90206482
  altitude_monotonic (float): 1.32399
  altitude_amsl (float): nan
  altitude_local (float): nan
  altitude_relative (float): nan
  altitude_terrain (float): nan
  bottom_clearance (float): nan
Message CRC: 0xc1cd1
No.      Time           Source           Destination      Protocol Length Info
 830 1.000086021    127.0.0.1       127.0.0.1       MAVLink 2.0 95   BATTERY_STATUS
Frame 830: 95 bytes on wire (760 bits), 95 bytes captured (760 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (53)
Header
Payload: BATTERY_STATUS (147)
  current_consumed (int32): 0
  energy_consumed (int32): -1
  temperature (int16): 32767
  voltages[0] (uint16): 4050
  voltages[1] (uint16): 4050
  voltages[2] (uint16): 4050
  voltages[3] (uint16): 4050
  voltages[4] (uint16): 65535
  voltages[5] (uint16): 65535
  voltages[6] (uint16): 65535
  voltages[7] (uint16): 65535
  voltages[8] (uint16): 65535
  voltages[9] (uint16): 65535
  current_battery (int16): -100
  id (uint8): 0
  battery_function (uint8): 1
  type (uint8): 1
  battery_remaining (int8): 100
  time_remaining (int32): 0
  charge_state (uint8): 1
  voltages_ext[0] (uint16): 0
  voltages_ext[1] (uint16): 0
  voltages_ext[2] (uint16): 0
  voltages_ext[3] (uint16): 0
  mode (uint8): 0
  fault_bitmask (uint32): 0
Message CRC: 0xef0a
No.      Time           Source           Destination      Protocol Length Info
 831 1.000100028    127.0.0.1       127.0.0.1       MAVLink 2.0 95   ESTIMATOR_STATUS
Frame 831: 95 bytes on wire (760 bits), 95 bytes captured (760 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (53)
Header
Payload: ESTIMATOR_STATUS (230)
  time_usec (uint64): 90195877
  vel_ratio (float): 0
  pos_horiz_ratio (float): 0
  pos_vert_ratio (float): nan
  mag_ratio (float): 0
  hagl_ratio (float): 0
  tas_ratio (float): 0
```

pos_horiz_accuracy (float): 0

pos_vert_accuracy (float): 0

flags (uint16): 228

Message CRC: 0x0948

No.	Time	Source	Destination	Protocol	Length	Info
832	1.000111638	127.0.0.1	127.0.0.1	MAVLink 2.0	56	EXTENDED_SYS_STATE

Frame 832: 56 bytes on wire (448 bits), 56 bytes captured (448 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 18570, Dst Port: 14550

MAVLink Protocol (14)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0

landed_state (uint8): 1

Message CRC: 0xcc8e

No.	Time	Source	Destination	Protocol	Length	Info
833	1.000123831	127.0.0.1	127.0.0.1	MAVLink 2.0	97	GPS_RAW_INT

Frame 833: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 18570, Dst Port: 14550

MAVLink Protocol (55)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 90084214

lat (int32): 295401477

lon (int32): -984775390

alt (int32): 1019

eph (uint16): 0

epv (uint16): 0

vel (uint16): 0

cog (uint16): 29534

fix_type (uint8): 3

satellites_visible (uint8): 8

alt_ellipsoid (int32): 0

h_acc (uint32): 10

v_acc (uint32): 10

vel_acc (uint32): 250

hdg_acc (uint32): 0

yaw (uint16): 0

Message CRC: 0xa17f

No.	Time	Source	Destination	Protocol	Length	Info
834	1.000136678	127.0.0.1	127.0.0.1	MAVLink 2.0	63	PING

Frame 834: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 18570, Dst Port: 14550

MAVLink Protocol (21)

Header

Payload: PING (4)

time_usec (uint64): 90206482

seq (uint32): 8

target_system (uint8): 0

target_component (uint8): 0

Message CRC: 0x6712

No.	Time	Source	Destination	Protocol	Length	Info
835	1.000149591	127.0.0.1	127.0.0.1	MAVLink 2.0	85	SYS_STATUS

Frame 835: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 18570, Dst Port: 14550

MAVLink Protocol (43)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532669

onboard_control_sensors_enabled (uint32): 270598207

onboard_control_sensors_health (uint32): 2097181

load (uint16): 0

voltage_battery (uint16): 16200

current_battery (int16): -100

drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x26cd

No.	Time	Source	Destination	Protocol	Length	Info
836	1.000161053	127.0.0.1	127.0.0.1	MAVLink 2.0	76	VIBRATION

Frame 836: 76 bytes on wire (608 bits), 76 bytes captured (608 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (34)

Header

Payload: VIBRATION (241)

time_usec (uint64): 90206482
vibration_x (float): -nan
vibration_y (float): -nan
vibration_z (float): nan
clipping_0 (uint32): 1831
clipping_1 (uint32): 0
clipping_2 (uint32): 0

Message CRC: 0x4727

No.	Time	Source	Destination	Protocol	Length	Info
837	1.000171760	127.0.0.1	127.0.0.1	MAVLink 2.0	86	WIND_COV

Frame 837: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (44)

Header

Payload: WIND_COV (231)

time_usec (uint64): 90195877
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xa26a

No.	Time	Source	Destination	Protocol	Length	Info
838	1.001635491	127.0.0.1	127.0.0.1	MAVLink 2.0	68	PING

Frame 838: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14550, Dst Port: 18570
MAVLink Protocol (26)

Header

Payload: PING (4)

time_usec (uint64): 90206482
seq (uint32): 8
target_system (uint8): 1
target_component (uint8): 1

Message CRC: 0xa4a2

No.	Time	Source	Destination	Protocol	Length	Info
840	1.005252977	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 840: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9652, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219400405
xacc (float): 1.40515e-35
yacc (float): 3.41422e-18
zacc (float): 0

xgyro (float): 4.703e-12
ygyro (float): -3.966e-30
zgyro (float): 0.000913266
xmag (float): 3.28267e+30
ymag (float): 0
zmag (float): -3.47566e+24
abs_pressure (float): 1013.09
diff_pressure (float): 219.4
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x4225

No.	Time	Source	Destination	Protocol	Length	Info
845	1.010607484	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 845: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9726, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219405792
xacc (float): 0.203808
yacc (float): 0.00472911
zacc (float): -9.79804
xgyro (float): 9.84391e-05
ygyro (float): -5.12855e-05
zgyro (float): 9.65468e-05
xmag (float): 0.243553
ymag (float): -0.00415405
zmag (float): 0.399146
abs_pressure (float): 0
diff_pressure (float): 219.406
pressure_alt (float): 2
temperature (float): -3.89062
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6a02

No.	Time	Source	Destination	Protocol	Length	Info
847	1.010727736	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 847: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): -0.241663
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x40ac

No.	Time	Source	Destination	Protocol	Length	Info
849	1.010760096	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 849: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 90195877
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan


```
    horiz_accuracy (float): 0
    vert_accuracy (float): 0
    Message CRC: 0x9e54
No.      Time          Source          Destination      Protocol Length Info
   853  1.021281787    127.0.0.1      127.0.0.1       MAVLink 2.0 140   HIL_SENSOR
Frame 853: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9800, Ack: 1, Len: 74
MAVLink Protocol (74)
  Header
  Payload: HIL_SENSOR (107)
    time_usec (uint64): 219416549
    xacc (float): 0.203746
    yacc (float): 0.00477517
    zacc (float): -9.79811
    xgyro (float): 0.000102793
    ygyro (float): -4.75581e-05
    zgyro (float): 9.53622e-05
    xmag (float): 0.243914
    ymag (float): -0.00420413
    zmag (float): 0.399145
    abs_pressure (float): 0
    diff_pressure (float): 219.417
    pressure_alt (float): 3.68935e+19
    temperature (float): -1.45162e+07
    fields_updated (uint32): 511
    id (uint8): 0
  Message CRC: 0x91bb
No.      Time          Source          Destination      Protocol Length Info
   855  1.021461682    127.0.0.1      127.0.0.1       MAVLink 1.0 66    TIMESYNC
Frame 855: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)
  Header
  Payload: TIMESYNC (111)
    tc1 (int64): 0
    ts1 (int64): 90227936000
  Message CRC: 0x4821
No.      Time          Source          Destination      Protocol Length Info
   857  1.021496682    127.0.0.1      127.0.0.1       MAVLink 1.0 112   HIGHRES_IMU
Frame 857: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)
  Header
  Payload: HIGHRES_IMU (105)
    time_usec (uint64): 90217179
    xacc (float): 0.101904
    yacc (float): 0.00236464
    zacc (float): -4.89902
    xgyro (float): 4.92196e-05
    ygyro (float): -2.56428e-05
    zgyro (float): 0.000504906
    xmag (float): 0.243553
    ymag (float): -0.00415406
    zmag (float): 0.399146
    abs_pressure (float): 101309
    diff_pressure (float): -0.0357707
    pressure_alt (float): 1.32399
    temperature (float): 16.8871
    fields_updated (uint16): 7167
    id (uint8): 0
  Message CRC: 0x7bf5
No.      Time          Source          Destination      Protocol Length Info
   859  1.021517785    127.0.0.1      127.0.0.1       MAVLink 1.0 52    EXTENDED_SYS_STATE
Frame 859: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
```

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0

landed_state (uint8): 1

Message CRC: 0x625d

No.	Time	Source	Destination	Protocol	Length	Info
861	1.021537057	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 861: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532669

onboard_control_sensors_enabled (uint32): 270598207

onboard_control_sensors_health (uint32): 2097181

load (uint16): 0

voltage_battery (uint16): 16200

current_battery (int16): -100

drop_rate_comm (uint16): 0

errors_comm (uint16): 0

errors_count1 (uint16): 0

errors_count2 (uint16): 0

errors_count3 (uint16): 0

errors_count4 (uint16): 0

battery_remaining (int8): 100

Message CRC: 0xbb06

No.	Time	Source	Destination	Protocol	Length	Info
864	1.026610754	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 864: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9874, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219421859

xacc (float): -3.40067e+22

yacc (float): -1.80719e+31

zacc (float): 0

xgyro (float): 1.74195e-34

ygyro (float): -4.97731e-32

zgyro (float): 2.30007e+29

xmag (float): 1.47899e+07

ymag (float): 0

zmag (float): 3.97535e+33

abs_pressure (float): 1013.09

diff_pressure (float): 219.422

pressure_alt (float): 1019.55

temperature (float): 16.887

fields_updated (uint32): 6719

id (uint8): 0

Message CRC: 0x4890

No.	Time	Source	Destination	Protocol	Length	Info
866	1.026788896	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 866: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 90233246

altitude_monotonic (float): 1.32399

altitude_amsl (float): nan

altitude_local (float): nan

altitude_relative (float): nan

altitude_terrain (float): nan

bottom_clearance (float): nan

Message CRC: 0x1aa9

No. Time Source Destination Protocol Length Info
871 1.031858137 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 871: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 9948, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219427108

xacc (float): 0.2037

yacc (float): 0.00482266

zacc (float): -9.79817

xgyro (float): 0.000103407

ygyro (float): -4.82143e-05

zgyro (float): 7.43215e-05

xmag (float): 0.243134

ymag (float): -0.00425325

zmag (float): 0.39907

abs_pressure (float): 0

diff_pressure (float): 0.000997803

pressure_alt (float): -3.68935e+19

temperature (float): 1.11002e+06

fields_updated (uint32): 1535

id (uint8): 0

Message CRC: 0x2e66

No. Time Source Destination Protocol Length Info
875 1.042542176 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 875: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10022, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219437606

xacc (float): 0.203666

yacc (float): 0.00487305

zacc (float): -9.79821

xgyro (float): 8.36823e-05

ygyro (float): -3.45808e-05

zgyro (float): 9.28572e-05

xmag (float): 0.243307

ymag (float): -0.00386926

zmag (float): 0.398435

abs_pressure (float): 0

diff_pressure (float): 219.438

pressure_alt (float): -3.68935e+19

temperature (float): 3.34496e+08

fields_updated (uint32): 511

id (uint8): 0

Message CRC: 0x8cd5

No. Time Source Destination Protocol Length Info
877 1.042739809 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 877: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90238495

xacc (float): -1.70034e+22

yacc (float): -9.03596e+30

zacc (float): -1.57707e+23

xgyro (float): 1.66958e+19

ygyro (float): -1.99156e+21

zgyro (float): 1.15003e+29

xmag (float): 0.243134
ymag (float): -0.00425326
zmag (float): 0.39907
abs_pressure (float): 101309
diff_pressure (float): 0.0997803
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x5aea

No.	Time	Source	Destination	Protocol	Length	Info
880	1.047842606	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 880: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10096, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219442810
xacc (float): 0
yacc (float): 3.56581e-17
zacc (float): 0
xgyro (float): 3.5331e-09
ygyro (float): -2.0547e+19
zgyro (float): 4.73108e-26
xmag (float): -3.65147e-36
ymag (float): 0
zmag (float): -7168
abs_pressure (float): 1013.09
diff_pressure (float): 219.443
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x75f5

No.	Time	Source	Destination	Protocol	Length	Info
883	1.053185931	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 883: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10170, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219448226
xacc (float): 0.203688
yacc (float): 0.00494673
zacc (float): -9.79827
xgyro (float): 7.28343e-05
ygyro (float): -5.42804e-05
zgyro (float): 9.60851e-05
xmag (float): 0.243553
ymag (float): -0.00406304
zmag (float): 0.397815
abs_pressure (float): 0
diff_pressure (float): 219.448
pressure_alt (float): -3.68935e+19
temperature (float): 7024
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc2be

No.	Time	Source	Destination	Protocol	Length	Info
885	1.053313415	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 885: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90254197
xacc (float): 0.101833
yacc (float): 0.00243661
zacc (float): -4.89911
xgyro (float): 7.51268e+11
ygyro (float): -1.02735e+19
zgyro (float): -1.02005e+12
xmag (float): 0.243307
ymag (float): -0.00386927
zmag (float): 0.398435
abs_pressure (float): 101309
diff_pressure (float): 0.0997803
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x07ee

No.	Time	Source	Destination	Protocol	Length	Info
889	1.063830395	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 889: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10244, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219458984
xacc (float): 0.203718
yacc (float): 0.00502289
zacc (float): -9.79832
xgyro (float): 7.91641e-05
ygyro (float): -4.20721e-05
zgyro (float): 8.40844e-05
xmag (float): 0.243579
ymag (float): -0.00393287
zmag (float): 0.398173
abs_pressure (float): 0
diff_pressure (float): 219.459
pressure_alt (float): 0
temperature (float): 2.57698e+10
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x46da

No.	Time	Source	Destination	Protocol	Length	Info
896	1.069146530	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 896: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10318, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219464065
xacc (float): -4.07075e+13
yacc (float): -4.57399e-06
zacc (float): 0
xgyro (float): 2.16825e+33
ygyro (float): -1.22493e+35
zgyro (float): -3.39551e+33
xmag (float): -2.83708e-23
ymag (float): 0
zmag (float): 9.77516e-06
abs_pressure (float): 1013.09
diff_pressure (float): 219.464
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x4c5e

No.	Time	Source	Destination	Protocol	Length	Info
905	1.074457972	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 905: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10392, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219469543
xacc (float): 0.203751
yacc (float): 0.00509367
zacc (float): -9.79839
xgyro (float): 6.86807e-05
ygyro (float): -3.69583e-05
zgyro (float): 9.79628e-05
xmag (float): 0.244287
ymag (float): -0.00382281
zmag (float): 0.398393
abs_pressure (float): 0
diff_pressure (float): 219.47
pressure_alt (float): -0
temperature (float): -1.96293e+09
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xbfad

No.	Time	Source	Destination	Protocol	Length	Info
907	1.074566141	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 907: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90275452
xacc (float): -2.03538e+13
yacc (float): 0.00250924
zacc (float): -4.89916
xgyro (float): 1.08413e+33
ygyro (float): -6.12465e+34
zgyro (float): -1.69776e+33
xmag (float): 0.243579
ymag (float): -0.00393288
zmag (float): 0.398173
abs_pressure (float): 101309
diff_pressure (float): 0.0997803
pressure_alt (float): 1.3193
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x0441

No.	Time	Source	Destination	Protocol	Length	Info
910	1.079753046	127.0.0.1	127.0.0.1	MAVLink 2.0	115	HIL_GPS

Frame 910: 115 bytes on wire (920 bits), 115 bytes captured (920 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10466, Ack: 1, Len: 49
MAVLink Protocol (49)

Header

Payload: HIL_GPS (113)
time_usec (uint64): 219474731
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
epv (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3

satellites_visible (uint8): 8

id (uint8): 1

yaw (uint16): 0

Message CRC: 0x683c

No.	Time	Source	Destination	Protocol	Length	Info
913	1.085105738	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 913: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10515, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219480087

xacc (float): 0.203782

yacc (float): 0.00514481

zacc (float): -9.79876

xgyro (float): 3.40164e-05

ygyro (float): -3.08775e-05

zgyro (float): 9.17467e-05

xmag (float): 0.243815

ymag (float): -0.00385274

zmag (float): 0.3984

abs_pressure (float): 0

diff_pressure (float): 219.48

pressure_alt (float): -3.68935e+19

temperature (float): 6.52562e-11

fields_updated (uint32): 511

id (uint8): 0

Message CRC: 0x8d56

No.	Time	Source	Destination	Protocol	Length	Info
915	1.085318182	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 915: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 90280930

lat (int32): 295401477

lon (int32): -984775390

alt (int32): 1019

eph (uint16): 0

epv (uint16): 0

vel (uint16): 0

cog (uint16): 29534

fix_type (uint8): 3

satellites_visible (uint8): 8

alt_ellipsoid (int32): 0

h_acc (uint32): 0

v_acc (uint32): 0

vel_acc (uint32): 0

hdg_acc (uint32): 0

yaw (uint16): 0

Message CRC: 0xc79a

No.	Time	Source	Destination	Protocol	Length	Info
920	1.090418617	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 920: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10589, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219485153

xacc (float): 1.19906e+29

yacc (float): -2.92584e-21

zacc (float): 0

xgyro (float): -5957

ygyro (float): 6.52903e-06

zgyro (float): -2.8602e-18
xmag (float): -1.14744e-28
ymag (float): 0
zmag (float): -4.61169e+19
abs_pressure (float): 1013.09
diff_pressure (float): 219.485
pressure_alt (float): 1019.55
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x2263

No.	Time	Source	Destination	Protocol	Length	Info
925	1.095718991	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 925: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10663, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219490524
xacc (float): 0.203949
yacc (float): 0.00514268
zacc (float): -9.80007
xgyro (float): 2.40651e-05
ygyro (float): -2.74561e-05
zgyro (float): 9.02253e-05
xmag (float): 0.243657
ymag (float): -0.00338301
zmag (float): 0.39874
abs_pressure (float): 0
diff_pressure (float): 219.491
pressure_alt (float): 3.68935e+19
temperature (float): -7.12872e-05
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf6ad

No.	Time	Source	Destination	Protocol	Length	Info
927	1.095839362	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 927: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90296540
xacc (float): 5.99528e+28
yacc (float): 0.00257249
zacc (float): -4.89938
xgyro (float): -2978.5
ygyro (float): -0.000260419
zgyro (float): -4.28935e-05
xmag (float): 0.243815
ymag (float): -0.00385275
zmag (float): 0.3984
abs_pressure (float): 101309
diff_pressure (float): 0.0997803
pressure_alt (float): 1.3193
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x0894

No.	Time	Source	Destination	Protocol	Length	Info
933	1.105325482	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 933: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10737, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219501022
xacc (float): 0.204425
yacc (float): 0.00504312
zacc (float): -9.80088
xgyro (float): -2.02672e-05
ygyro (float): -4.68764e-05
zgyro (float): 8.62306e-05
xmag (float): 0.243699
ymag (float): -0.004253
zmag (float): 0.397952
abs_pressure (float): 0
diff_pressure (float): 219.501
pressure_alt (float): 3.68935e+19
temperature (float): -0.0211792
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x9676

No.	Time	Source	Destination	Protocol	Length	Info
938	1.110661477	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 938: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10811, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219506149
xacc (float): -6.07731e-25
yacc (float): -7.33573e+24
zacc (float): 0
xgyro (float): 6.72615e-05
ygyro (float): -5.81315e+25
zgyro (float): 5.47342e-08
xmag (float): -113.999
ymag (float): 0
zmag (float): -256
abs_pressure (float): 1013.09
diff_pressure (float): 219.506
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x4386

No.	Time	Source	Destination	Protocol	Length	Info
940	1.110802810	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 940: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.403617
groundspeed (float): 0
alt (float): 1.3193
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xbbb9

No.	Time	Source	Destination	Protocol	Length	Info
942	1.110833321	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 942: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 90291474
wind_x (float): 0

wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xa465

No.	Time	Source	Destination	Protocol	Length	Info
949	1.115953077	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 949: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10885, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219511489
xacc (float): 0.204975
yacc (float): 0.00496718
zacc (float): -9.80023
xgyro (float): -8.46193e-05
ygyro (float): -5.51849e-05
zgyro (float): 0.000103746
xmag (float): 0.244166
ymag (float): -0.00372082
zmag (float): 0.39851
abs_pressure (float): 0
diff_pressure (float): 219.511
pressure_alt (float): 1.0842e-19
temperature (float): -1.1079e-36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8736

No.	Time	Source	Destination	Protocol	Length	Info
951	1.116080026	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 951: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 90322876000

Message CRC: 0x597a

No.	Time	Source	Destination	Protocol	Length	Info
953	1.116112013	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 953: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90322876
xacc (float): 0.102488
yacc (float): -3.66787e+24
zacc (float): -6.40163e+16
xgyro (float): -1.08754e+17
ygyro (float): -2.90658e+25
zgyro (float): -9.06867e+17
xmag (float): 0.244166
ymag (float): -0.00372082
zmag (float): 0.39851
abs_pressure (float): 101309
diff_pressure (float): 0.0997803
pressure_alt (float): 1.3193
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xb9e4

No.	Time	Source	Destination	Protocol	Length	Info
957	1.126601683	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 957: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 10959, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219521759
xacc (float): 0.205387
yacc (float): 0.00495428
zacc (float): -9.79942
xgyro (float): -0.000117389
ygyro (float): -5.52828e-05
zgyro (float): 0.000110824
xmag (float): 0.243534
ymag (float): -0.00418648
zmag (float): 0.3984
abs_pressure (float): 0
diff_pressure (float): 219.522
pressure_alt (float): 2
temperature (float): -0.141602
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2814

No.	Time	Source	Destination	Protocol	Length	Info
959	1.126739110	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 959: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 90333146
altitude_monotonic (float): 1.3193
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x0f18

No.	Time	Source	Destination	Protocol	Length	Info
962	1.131918176	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 962: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11033, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219526794
xacc (float): 3.81518e+25
yacc (float): 5.89121e+23
zacc (float): 0
xgyro (float): -5.29025e+14
ygyro (float): -1.28904e-23
zgyro (float): 6.0726e+29
xmag (float): -4.11424e+20
ymag (float): 0
zmag (float): -48
abs_pressure (float): 1013.09
diff_pressure (float): 219.527
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x974b

No.	Time	Source	Destination	Protocol	Length	Info
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965 1.137265167 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 965: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11107, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219532119
xacc (float): 0.205629
yacc (float): 0.00501145
zacc (float): -9.79858
xgyro (float): -0.000138822
ygyro (float): -3.41969e-05
zgyro (float): 9.21938e-05
xmag (float): 0.243611
ymag (float): -0.00439189
zmag (float): 0.398207
abs_pressure (float): 0
diff_pressure (float): -0.000964985
pressure_alt (float): 1.0842e-19
temperature (float): -2.3374e-10
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0xb260

No.	Time	Source	Destination	Protocol	Length	Info
969	1.137447404	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 969: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90338181
xacc (float): 1.90759e+25
yacc (float): 2.94561e+23
zacc (float): 5.14105e+15
xgyro (float): -1.43529e+22
ygyro (float): 2.09472e+22
zgyro (float): 3.0363e+29
xmag (float): 0.243534
ymag (float): -0.00418649
zmag (float): 0.3984
abs_pressure (float): 101309
diff_pressure (float): 0.0997803
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x2f13

No.	Time	Source	Destination	Protocol	Length	Info
973	1.147907051	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 973: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11181, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219542694
xacc (float): 0.205755
yacc (float): 0.00518224
zacc (float): -9.79705
xgyro (float): -0.000157311
ygyro (float): -3.39885e-05
zgyro (float): 0.00010008
xmag (float): 0.244151
ymag (float): -0.00368975
zmag (float): 0.397826
abs_pressure (float): 0

diff_pressure (float): 219.543
pressure_alt (float): -2
temperature (float): 4.58752e+07
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8aaf

No.	Time	Source	Destination	Protocol	Length	Info
976	1.153224601	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 976: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11255, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219547866
xacc (float): -1.50809e+25
yacc (float): 3.06447e-12
zacc (float): 0
xgyro (float): -2.00048e+36
ygyro (float): 4.36499e+08
zgyro (float): -2.23771e+34
xmag (float): -84047.5
ymag (float): 0
zmag (float): 5.84061e+15
abs_pressure (float): 1013.09
diff_pressure (float): 219.548
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x7d96

No.	Time	Source	Destination	Protocol	Length	Info
979	1.158550312	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 979: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11329, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219553222
xacc (float): 0.20533
yacc (float): 0.00546113
zacc (float): -9.79645
xgyro (float): -0.000169075
ygyro (float): -2.76075e-05
zgyro (float): 7.14664e-05
xmag (float): 0.244975
ymag (float): -0.00395044
zmag (float): 0.398462
abs_pressure (float): 0
diff_pressure (float): 219.553
pressure_alt (float): 0
temperature (float): -6.40949e-31
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5331

No.	Time	Source	Destination	Protocol	Length	Info
981	1.158705319	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 981: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90359253
xacc (float): -7.54046e+24
yacc (float): 0.0025912
zacc (float): -4.89853

xgyro (float): -1.00024e+36
ygyro (float): -8.60056e+28
zgyro (float): -1.11886e+34
xmag (float): 0.244151
ymag (float): -0.00368976
zmag (float): 0.397826
abs_pressure (float): 101309
diff_pressure (float): -0.0964985
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x3539

No.	Time	Source	Destination	Protocol	Length	Info
982	1.158705313	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 982: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.403617
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xb5bf

No.	Time	Source	Destination	Protocol	Length	Info
986	1.168125058	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 986: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11403, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219563949
xacc (float): 0.20463
yacc (float): 0.00565394
zacc (float): -9.7966
xgyro (float): -0.000157566
ygyro (float): -2.90471e-05
zgyro (float): 8.82801e-05
xmag (float): 0.243532
ymag (float): -0.00274598
zmag (float): 0.398388
abs_pressure (float): 0
diff_pressure (float): 219.564
pressure_alt (float): -3.68935e+19
temperature (float): 4.8273e+16
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x9393

No.	Time	Source	Destination	Protocol	Length	Info
989	1.173447745	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 989: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11477, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219568984
xacc (float): 2.07201e-21
yacc (float): -6.55359e+35
zacc (float): 0
xgyro (float): 1.32358e+35
ygyro (float): -3.57354e+33
zgyro (float): -1.00325e-35

xmag (float): -4.20442e+17
ymag (float): 0
zmag (float): -2.02117e+24
abs_pressure (float): 1013.09
diff_pressure (float): 219.569
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xeeeb

No.	Time	Source	Destination	Protocol	Length	Info
993	1.173645696	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 993: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90380371
xacc (float): 0.102315
yacc (float): -3.2768e+35
zacc (float): -5.71909e+27
xgyro (float): 6.61792e+34
ygyro (float): -1.78676e+33
zgyro (float): 1.90548e+27
xmag (float): 0.243532
ymag (float): -0.00274599
zmag (float): 0.398388
abs_pressure (float): 101309
diff_pressure (float): -0.0964985
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x61dc

No.	Time	Source	Destination	Protocol	Length	Info
996	1.178771175	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 996: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11551, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219574249
xacc (float): 0.204025
yacc (float): 0.00577086
zacc (float): -9.79682
xgyro (float): -0.000160173
ygyro (float): -6.78207e-06
zgyro (float): 8.69145e-05
xmag (float): 0.244358
ymag (float): -0.00447806
zmag (float): 0.397852
abs_pressure (float): 0
diff_pressure (float): 219.574
pressure_alt (float): 2
temperature (float): -2.94205e+11
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xce52

No.	Time	Source	Destination	Protocol	Length	Info
1000	1.189441895	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1000: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11625, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219584442
xacc (float): 0.203577
yacc (float): 0.00582301
zacc (float): -9.79709
xgyro (float): -0.000185718
ygyro (float): -5.54234e-06
zgyro (float): 5.38348e-05
xmag (float): 0.244239
ymag (float): -0.00397237
zmag (float): 0.398214
abs_pressure (float): 0
diff_pressure (float): 219.584
pressure_alt (float): -2
temperature (float): 6.30656e+31
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8166

No.	Time	Source	Destination	Protocol	Length	Info
1003	1.194775293	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1003: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11699, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219589523
xacc (float): -3.42189e-36
yacc (float): 1.5523e+21
zacc (float): 0
xgyro (float): 5.13169e-39
ygyro (float): -2.86156e-25
zgyro (float): 1.30826e-37
xmag (float): -0.000144859
ymag (float): 0
zmag (float): -1.16467e-20
abs_pressure (float): 1013.09
diff_pressure (float): 219.59
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xf875

No.	Time	Source	Destination	Protocol	Length	Info
1005	1.194900267	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1005: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90395829
xacc (float): 0.203801
yacc (float): 0.0057971
zacc (float): -9.79695
xgyro (float): -5.51698e+25
ygyro (float): -2.04341e+27
zgyro (float): -3.14506e+26
xmag (float): 0.244239
ymag (float): -0.00397238
zmag (float): 0.398214
abs_pressure (float): 101309
diff_pressure (float): -0.0964985
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xd511

No.	Time	Source	Destination	Protocol	Length	Info
1008	1.199027049	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1008: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11773, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219594772
xacc (float): 0.203225
yacc (float): 0.005833
zacc (float): -9.79733
xgyro (float): -0.00017294
ygyro (float): -1.81084e-05
zgyro (float): 7.66408e-05
xmag (float): 0.244194
ymag (float): -0.0037423
zmag (float): 0.39828
abs_pressure (float): 0
diff_pressure (float): 219.595
pressure_alt (float): 3.68935e+19
temperature (float): 1.92624e-14
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6e35

No.	Time	Source	Destination	Protocol	Length	Info
1014	1.209625225	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1014: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11847, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219605026
xacc (float): 0.202949
yacc (float): 0.00582026
zacc (float): -9.79749
xgyro (float): -0.000192585
ygyro (float): -1.00542e-05
zgyro (float): 8.81646e-05
xmag (float): 0.243852
ymag (float): -0.00345658
zmag (float): 0.397482
abs_pressure (float): 0
diff_pressure (float): 219.605
pressure_alt (float): 3.68935e+19
temperature (float): 1014
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8795

No.	Time	Source	Destination	Protocol	Length	Info
1016	1.209748501	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 1016: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.396924
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x0aa0

No.	Time	Source	Destination	Protocol	Length	Info
1018	1.209777789	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 1018: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 90395829
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x558a

No.	Time	Source	Destination	Protocol	Length	Info
1023	1.214925365	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1023: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11921, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219610137
xacc (float): -1.59931e-09
yacc (float): -7.33573e+24
zacc (float): 0
xgyro (float): -1.27419e-35
ygyro (float): 2.85244e-28
zgyro (float): -3.87642e-07
xmag (float): -8.10941e+29
ymag (float): 0
zmag (float): -5.54597e+29
abs_pressure (float): 1013.09
diff_pressure (float): 219.61
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x5d4c

No.	Time	Source	Destination	Protocol	Length	Info
1025	1.215037255	127.0.0.1	127.0.0.1	MAVLink 1.0	59	HEARTBEAT

Frame 1025: 59 bytes on wire (472 bits), 59 bytes captured (472 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (17)

Header

Payload: HEARTBEAT (0)

custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3

Message CRC: 0x6ad2

No.	Time	Source	Destination	Protocol	Length	Info
1027	1.215059888	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1027: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 90421524000

Message CRC: 0x3812

No.	Time	Source	Destination	Protocol	Length	Info
1029	1.215076706	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1029: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90416413
xacc (float): 0.203087
yacc (float): 0.0058268
zacc (float): -9.79741
xgyro (float): -0.000182763
ygyro (float): -1.40813e-05
zgyro (float): 8.24027e-05
xmag (float): 0.243852
ymag (float): -0.00345659
zmag (float): 0.397482
abs_pressure (float): 101309
diff_pressure (float): -0.0964985
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x1514

No.	Time	Source	Destination	Protocol	Length	Info
1031	1.215093960	127.0.0.1	127.0.0.1	MAVLink 1.0	86	BATTERY_STATUS

Frame 1031: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (44)

Header

Payload: BATTERY_STATUS (147)
current_consumed (int32): 0
energy_consumed (int32): -1
temperature (int16): 32767
voltages[0] (uint16): 4050
voltages[1] (uint16): 4050
voltages[2] (uint16): 4050
voltages[3] (uint16): 4050
voltages[4] (uint16): 65535
voltages[5] (uint16): 65535
voltages[6] (uint16): 65535
voltages[7] (uint16): 65535
voltages[8] (uint16): 65535
voltages[9] (uint16): 65535
current_battery (int16): -100
id (uint8): 0
battery_function (uint8): 1
type (uint8): 1
battery_remaining (int8): 100
time_remaining (int32): 0
charge_state (uint8): 0
voltages_ext[0] (uint16): 0
voltages_ext[1] (uint16): 0
voltages_ext[2] (uint16): 0
voltages_ext[3] (uint16): 0
mode (uint8): 0
fault_bitmask (uint32): 0

Message CRC: 0x7350

No.	Time	Source	Destination	Protocol	Length	Info
1033	1.215108661	127.0.0.1	127.0.0.1	MAVLink 1.0	83	COMMAND_LONG

Frame 1033: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (41)

Header

Payload: COMMAND_LONG (76)
param1 (float): 0
param2 (float): 0
param3 (float): 0

param4 (float): 0
param5 (float): 0
param6 (float): 0
param7 (float): 0
command (uint16): 200
target_system (uint8): 0
target_component (uint8): 0
confirmation (uint8): 0

Message CRC: 0x124c

No.	Time	Source	Destination	Protocol	Length	Info
1035	1.215124343	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 1035: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x1834

No.	Time	Source	Destination	Protocol	Length	Info
1037	1.215140069	127.0.0.1	127.0.0.1	MAVLink 1.0	64	PING

Frame 1037: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (22)

Header

Payload: PING (4)

time_usec (uint64): 90421524
seq (uint32): 89
target_system (uint8): 0
target_component (uint8): 0

Message CRC: 0x16c3

No.	Time	Source	Destination	Protocol	Length	Info
1039	1.215155974	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 1039: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x5abb

No.	Time	Source	Destination	Protocol	Length	Info
1041	1.215170779	127.0.0.1	127.0.0.1	MAVLink 1.0	62	SYSTEM_TIME

Frame 1041: 62 bytes on wire (496 bits), 62 bytes captured (496 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (20)

Header

Payload: SYSTEM_TIME (2)

time_unix_usec (uint64): 1647986458855206
time_boot_ms (uint32): 90421

Message CRC: 0x03ff

No.	Time	Source	Destination	Protocol	Length	Info
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1043 1.215185972 127.0.0.1 127.0.0.1 MAVLink 1.0 82 VIBRATION
Frame 1043: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: VIBRATION (241)

time_usec (uint64): 90421524
vibration_x (float): -nan
vibration_y (float): -nan
vibration_z (float): nan
clipping_0 (uint32): 1842
clipping_1 (uint32): 0
clipping_2 (uint32): 0

Message CRC: 0x284e

No.	Time	Source	Destination	Protocol	Length	Info
1046	1.220266875	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1046: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 11995, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219615509
xacc (float): 0.202726
yacc (float): 0.00579236
zacc (float): -9.79764
xgyro (float): -0.00019041
ygyro (float): -1.71003e-05
zgyro (float): 8.0258e-05
xmag (float): 0.244155
ymag (float): -0.00405886
zmag (float): 0.398783
abs_pressure (float): 0
diff_pressure (float): 219.616
pressure_alt (float): 2
temperature (float): 1.28786e-13
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3298

No.	Time	Source	Destination	Protocol	Length	Info
1050	1.229850173	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1050: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12069, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219625671
xacc (float): 0.202541
yacc (float): 0.00575953
zacc (float): -9.79786
xgyro (float): -0.000189205
ygyro (float): -1.81615e-07
zgyro (float): 6.2915e-05
xmag (float): 0.243857
ymag (float): -0.00343696
zmag (float): 0.398901
abs_pressure (float): 0
diff_pressure (float): 219.626
pressure_alt (float): -0
temperature (float): -4.88108e-30
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4cd0

No.	Time	Source	Destination	Protocol	Length	Info
1052	1.229991278	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1052: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 90437058
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xc868

No.	Time	Source	Destination	Protocol	Length	Info
1055	1.235164111	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1055: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12143, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219630767
xacc (float): -0.00103928
yacc (float): -4.55616e+08
zacc (float): 0
xgyro (float): -6.38133e-25
ygyro (float): -86625.9
zgyro (float): -4.9072e+30
xmag (float): -7.40249e-09
ymag (float): 0
zmag (float): 2.1905e+33
abs_pressure (float): 1013.09
diff_pressure (float): 219.631
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x560e

No.	Time	Source	Destination	Protocol	Length	Info
1058	1.235302560	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1058: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90437058
xacc (float): 0.202633
yacc (float): 0.00577612
zacc (float): -9.79775
xgyro (float): -0.000189807
ygyro (float): -8.64097e-06
zgyro (float): 7.15865e-05
xmag (float): 0.243857
ymag (float): -0.00343697
zmag (float): 0.398901
abs_pressure (float): 101309
diff_pressure (float): -0.0964985
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x8026

No.	Time	Source	Destination	Protocol	Length	Info
1064	1.240486974	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1064: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12217, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219635894
xacc (float): 0.202341
yacc (float): 0.00568713
zacc (float): -9.79786
xgyro (float): -0.000201436
ygyro (float): 4.40618e-06
zgyro (float): 6.2722e-05
xmag (float): 0.24387
ymag (float): -0.00466761
zmag (float): 0.398537
abs_pressure (float): 0
diff_pressure (float): -0.000974137
pressure_alt (float): 2
temperature (float): 5.45467e+27
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x6ef8

No.	Time	Source	Destination	Protocol	Length	Info
1068	1.251112171	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1068: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12291, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219646072
xacc (float): 0.202145
yacc (float): 0.00565073
zacc (float): -9.79787
xgyro (float): -0.000236185
ygyro (float): 1.09167e-05
zgyro (float): 3.9879e-05
xmag (float): 0.244099
ymag (float): -0.00454239
zmag (float): 0.399015
abs_pressure (float): 0
diff_pressure (float): 219.646
pressure_alt (float): -1.0842e-19
temperature (float): -4.91462e+29
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf61d

No.	Time	Source	Destination	Protocol	Length	Info
1075	1.255359729	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1075: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12365, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219651062
xacc (float): 7.73261e+26
yacc (float): 1.4884e+14
zacc (float): 0
xgyro (float): 4.48965e-24
ygyro (float): -4.41526e+21
zgyro (float): -2.32357e-32
xmag (float): 137872
ymag (float): 0
zmag (float): -6.93335e-33
abs_pressure (float): 1013.09
diff_pressure (float): 219.651
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719

```
id (uint8): 0
Message CRC: 0x77b2
No.      Time          Source          Destination      Protocol Length Info
 1077 1.255559114    127.0.0.1      127.0.0.1       MAVLink 1.0 112   HIGHRES_IMU
Frame 1077: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)
  Header
  Payload: HIGHRES_IMU (105)
    time_usec (uint64): 90457459
    xacc (float): 0.202243
    yacc (float): 0.0056691
    zacc (float): -9.79787
    xgyro (float): 8.03149e+21
    ygyro (float): 2.29379e+23
    zgyro (float): 4.00342e+15
    xmag (float): 0.244099
    ymag (float): -0.0045424
    zmag (float): 0.399015
    abs_pressure (float): 101309
    diff_pressure (float): -0.0974137
    pressure_alt (float): 1.32399
    temperature (float): 16.8871
    fields_updated (uint16): 1535
    id (uint8): 0
  Message CRC: 0x3a77
No.      Time          Source          Destination      Protocol Length Info
 1079 1.256812681    127.0.0.1      127.0.0.1       MAVLink 2.0 63    HEARTBEAT
Frame 1079: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14550, Dst Port: 18570
MAVLink Protocol (21)
  Header
  Payload: HEARTBEAT (0)
    custom_mode (uint32): 0
    type (uint8): 6
    autopilot (uint8): 8
    base_mode (uint8): 192
    system_status (uint8): 4
    mavlink_version (uint8): 3
  Message CRC: 0x9699
No.      Time          Source          Destination      Protocol Length Info
 1081 1.260682166    127.0.0.1      127.0.0.1       MAVLink 2.0 140   HIL_SENSOR
Frame 1081: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12439, Ack: 1, Len: 74
MAVLink Protocol (74)
  Header
  Payload: HIL_SENSOR (107)
    time_usec (uint64): 219656143
    xacc (float): 0.201954
    yacc (float): 0.0056372
    zacc (float): -9.7979
    xgyro (float): -0.000243573
    ygyro (float): 2.79243e-05
    zgyro (float): 5.24353e-05
    xmag (float): 0.243434
    ymag (float): -0.0039
    zmag (float): 0.397821
    abs_pressure (float): 0
    diff_pressure (float): 219.656
    pressure_alt (float): 1.0842e-19
    temperature (float): -1.18849e-20
    fields_updated (uint32): 511
    id (uint8): 0
  Message CRC: 0xa1b6
No.      Time          Source          Destination      Protocol Length Info
```


1087 1.271319157 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1087: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12513, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219666519
xacc (float): 0.201764
yacc (float): 0.00563374
zacc (float): -9.79793
xgyro (float): -0.000202042
ygyro (float): 5.21234e-06
zgyro (float): 1.96909e-05
xmag (float): 0.243489
ymag (float): -0.00367692
zmag (float): 0.398325
abs_pressure (float): 0
diff_pressure (float): 219.667
pressure_alt (float): 1.0842e-19
temperature (float): -4.83169e-11
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2fc3

No.	Time	Source	Destination	Protocol	Length	Info
1092	1.276616692	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1092: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12587, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219671691
xacc (float): 0
yacc (float): -1.93452e-36
zacc (float): 0
xgyro (float): -0.000327187
ygyro (float): 2.75885e+17
zgyro (float): -5.85634e+24
xmag (float): -2.63118e-09
ymag (float): 0
zmag (float): -7.97455e-35
abs_pressure (float): 1013.09
diff_pressure (float): 219.672
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x9621

No.	Time	Source	Destination	Protocol	Length	Info
1094	1.276728124	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1094: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90477906
xacc (float): 0.201859
yacc (float): 0.00563564
zacc (float): -9.79792
xgyro (float): -3.37098e+13
ygyro (float): 3.63497e+06
zgyro (float): -2.08268e+14
xmag (float): 0.243489
ymag (float): -0.00367692
zmag (float): 0.398325
abs_pressure (float): 101309

diff_pressure (float): -0.0974137
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x4230

No.	Time	Source	Destination	Protocol	Length	Info
1097	1.281988518	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1097: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12661, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219676757
xacc (float): 0.201581
yacc (float): 0.00563463
zacc (float): -9.7979
xgyro (float): -0.000235545
ygyro (float): 1.7018e-05
zgyro (float): 3.32356e-05
xmag (float): 0.243648
ymag (float): -0.00317136
zmag (float): 0.398322
abs_pressure (float): 0
diff_pressure (float): 219.677
pressure_alt (float): 0
temperature (float): -1.13687e-12
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x79b5

No.	Time	Source	Destination	Protocol	Length	Info
1098	1.282007418	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 1098: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12735, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 219676757
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 30460

Message CRC: 0x74e2

No.	Time	Source	Destination	Protocol	Length	Info
1102	1.291510323	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1102: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12786, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219687072
xacc (float): 0.2014
yacc (float): 0.00563624
zacc (float): -9.79795
xgyro (float): -0.000241705

ygyro (float): -6.72733e-06
zgyro (float): 2.07274e-05
xmag (float): 0.244353
ymag (float): -0.00406946
zmag (float): 0.398032
abs_pressure (float): 0
diff_pressure (float): 219.687
pressure_alt (float): -0
temperature (float): 16.25
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x306a

No.	Time	Source	Destination	Protocol	Length	Info
1106	1.291653930	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 1106: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 90488144
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0xa9aa

No.	Time	Source	Destination	Protocol	Length	Info
1111	1.296907241	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1111: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12860, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219692428
xacc (float): 4.17572
yacc (float): 0.182125
zacc (float): 0
xgyro (float): -3.04285e+32
ygyro (float): -3.35502e+28
zgyro (float): 1.50536e-14
xmag (float): 2.30349e+24
ymag (float): 0
zmag (float): -1.57772e-29
abs_pressure (float): 1013.09
diff_pressure (float): 219.692
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x2354

No.	Time	Source	Destination	Protocol	Length	Info
1114	1.297038441	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1114: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90498459
xacc (float): 0.20149
yacc (float): 0.0056356
zacc (float): -9.79793
xgyro (float): 6.36053e+15
ygyro (float): 2.94983e+17
zgyro (float): 1.90447e+10
xmag (float): 0.244353
ymag (float): -0.00406947
zmag (float): 0.398032
abs_pressure (float): 101309
diff_pressure (float): -0.0974137
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x21fc

No.	Time	Source	Destination	Protocol	Length	Info
1120	1.302222458	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1120: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 12934, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219697540
xacc (float): 0.201221
yacc (float): 0.0055973
zacc (float): -9.79792
xgyro (float): -0.000231164
ygyro (float): -8.8304e-06
zgyro (float): 3.01546e-05
xmag (float): 0.243903
ymag (float): -0.00378806
zmag (float): 0.397862
abs_pressure (float): 0
diff_pressure (float): 219.698
pressure_alt (float): 2
temperature (float): 8.72687e-34
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7dc1

No.	Time	Source	Destination	Protocol	Length	Info
1124	1.312913728	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1124: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13008, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219707916
xacc (float): 0.201023
yacc (float): 0.00555802
zacc (float): -9.7979
xgyro (float): -0.000228216
ygyro (float): -1.72794e-06
zgyro (float): 2.46191e-06
xmag (float): 0.243827
ymag (float): -0.0039575
zmag (float): 0.398325
abs_pressure (float): 0
diff_pressure (float): 219.708
pressure_alt (float): 2
temperature (float): 3.43797e-24
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xaba3

No. Time Source Destination Protocol Length Info
1126 1.313071852 127.0.0.1 127.0.0.1 MAVLink 1.0 70 VFR_HUD
Frame 1126: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.398802
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xc1ce

No. Time Source Destination Protocol Length Info
1128 1.313106654 127.0.0.1 127.0.0.1 MAVLink 1.0 90 WIND_COV
Frame 1128: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 90498459
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xbb51

No. Time Source Destination Protocol Length Info
1131 1.318336821 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1131: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13082, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219713027
xacc (float): -1.75824e+28
yacc (float): -1.42033e+18
zacc (float): 0
xgyro (float): 0.0161689
ygyro (float): -1.13043e+37
zgyro (float): -6.48393e+25
xmag (float): 3.48277e-30
ymag (float): 0
zmag (float): -0.00726318
abs_pressure (float): 1013.09
diff_pressure (float): 219.713
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xc969

No. Time Source Destination Protocol Length Info
1133 1.318464318 127.0.0.1 127.0.0.1 MAVLink 1.0 66 TIMESYNC
Frame 1133: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0

ts1 (int64): 90524414000

Message CRC: 0xadcf

No.	Time	Source	Destination	Protocol	Length	Info
1135	1.318527669	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1135: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90524414
xacc (float): -8.7912e+27
yacc (float): -7.10164e+17
zacc (float): -1.23947e+10
xgyro (float): 7.97017e+28
ygyro (float): -5.65213e+36
zgyro (float): 1.02386e+30
xmag (float): 0.243827
ymag (float): -0.00395751
zmag (float): 0.398325
abs_pressure (float): 101309
diff_pressure (float): -0.0974137
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x1fd7

No.	Time	Source	Destination	Protocol	Length	Info
1138	1.322612440	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1138: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13156, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219718368
xacc (float): 0.200811
yacc (float): 0.00551924
zacc (float): -9.79786
xgyro (float): -0.000240767
ygyro (float): 2.78507e-05
zgyro (float): -6.82842e-06
xmag (float): 0.242989
ymag (float): -0.00403505
zmag (float): 0.398466
abs_pressure (float): 0
diff_pressure (float): 219.718
pressure_alt (float): -3.68935e+19
temperature (float): -8.96875
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xfcb4

No.	Time	Source	Destination	Protocol	Length	Info
1141	1.322742673	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1141: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 90529755
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x060e

No. Time Source Destination Protocol Length Info
1146 1.335530658 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1146: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13230, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219728805
xacc (float): 0.200591
yacc (float): 0.00548105
zacc (float): -9.79785
xgyro (float): -0.000218016
ygyro (float): 1.66208e-05
zgyro (float): 3.30747e-06
xmag (float): 0.243576
ymag (float): -0.00455188
zmag (float): 0.398105
abs_pressure (float): 0
diff_pressure (float): 219.729
pressure_alt (float): 3.68935e+19
temperature (float): 9.79763e+06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4993

No. Time Source Destination Protocol Length Info
1148 1.335672138 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 1148: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90529755
xacc (float): -8.7912e+27
yacc (float): -7.10164e+17
zacc (float): -1.23947e+10
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.242989
ymag (float): -0.00403506
zmag (float): 0.398466
abs_pressure (float): 101309
diff_pressure (float): -0.0974137
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x9bd0

No. Time Source Destination Protocol Length Info
1151 1.340886178 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1151: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13304, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219735488
xacc (float): -4.25563e-27
yacc (float): 1.08337e+30
zacc (float): 0
xgyro (float): 0.0767468
ygyro (float): 6.16112e+25
zgyro (float): 1.57427e+12
xmag (float): -2.62197e+24
ymag (float): 0
zmag (float): -1.10203e-38

abs_pressure (float): 1013.09
diff_pressure (float): 219.735
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xd7f9

No.	Time	Source	Destination	Protocol	Length	Info
1154	1.345222665	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1154: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13378, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219740844
xacc (float): 0.200337
yacc (float): 0.00543675
zacc (float): -9.79782
xgyro (float): -0.000216443
ygyro (float): 2.5065e-05
zgyro (float): -1.07079e-05
xmag (float): 0.243277
ymag (float): -0.00375445
zmag (float): 0.398669
abs_pressure (float): 0
diff_pressure (float): -0.000434712
pressure_alt (float): 0
temperature (float): 4.29249e+15
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x4259

No.	Time	Source	Destination	Protocol	Length	Info
1158	1.355868955	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1158: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13452, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219751174
xacc (float): 0.200146
yacc (float): 0.00540095
zacc (float): -9.79781
xgyro (float): -0.000195125
ygyro (float): 2.48153e-05
zgyro (float): -1.59298e-05
xmag (float): 0.243753
ymag (float): -0.00495083
zmag (float): 0.399003
abs_pressure (float): 0
diff_pressure (float): 219.751
pressure_alt (float): -1.0842e-19
temperature (float): 1.34661e-30
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5c22

No.	Time	Source	Destination	Protocol	Length	Info
1160	1.356028979	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1160: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90552231
xacc (float): 0.100169
yacc (float): 5.41686e+29

zacc (float): 9.4542e+21
xgyro (float): -9.02857e+26
ygyro (float): 3.08056e+25
zgyro (float): 5.24214e+17
xmag (float): 0.243277
ymag (float): -0.00375446
zmag (float): 0.398669
abs_pressure (float): 101309
diff_pressure (float): -0.0434712
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x6b63

No.	Time	Source	Destination	Protocol	Length	Info
1163	1.361181146	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1163: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13526, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219756408
xacc (float): 0
yacc (float): -4.0895e+22
zacc (float): 0
xgyro (float): -8.61562e+32
ygyro (float): -3.60693
zgyro (float): -3.04822e+17
xmag (float): -2.41794e-17
ymag (float): 0
zmag (float): -1.53122e+17
abs_pressure (float): 1013.09
diff_pressure (float): 219.756
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x58a5

No.	Time	Source	Destination	Protocol	Length	Info
1168	1.366567214	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1168: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13600, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219761856
xacc (float): 0.200172
yacc (float): 0.00537952
zacc (float): -9.79789
xgyro (float): -0.000210288
ygyro (float): 2.82541e-05
zgyro (float): -4.40988e-06
xmag (float): 0.243942
ymag (float): -0.00394269
zmag (float): 0.399707
abs_pressure (float): 0
diff_pressure (float): 219.762
pressure_alt (float): 1.0842e-19
temperature (float): -3.71934e-39
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5e69

No.	Time	Source	Destination	Protocol	Length	Info
1172	1.377225297	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1172: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13674, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219772216
xacc (float): 0.20019
yacc (float): 0.00535736
zacc (float): -9.79793
xgyro (float): -0.000196763
ygyro (float): 2.12568e-05
zgyro (float): -1.47025e-05
xmag (float): 0.243786
ymag (float): -0.00480175
zmag (float): 0.39924
abs_pressure (float): 0
diff_pressure (float): 219.772
pressure_alt (float): 0
temperature (float): 1.50534e+30
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xcb3e

No.	Time	Source	Destination	Protocol	Length	Info
1174	1.377355814	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1174: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90573243
xacc (float): 0.100086
yacc (float): -2.04475e+22
zacc (float): -3.56876e+14
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243942
ymag (float): -0.00394269
zmag (float): 0.399707
abs_pressure (float): 101309
diff_pressure (float): -0.0434712
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xb825

No.	Time	Source	Destination	Protocol	Length	Info
1177	1.381478583	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1177: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13748, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219777145
xacc (float): 0
yacc (float): -1.6209e-07
zacc (float): 0
xgyro (float): -1.54507e+38
ygyro (float): 5.86386e+29
zgyro (float): 3.05888e-10
xmag (float): -2.83467e-24
ymag (float): 0
zmag (float): -1.75922e+14
abs_pressure (float): 1013.09
diff_pressure (float): 219.777
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719

id (uint8): 0
Message CRC: 0xbe5e
No. Time Source Destination Protocol Length Info
1180 1.386820934 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1180: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13822, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 219782318
xacc (float): 0.200199
yacc (float): 0.00533486
zacc (float): -9.79797
xgyro (float): -0.000185828
ygyro (float): 2.59183e-05
zgyro (float): -2.95929e-05
xmag (float): 0.243903
ymag (float): -0.00410623
zmag (float): 0.398492
abs_pressure (float): 0
diff_pressure (float): 219.782
pressure_alt (float): -2
temperature (float): 2.10543e+17
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc716

No. Time Source Destination Protocol Length Info
1184 1.397515469 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1184: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13896, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 219792602
xacc (float): 0.200203
yacc (float): 0.00531274
zacc (float): -9.79797
xgyro (float): -0.00015522
ygyro (float): 1.74713e-05
zgyro (float): -1.89784e-05
xmag (float): 0.243883
ymag (float): -0.00408859
zmag (float): 0.398047
abs_pressure (float): 0
diff_pressure (float): 219.793
pressure_alt (float): 0
temperature (float): -5.51343e-07
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1a8c

No. Time Source Destination Protocol Length Info
1186 1.397661797 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 1186: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 90593705
xacc (float): 0.1001
yacc (float): 0.00266744
zacc (float): -4.89898
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243903

ymag (float): -0.00410624
zmag (float): 0.398492
abs_pressure (float): 101309
diff_pressure (float): -0.0434712
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x0164

No.	Time	Source	Destination	Protocol	Length	Info
1191	1.402839309	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1191: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 13970, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219797729
xacc (float): -6.97597e-29
yacc (float): -8.00833e+28
zacc (float): 0
xgyro (float): -3.33752e-18
ygyro (float): 1.78192e-06
zgyro (float): 5306.88
xmag (float): -1.33128e+08
ymag (float): 0
zmag (float): 34816
abs_pressure (float): 1013.09
diff_pressure (float): 219.798
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x6b34

No.	Time	Source	Destination	Protocol	Length	Info
1196	1.407131094	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1196: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14044, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219802764
xacc (float): 0.200204
yacc (float): 0.00528975
zacc (float): -9.79795
xgyro (float): -0.000164102
ygyro (float): 2.12727e-05
zgyro (float): -4.21514e-05
xmag (float): 0.24329
ymag (float): -0.00480124
zmag (float): 0.398562
abs_pressure (float): 0
diff_pressure (float): 219.803
pressure_alt (float): 2
temperature (float): 2.07829e-23
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5437

No.	Time	Source	Destination	Protocol	Length	Info
1200	1.417820801	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1200: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14118, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219813034

xacc (float): 0.200199
yacc (float): 0.00526724
zacc (float): -9.79795
xgyro (float): -0.000163138
ygyro (float): 2.44254e-05
zgyro (float): -3.21632e-05
xmag (float): 0.244082
ymag (float): -0.00427909
zmag (float): 0.398718
abs_pressure (float): 0
diff_pressure (float): 219.813
pressure_alt (float): 3.68935e+19
temperature (float): 2.70583e+12
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1870

No.	Time	Source	Destination	Protocol	Length	Info
1202	1.417974534	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 1202: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.266408
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x3671

No.	Time	Source	Destination	Protocol	Length	Info
1203	1.417994536	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1203: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 90624421000

Message CRC: 0x3ba4

No.	Time	Source	Destination	Protocol	Length	Info
1205	1.418034340	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1205: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90624421
xacc (float): 0.200201
yacc (float): 0.00527867
zacc (float): -9.79795
xgyro (float): -0.000189059
ygyro (float): -0.000159316
zgyro (float): -3.71573e-05
xmag (float): 0.244082
ymag (float): -0.0042791
zmag (float): 0.398718
abs_pressure (float): 101309
diff_pressure (float): -0.0434712
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x8495

No.	Time	Source	Destination	Protocol	Length	Info
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1207 1.418057014 127.0.0.1 127.0.0.1 MAVLink 1.0 52 EXTENDED_SYS_STATE
Frame 1207: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0

landed_state (uint8): 1

Message CRC: 0xf530

No.	Time	Source	Destination	Protocol	Length	Info
1209	1.418076896	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 1209: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671

onboard_control_sensors_enabled (uint32): 270598207

onboard_control_sensors_health (uint32): 270532639

load (uint16): 0

voltage_battery (uint16): 16200

current_battery (int16): -100

drop_rate_comm (uint16): 0

errors_comm (uint16): 0

errors_count1 (uint16): 0

errors_count2 (uint16): 0

errors_count3 (uint16): 0

errors_count4 (uint16): 0

battery_remaining (int8): 100

Message CRC: 0xc3b0

No.	Time	Source	Destination	Protocol	Length	Info
1211	1.418094312	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 1211: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.266408

groundspeed (float): 0

alt (float): 1.32399

climb (float): 0

heading (int16): 0

throttle (uint16): 0

Message CRC: 0x810d

No.	Time	Source	Destination	Protocol	Length	Info
1213	1.418110578	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 1213: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 90593705

wind_x (float): 0

wind_y (float): 0

wind_z (float): 0

var_horiz (float): 0

var_vert (float): 0

wind_alt (float): nan

horiz_accuracy (float): 0

vert_accuracy (float): 0

Message CRC: 0x28f2

No.	Time	Source	Destination	Protocol	Length	Info
1216	1.423169834	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1216: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14192, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219818115
xacc (float): -4.74737e-08
yacc (float): 3.21903e-27
zacc (float): 0
xgyro (float): 1.59004e+19
ygyro (float): 1.48568e-06
zgyro (float): 4.08023e-09
xmag (float): -3.12319e+10
ymag (float): 0
zmag (float): 9.03875e+37
abs_pressure (float): 1013.09
diff_pressure (float): 219.818
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x582b

No.	Time	Source	Destination	Protocol	Length	Info
1218	1.423352370	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1218: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 90629502
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x3c2a

No.	Time	Source	Destination	Protocol	Length	Info
1221	1.427556866	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1221: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14266, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219823318
xacc (float): 0.200196
yacc (float): 0.00522392
zacc (float): -9.79788
xgyro (float): -0.000163942
ygyro (float): 2.52196e-05
zgyro (float): -6.12538e-05
xmag (float): 0.243818
ymag (float): -0.00490302
zmag (float): 0.398765
abs_pressure (float): 0
diff_pressure (float): 219.823
pressure_alt (float): -1.0842e-19
temperature (float): -7.00595e-12
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x51f2

No.	Time	Source	Destination	Protocol	Length	Info
1225	1.438202487	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1225: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14340, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219833435
xacc (float): 0.200195
yacc (float): 0.00517883
zacc (float): -9.79784
xgyro (float): -0.000147163
ygyro (float): 1.76092e-05
zgyro (float): -4.82405e-05
xmag (float): 0.244025
ymag (float): -0.00436939
zmag (float): 0.399134
abs_pressure (float): 0
diff_pressure (float): 219.833
pressure_alt (float): -0
temperature (float): -2.35438e-06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x199b

No.	Time	Source	Destination	Protocol	Length	Info
1228	1.438363407	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1228: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90634705
xacc (float): 0.100098
yacc (float): 0.00261205
zacc (float): -4.89894
xgyro (float): 7.9502e+18
ygyro (float): 4.8963e+10
zgyro (float): 1.33671e+09
xmag (float): 0.243818
ymag (float): -0.00490302
zmag (float): 0.398765
abs_pressure (float): 101309
diff_pressure (float): -0.0434712
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x62ff

No.	Time	Source	Destination	Protocol	Length	Info
1238	1.443514126	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1238: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14414, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219838485
xacc (float): 0
yacc (float): 3.528e-12
zacc (float): 0
xgyro (float): -3.09661e-21
ygyro (float): 604453
zgyro (float): -1.24699e-16
xmag (float): 135.563
ymag (float): 0
zmag (float): -1.32982e+25
abs_pressure (float): 1013.09
diff_pressure (float): 219.838
pressure_alt (float): 1019.56
temperature (float): 16.8871

fields_updated (uint32): 6719
id (uint8): 0
Message CRC: 0x847d

No.	Time	Source	Destination	Protocol	Length	Info
1241	1.448838109	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1241: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14488, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219843765
xacc (float): 0.200202
yacc (float): 0.00513321
zacc (float): -9.79782
xgyro (float): -0.000132656
ygyro (float): 1.04346e-05
zgyro (float): -4.92828e-05
xmag (float): 0.243398
ymag (float): -0.0038705
zmag (float): 0.39827
abs_pressure (float): 0
diff_pressure (float): 0.000188971
pressure_alt (float): 1.0842e-19
temperature (float): 8.00913e+25
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x2077

No.	Time	Source	Destination	Protocol	Length	Info
1245	1.458459286	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1245: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14562, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219854232
xacc (float): 0.20022
yacc (float): 0.00509084
zacc (float): -9.79782
xgyro (float): -0.000107619
ygyro (float): 2.83493e-05
zgyro (float): -6.20628e-05
xmag (float): 0.244044
ymag (float): -0.00480078
zmag (float): 0.398771
abs_pressure (float): 0
diff_pressure (float): 219.854
pressure_alt (float): -3.68935e+19
temperature (float): 4.29281e-09
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x311a

No.	Time	Source	Destination	Protocol	Length	Info
1249	1.458607188	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1249: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90655152
xacc (float): 0.100101
yacc (float): 0.00256669
zacc (float): -4.89891
xgyro (float): -0.00013261
ygyro (float): 302226
zgyro (float): 0.00432767

xmag (float): 0.243398
ymag (float): -0.00387051
zmag (float): 0.39827
abs_pressure (float): 101309
diff_pressure (float): 0.0188971
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x6baa

No.	Time	Source	Destination	Protocol	Length	Info
1252	1.463780705	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1252: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14636, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219859161
xacc (float): 3.87986e+30
yacc (float): -4.72232e+22
zacc (float): 0
xgyro (float): 2.95195e-24
ygyro (float): 1.59968e+17
zgyro (float): -6.2677e+35
xmag (float): -3.41339e+17
ymag (float): 0
zmag (float): -5.1923e+33
abs_pressure (float): 1013.09
diff_pressure (float): 219.859
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xd585

No.	Time	Source	Destination	Protocol	Length	Info
1258	1.473410247	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1258: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14710, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219869155
xacc (float): 0.200175
yacc (float): 0.00502344
zacc (float): -9.79762
xgyro (float): -0.00011506
ygyro (float): 3.01477e-05
zgyro (float): -5.8028e-05
xmag (float): 0.24417
ymag (float): -0.00365939
zmag (float): 0.398481
abs_pressure (float): 0
diff_pressure (float): 219.869
pressure_alt (float): 1.0842e-19
temperature (float): -100608
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb418

No.	Time	Source	Destination	Protocol	Length	Info
1262	1.473558375	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1262: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90670548
xacc (float): 1.93993e+30
yacc (float): -2.36116e+22
zacc (float): -4.121e+14
xgyro (float): -5.30079e+27
ygyro (float): -2.737e+28
zgyro (float): -3.13385e+35
xmag (float): 0.244044
ymag (float): -0.00480079
zmag (float): 0.398771
abs_pressure (float): 101309
diff_pressure (float): 0.0188971
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x7f79

No.	Time	Source	Destination	Protocol	Length	Info
1266	1.484114448	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1266: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14784, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219879257
xacc (float): 0.200128
yacc (float): 0.0049523
zacc (float): -9.79756
xgyro (float): -7.87701e-05
ygyro (float): 8.14162e-06
zgyro (float): -8.12197e-05
xmag (float): 0.243895
ymag (float): -0.00492515
zmag (float): 0.398657
abs_pressure (float): 1013.09
diff_pressure (float): 219.879
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x4450

No.	Time	Source	Destination	Protocol	Length	Info
1267	1.484143772	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 1267: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14858, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 219879257
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 42289

Message CRC: 0xbd4d

No.	Time	Source	Destination	Protocol	Length	Info
1276	1.493722357	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1276: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14909, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219889434
xacc (float): 0.200161
yacc (float): 0.0048782
zacc (float): -9.79766
xgyro (float): -7.55739e-05
ygyro (float): 2.46636e-05
zgyro (float): -9.02117e-05
xmag (float): 0.243063
ymag (float): -0.00391253
zmag (float): 0.398532
abs_pressure (float): 0
diff_pressure (float): 219.889
pressure_alt (float): 2
temperature (float): 1.19954e-06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xdce6

No.	Time	Source	Destination	Protocol	Length	Info
1280	1.493924893	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1280: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90690644
xacc (float): 0.200151
yacc (float): 0.00498804
zacc (float): -9.79759
xgyro (float): 4.9967e+27
ygyro (float): 2.52945e+28
zgyro (float): 4.41473e+20
xmag (float): 0.243895
ymag (float): -0.00492515
zmag (float): 0.398657
abs_pressure (float): 101309
diff_pressure (float): 0.0188971
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xdea3

No.	Time	Source	Destination	Protocol	Length	Info
1282	1.493966021	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 1282: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)
time_usec (uint64): 90690644
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
epf (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0

vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x361b

No.	Time	Source	Destination	Protocol	Length	Info
1286	1.504503910	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1286: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 14983, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219899597
xacc (float): 0.200217
yacc (float): 0.00482729
zacc (float): -9.79782
xgyro (float): -5.95956e-05
ygyro (float): 1.18741e-05
zgyro (float): -7.65007e-05
xmag (float): 0.243796
ymag (float): -0.00349407
zmag (float): 0.398803
abs_pressure (float): 1013.09
diff_pressure (float): 219.9
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x67a5

No.	Time	Source	Destination	Protocol	Length	Info
1290	1.514143195	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1290: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15057, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219909652
xacc (float): 0.200334
yacc (float): 0.00481055
zacc (float): -9.79807
xgyro (float): -5.52738e-05
ygyro (float): 3.27823e-05
zgyro (float): -6.94172e-05
xmag (float): 0.243442
ymag (float): -0.00433641
zmag (float): 0.398647
abs_pressure (float): 0
diff_pressure (float): 219.91
pressure_alt (float): -3.68935e+19
temperature (float): 5.22915e-14
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf6da

No.	Time	Source	Destination	Protocol	Length	Info
1293	1.514333207	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1293: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 90721039000

Message CRC: 0xf10a

No.	Time	Source	Destination	Protocol	Length	Info
1296	1.514370531	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1296: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90710984
xacc (float): 0.200189
yacc (float): 0.00485291
zacc (float): -9.79774
xgyro (float): -6.75847e-05
ygyro (float): 1.82688e-05
zgyro (float): -8.33562e-05
xmag (float): 0.243796
ymag (float): -0.00349408
zmag (float): 0.398803
abs_pressure (float): 101309
diff_pressure (float): 0.0188971
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x2f91

No.	Time	Source	Destination	Protocol	Length	Info
1298	1.514395222	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 1298: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.175649
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xe72d

No.	Time	Source	Destination	Protocol	Length	Info
1300	1.514411558	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 1300: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 90700821
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xbb67

No.	Time	Source	Destination	Protocol	Length	Info
1304	1.524904712	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1304: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15131, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219919784
xacc (float): 0.200433
yacc (float): 0.00481639
zacc (float): -9.79809

xgyro (float): -5.11007e-05
ygyro (float): 2.26549e-05
zgyro (float): -7.1835e-05
xmag (float): 0.243687
ymag (float): -0.00454108
zmag (float): 0.398054
abs_pressure (float): 1013.09
diff_pressure (float): 219.92
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xf881

No.	Time	Source	Destination	Protocol	Length	Info
1306	1.525103281	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1306: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 90731171
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x65c5

No.	Time	Source	Destination	Protocol	Length	Info
1310	1.535574170	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1310: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15205, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219930328
xacc (float): 0.200521
yacc (float): 0.00482395
zacc (float): -9.7981
xgyro (float): -3.47447e-05
ygyro (float): -7.06308e-06
zgyro (float): -8.96478e-05
xmag (float): 0.244086
ymag (float): -0.00431014
zmag (float): 0.399175
abs_pressure (float): 0
diff_pressure (float): 219.93
pressure_alt (float): 2
temperature (float): -1.37516e-09
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4dd1

No.	Time	Source	Destination	Protocol	Length	Info
1312	1.535726745	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1312: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90731171
xacc (float): 0.200383
yacc (float): 0.00481364
zacc (float): -9.79808
xgyro (float): -5.31872e-05
ygyro (float): 2.77186e-05

zgyro (float): -7.06261e-05
xmag (float): 0.243687
ymag (float): -0.00454109
zmag (float): 0.398054
abs_pressure (float): 101309
diff_pressure (float): 0.0188971
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x96b9

No. Time Source Destination Protocol Length Info
1316 1.545238795 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1316: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15279, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219940658
xacc (float): 0.200615
yacc (float): 0.00483093
zacc (float): -9.79809
xgyro (float): -3.16601e-05
ygyro (float): 2.3355e-05
zgyro (float): -0.0001005
xmag (float): 0.243729
ymag (float): -0.0039379
zmag (float): 0.398403
abs_pressure (float): 1013.09
diff_pressure (float): 219.941
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x3fc0

No. Time Source Destination Protocol Length Info
1321 1.550582472 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1321: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15353, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219945785
xacc (float): 0.200615
yacc (float): 0.00483093
zacc (float): -9.79809
xgyro (float): -3.16601e-05
ygyro (float): 2.3355e-05
zgyro (float): -0.0001005
xmag (float): 0
ymag (float): -2.96239e+22
zmag (float): 5.61196e+27
abs_pressure (float): 0
diff_pressure (float): -6.63307e-05
pressure_alt (float): -3.68935e+19
temperature (float): 1.10523e+31
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0xc9a2

No. Time Source Destination Protocol Length Info
1324 1.554865439 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1324: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15427, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219950805
xacc (float): 0.200724
yacc (float): 0.0048334
zacc (float): -9.79807
xgyro (float): -1.56975e-05
ygyro (float): 1.61283e-05
zgyro (float): -7.68113e-05
xmag (float): 0.243931
ymag (float): -0.00396466
zmag (float): 0.39805
abs_pressure (float): 0
diff_pressure (float): 219.951
pressure_alt (float): 0
temperature (float): -7.53175e-13
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5a2b

No.	Time	Source	Destination	Protocol	Length	Info
1326	1.554998154	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1326: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90757172
xacc (float): 0.200615
yacc (float): 0.0048311
zacc (float): -9.79809
xgyro (float): -3.16601e-05
ygyro (float): 2.3355e-05
zgyro (float): -0.0001005
xmag (float): 0.243729
ymag (float): -0.00393791
zmag (float): 0.398403
abs_pressure (float): 101309
diff_pressure (float): -0.00663307
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x7b2f

No.	Time	Source	Destination	Protocol	Length	Info
1330	1.565562787	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1330: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15501, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 219960800
xacc (float): -1.00539e-36
yacc (float): -3.37686e-29
zacc (float): 0
xgyro (float): -3.41453e+17
ygyro (float): 8.74969e+30
zgyro (float): -2.25702e+06
xmag (float): 7.0987e-35
ymag (float): 0
zmag (float): -3.23117e-25
abs_pressure (float): 1013.09
diff_pressure (float): 219.961
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x51e3

No.	Time	Source	Destination	Protocol	Length	Info
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1333 1.570914833 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1333: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15575, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219965911
xacc (float): 0.200857
yacc (float): 0.00483324
zacc (float): -9.79803
xgyro (float): -7.72614e-07
ygyro (float): 2.25563e-05
zgyro (float): -6.92805e-05
xmag (float): 0.24388
ymag (float): -0.00407725
zmag (float): 0.39853
abs_pressure (float): 0
diff_pressure (float): 219.966
pressure_alt (float): -2
temperature (float): -3.40151e-10
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3f5d

No.	Time	Source	Destination	Protocol	Length	Info
1337	1.580553372	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1337: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15649, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219975952
xacc (float): 0.200931
yacc (float): 0.0048371
zacc (float): -9.79789
xgyro (float): 3.31071e-06
ygyro (float): 9.67146e-06
zgyro (float): -9.03823e-05
xmag (float): 0.242882
ymag (float): -0.00465216
zmag (float): 0.398602
abs_pressure (float): 0
diff_pressure (float): 219.976
pressure_alt (float): 0
temperature (float): 1.72795e-19
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x894a

No.	Time	Source	Destination	Protocol	Length	Info
1340	1.580703954	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1340: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90777298
xacc (float): 0.100429
yacc (float): 0.00241671
zacc (float): -4.89901
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.24388
ymag (float): -0.00407726
zmag (float): 0.39853
abs_pressure (float): 101309

diff_pressure (float): -0.00663307
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x748c

No.	Time	Source	Destination	Protocol	Length	Info
1344	1.585906643	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1344: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15723, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219980957
xacc (float): 1.82679e-25
yacc (float): -4.33723e+30
zacc (float): 0
xgyro (float): 1.77213e+37
ygyro (float): 24.8109
zgyro (float): -4.67653e+24
xmag (float): -1.23617e-39
ymag (float): 0
zmag (float): 2.04697e-16
abs_pressure (float): 1013.09
diff_pressure (float): 219.981
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xd15c

No.	Time	Source	Destination	Protocol	Length	Info
1348	1.595566601	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1348: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15797, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 219991165
xacc (float): 0.200908
yacc (float): 0.00481649
zacc (float): -9.79817
xgyro (float): 2.09729e-05
ygyro (float): -3.56108e-06
zgyro (float): -6.9367e-05
xmag (float): 0.244163
ymag (float): -0.00395063
zmag (float): 0.398377
abs_pressure (float): 0
diff_pressure (float): 219.991
pressure_alt (float): -1.0842e-19
temperature (float): -2.73245e+35
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf7b4

No.	Time	Source	Destination	Protocol	Length	Info
1350	1.595713090	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1350: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90792344
xacc (float): 0.100466
yacc (float): -2.16861e+30
zacc (float): -3.78495e+22

xgyro (float): 8.86067e+36
ygyro (float): -5.91883e+29
zgyro (float): -1.19473e+29
xmag (float): 0.242882
ymag (float): -0.00465216
zmag (float): 0.398602
abs_pressure (float): 101309
diff_pressure (float): -0.00663307
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xd98b

No.	Time	Source	Destination	Protocol	Length	Info
1355	1.606289934	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1355: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15871, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220001419
xacc (float): 0.200234
yacc (float): 0.00460596
zacc (float): -9.8008
xgyro (float): -1.09476e-06
ygyro (float): 1.55638e-05
zgyro (float): -6.4394e-05
xmag (float): 0.243896
ymag (float): -0.00405494
zmag (float): 0.399152
abs_pressure (float): 1013.09
diff_pressure (float): 220.001
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x6bfe

No.	Time	Source	Destination	Protocol	Length	Info
1360	1.615912838	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1360: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 15945, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220011581
xacc (float): 0.200916
yacc (float): 0.00430015
zacc (float): -9.80015
xgyro (float): -4.65204e-06
ygyro (float): 9.35693e-06
zgyro (float): -7.42462e-05
xmag (float): 0.243895
ymag (float): -0.00355966
zmag (float): 0.398971
abs_pressure (float): 0
diff_pressure (float): 220.012
pressure_alt (float): -3.68935e+19
temperature (float): 5.5947e+35
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4edc

No.	Time	Source	Destination	Protocol	Length	Info
1362	1.616063129	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1362: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0

ts1 (int64): 90822968000

Message CRC: 0x4018

No.	Time	Source	Destination	Protocol	Length	Info
1364	1.616100902	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1364: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90822968

xacc (float): 0.200575

yacc (float): 0.00445322

zacc (float): -9.80047

xgyro (float): -2.8734e-06

ygyro (float): 1.24604e-05

zgyro (float): -6.93201e-05

xmag (float): 0.243895

ymag (float): -0.00355966

zmag (float): 0.398971

abs_pressure (float): 101309

diff_pressure (float): -0.00663307

pressure_alt (float): 1.32399

temperature (float): 16.8871

fields_updated (uint16): 511

id (uint8): 0

Message CRC: 0x6bba

No.	Time	Source	Destination	Protocol	Length	Info
1366	1.616122140	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 1366: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0

landed_state (uint8): 1

Message CRC: 0x0d35

No.	Time	Source	Destination	Protocol	Length	Info
1368	1.616141598	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 1368: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671

onboard_control_sensors_enabled (uint32): 270598207

onboard_control_sensors_health (uint32): 270532639

load (uint16): 0

voltage_battery (uint16): 16200

current_battery (int16): -100

drop_rate_comm (uint16): 0

errors_comm (uint16): 0

errors_count1 (uint16): 0

errors_count2 (uint16): 0

errors_count3 (uint16): 0

errors_count4 (uint16): 0

battery_remaining (int8): 100

Message CRC: 0xc1a2

No.	Time	Source	Destination	Protocol	Length	Info
1370	1.616158418	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 1370: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.104065

groundspeed (float): 0

alt (float): 1.32399

climb (float): 0

heading (int16): 0

throttle (uint16): 0

Message CRC: 0x9acf

No.	Time	Source	Destination	Protocol	Length	Info
1372	1.616174315	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 1372: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 90792344

wind_x (float): 0

wind_y (float): 0

wind_z (float): 0

var_horiz (float): 0

var_vert (float): 0

wind_alt (float): nan

horiz_accuracy (float): 0

vert_accuracy (float): 0

Message CRC: 0xb8c3

No.	Time	Source	Destination	Protocol	Length	Info
1376	1.626678640	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1376: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16019, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220021774

xacc (float): 0.201475

yacc (float): 0.00414249

zacc (float): -9.7995

xgyro (float): -4.01727e-05

ygyro (float): 1.7857e-06

zgyro (float): -8.40745e-05

xmag (float): 0.243825

ymag (float): -0.00403324

zmag (float): 0.398417

abs_pressure (float): 1013.09

diff_pressure (float): 220.022

pressure_alt (float): 1019.56

temperature (float): 16.8871

fields_updated (uint32): 7167

id (uint8): 0

Message CRC: 0xeea5

No.	Time	Source	Destination	Protocol	Length	Info
1382	1.626916206	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1382: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 90833161

altitude_monotonic (float): 1.32399

altitude_amsl (float): nan

altitude_local (float): nan

altitude_relative (float): nan

altitude_terrain (float): nan

bottom_clearance (float): nan

Message CRC: 0x4556

No. Time Source Destination Protocol Length Info
1386 1.636267504 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1386: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16093, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220031860
xacc (float): 0.201843
yacc (float): 0.00405137
zacc (float): -9.79898
xgyro (float): -4.40244e-05
ygyro (float): -2.32113e-05
zgyro (float): -6.3985e-05
xmag (float): 0.243381
ymag (float): -0.00377017
zmag (float): 0.398454
abs_pressure (float): 0
diff_pressure (float): 220.032
pressure_alt (float): 0
temperature (float): -6.80021e+24
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x10e7

No. Time Source Destination Protocol Length Info
1388 1.636445846 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 1388: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90833161
xacc (float): 0.201195
yacc (float): 0.00422149
zacc (float): -9.79982
xgyro (float): -2.24124e-05
ygyro (float): 5.57132e-06
zgyro (float): -7.91603e-05
xmag (float): 0.243825
ymag (float): -0.00403325
zmag (float): 0.398417
abs_pressure (float): 101309
diff_pressure (float): -0.00663307
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x0215

No. Time Source Destination Protocol Length Info
1392 1.646922930 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1392: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16167, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220042526
xacc (float): 0.202084
yacc (float): 0.00400653
zacc (float): -9.79857
xgyro (float): -8.07972e-05
ygyro (float): -1.93383e-05
zgyro (float): -5.45415e-05

xmag (float): 0.243718
ymag (float): -0.00413173
zmag (float): 0.397421
abs_pressure (float): 1013.09
diff_pressure (float): 220.043
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x035c

No.	Time	Source	Destination	Protocol	Length	Info
1397	1.652247488	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1397: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16241, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220047546
xacc (float): 0.202084
yacc (float): 0.00400653
zacc (float): -9.79857
xgyro (float): -8.07972e-05
ygyro (float): -1.93383e-05
zgyro (float): -5.45415e-05
xmag (float): 0
ymag (float): -2.96239e+22
zmag (float): 5.61196e+27
abs_pressure (float): 0
diff_pressure (float): 0.00011019
pressure_alt (float): -0
temperature (float): 1.25497e+32
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0x1d49

No.	Time	Source	Destination	Protocol	Length	Info
1400	1.657659617	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1400: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16315, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220052734
xacc (float): 0.202215
yacc (float): 0.00399703
zacc (float): -9.79823
xgyro (float): -0.000102
ygyro (float): -3.91882e-05
zgyro (float): -5.55262e-05
xmag (float): 0.243539
ymag (float): -0.003974
zmag (float): 0.398238
abs_pressure (float): 0
diff_pressure (float): 220.053
pressure_alt (float): 0
temperature (float): -7.97537e+36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x20e6

No.	Time	Source	Destination	Protocol	Length	Info
1402	1.657796613	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1402: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90858933
xacc (float): 0.202084
yacc (float): 0.0040067
zacc (float): -9.79857
xgyro (float): -8.07972e-05
ygyro (float): -1.93383e-05
zgyro (float): -5.45415e-05
xmag (float): 0.243718
ymag (float): -0.00413174
zmag (float): 0.397421
abs_pressure (float): 101309
diff_pressure (float): 0.011019
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x8da7

No.	Time	Source	Destination	Protocol	Length	Info
1410	1.667266124	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1410: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16389, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220062774
xacc (float): 0.202262
yacc (float): 0.00400655
zacc (float): -9.79796
xgyro (float): -8.55688e-05
ygyro (float): -2.45623e-05
zgyro (float): -4.93311e-05
xmag (float): 0.243413
ymag (float): -0.00455977
zmag (float): 0.399317
abs_pressure (float): 1013.09
diff_pressure (float): 220.063
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x0cfb

No.	Time	Source	Destination	Protocol	Length	Info
1412	1.667398580	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 1412: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.104065
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x00e2

No.	Time	Source	Destination	Protocol	Length	Info
1419	1.677966023	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1419: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16463, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220073226
xacc (float): 0.202446
yacc (float): 0.00405853

zacc (float): -9.79771
xgyro (float): -8.60557e-05
ygyro (float): -3.23032e-05
zgyro (float): -5.5314e-05
xmag (float): 0.243945
ymag (float): -0.00387367
zmag (float): 0.398332
abs_pressure (float): 0
diff_pressure (float): 220.073
pressure_alt (float): -3.68935e+19
temperature (float): 8.86553e-26
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x22db

No.	Time	Source	Destination	Protocol	Length	Info
1421	1.678153884	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1421: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90884613
xacc (float): 0.202354
yacc (float): 0.00403271
zacc (float): -9.79784
xgyro (float): -8.58123e-05
ygyro (float): -2.84327e-05
zgyro (float): -5.23225e-05
xmag (float): 0.243945
ymag (float): -0.00387368
zmag (float): 0.398332
abs_pressure (float): 101309
diff_pressure (float): 0.011019
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x58ff

No.	Time	Source	Destination	Protocol	Length	Info
1425	1.687543239	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1425: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16537, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220083374
xacc (float): 0.202543
yacc (float): 0.00411258
zacc (float): -9.79756
xgyro (float): -9.01962e-05
ygyro (float): -2.72108e-05
zgyro (float): -2.36593e-05
xmag (float): 0.243118
ymag (float): -0.00465189
zmag (float): 0.398048
abs_pressure (float): 1013.09
diff_pressure (float): 220.083
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xdc9

No.	Time	Source	Destination	Protocol	Length	Info
1426	1.687575171	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 1426: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16611, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 220083374
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 48423

Message CRC: 0xe5d7

No.	Time	Source	Destination	Protocol	Length	Info
1431	1.709928803	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1431: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16662, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220100814
xacc (float): 0.202603
yacc (float): 0.00419024
zacc (float): -9.79735
xgyro (float): -0.000104595
ygyro (float): -5.60106e-05
zgyro (float): -4.7419e-05
xmag (float): 0.243389
ymag (float): -0.00433978
zmag (float): 0.398688
abs_pressure (float): 0
diff_pressure (float): 220.101
pressure_alt (float): -3.68935e+19
temperature (float): -4.32781e-21
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x9ac4

No.	Time	Source	Destination	Protocol	Length	Info
1437	1.710105290	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1437: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90894761
xacc (float): 0.202494
yacc (float): 0.00408573
zacc (float): -9.79764
xgyro (float): -8.81259e-05
ygyro (float): -2.9757e-05
zgyro (float): -3.94866e-05
xmag (float): 0.243118
ymag (float): -0.0046519
zmag (float): 0.398048
abs_pressure (float): 101309
diff_pressure (float): 0.011019
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x60f8

No.	Time	Source	Destination	Protocol	Length	Info
1439	1.710143727	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 1439: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 90894761
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x504f

No.	Time	Source	Destination	Protocol	Length	Info
1442	1.721705466	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1442: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16736, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220110656
xacc (float): 4.71067e+19
yacc (float): -4.44788e+21
zacc (float): 0
xgyro (float): 4.4784e+15
ygyro (float): -1.43866e+28
zgyro (float): -8.64332e-37
xmag (float): -9.8237e-17
ymag (float): 0
zmag (float): -0.0117188
abs_pressure (float): 1013.09
diff_pressure (float): 220.111
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x8564

No.	Time	Source	Destination	Protocol	Length	Info
1444	1.721839954	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1444: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 90922043000

Message CRC: 0x19d0

No.	Time	Source	Destination	Protocol	Length	Info
1446	1.721874314	127.0.0.1	127.0.0.1	MAVLink 1.0	83	COMMAND_LONG

Frame 1446: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (41)

Header

Payload: COMMAND_LONG (76)

param1 (float): 0
param2 (float): 0
param3 (float): 0
param4 (float): 0
param5 (float): 0
param6 (float): 0
param7 (float): 0
command (uint16): 200
target_system (uint8): 0
target_component (uint8): 0
confirmation (uint8): 0

Message CRC: 0x2e0a

No.	Time	Source	Destination	Protocol	Length	Info
1448	1.721896287	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 1448: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.134128
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xbda4

No.	Time	Source	Destination	Protocol	Length	Info
1450	1.721912454	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 1450: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 90894761
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x16c2

No.	Time	Source	Destination	Protocol	Length	Info
1453	1.731266081	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1453: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16810, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220121948
xacc (float): 0.202575
yacc (float): 0.00433647
zacc (float): -9.79753
xgyro (float): -8.05827e-05
ygyro (float): -4.54517e-05
zgyro (float): -3.47357e-05
xmag (float): 0.243701
ymag (float): -0.00437675
zmag (float): 0.39865
abs_pressure (float): 0
diff_pressure (float): 220.122

pressure_alt (float): 0
temperature (float): -6.00815e-05
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3844

No.	Time	Source	Destination	Protocol	Length	Info
1455	1.731390252	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1455: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 90922043
xacc (float): 2.35533e+19
yacc (float): -2.22394e+21
zacc (float): -3.88151e+13
xgyro (float): -3.71532e+20
ygyro (float): -7.19328e+27
zgyro (float): 8.92651e+20
xmag (float): 0.243389
ymag (float): -0.00433979
zmag (float): 0.398688
abs_pressure (float): 101309
diff_pressure (float): 0.011019
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x0584

No.	Time	Source	Destination	Protocol	Length	Info
1457	1.731436880	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1457: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)
time_usec (uint64): 90933335
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xad36

No.	Time	Source	Destination	Protocol	Length	Info
1460	1.740936792	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1460: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16884, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220131576
xacc (float): -1.59231e-05
yacc (float): -4.96875e+24
zacc (float): 0
xgyro (float): 1.24005e-14
ygyro (float): 2.12396e+27
zgyro (float): 7.5807e-06
xmag (float): -1.35104e+23
ymag (float): 0
zmag (float): -393216
abs_pressure (float): 1013.09
diff_pressure (float): 220.132
pressure_alt (float): 1019.57
temperature (float): 16.8871

fields_updated (uint32): 6719
id (uint8): 0
Message CRC: 0x0b39

No.	Time	Source	Destination	Protocol	Length	Info
1465	1.748544761	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1465: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 16958, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220141311
xacc (float): 0.202377
yacc (float): 0.00458345
zacc (float): -9.79755
xgyro (float): -6.47534e-05
ygyro (float): -4.47745e-05
zgyro (float): -1.7984e-05
xmag (float): 0.243698
ymag (float): -0.00405446
zmag (float): 0.398541
abs_pressure (float): 0
diff_pressure (float): 220.141
pressure_alt (float): -1.0842e-19
temperature (float): -2.69169e+38
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xa151

No.	Time	Source	Destination	Protocol	Length	Info
1467	1.748672014	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1467: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90942963
xacc (float): 0.10128
yacc (float): -2.48437e+24
zacc (float): -4.33605e+16
xgyro (float): -nan
ygyro (float): -inf
zgyro (float): inf
xmag (float): 0.243701
ymag (float): -0.00437676
zmag (float): 0.39865
abs_pressure (float): 101309
diff_pressure (float): 0.011019
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x6379

No.	Time	Source	Destination	Protocol	Length	Info
1470	1.755062174	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1470: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17032, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220149276
xacc (float): -4.10363e+32
yacc (float): 6.2449e-22
zacc (float): 0
xgyro (float): 2.24395e+29
ygyro (float): 18.2192
zgyro (float): -57510.2

xmag (float): 1.37008
ymag (float): 0
zmag (float): 4.23124e+24
abs_pressure (float): 2.42223e+09
diff_pressure (float): 0.00143293
pressure_alt (float): -3.68935e+19
temperature (float): 0.000236034
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0x48f2

No.	Time	Source	Destination	Protocol	Length	Info
1473	1.760392226	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1473: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17106, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220155364
xacc (float): 0.202077
yacc (float): 0.0047229
zacc (float): -9.79736
xgyro (float): -7.02464e-05
ygyro (float): -3.1191e-05
zgyro (float): -2.14121e-05
xmag (float): 0.24368
ymag (float): -0.00421868
zmag (float): 0.398959
abs_pressure (float): 1013.09
diff_pressure (float): 220.155
pressure_alt (float): 1019.57
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x892d

No.	Time	Source	Destination	Protocol	Length	Info
1477	1.771323311	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1477: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17180, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220166351
xacc (float): 0.201856
yacc (float): 0.00479534
zacc (float): -9.79734
xgyro (float): -4.43301e-05
ygyro (float): -4.01731e-05
zgyro (float): 1.30273e-05
xmag (float): 0.244087
ymag (float): -0.00346537
zmag (float): 0.398058
abs_pressure (float): 0
diff_pressure (float): 220.166
pressure_alt (float): -2
temperature (float): -1.72583e-20
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd28a

No.	Time	Source	Destination	Protocol	Length	Info
1480	1.771519096	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1480: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90966751
xacc (float): -2.05181e+32
yacc (float): 0.00236153
zacc (float): -4.89868
xgyro (float): 1.12197e+29
ygyro (float): 1.93921e+23
zgyro (float): 5.20788e+20
xmag (float): 0.24368
ymag (float): -0.00421869
zmag (float): 0.398959
abs_pressure (float): 101309
diff_pressure (float): 0.143293
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x467f

No.	Time	Source	Destination	Protocol	Length	Info
1485	1.781767718	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1485: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17254, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220177246
xacc (float): 0.201644
yacc (float): 0.00484261
zacc (float): -9.79747
xgyro (float): -4.97416e-05
ygyro (float): -2.86885e-05
zgyro (float): 6.35992e-06
xmag (float): 0.24448
ymag (float): -0.00396749
zmag (float): 0.398186
abs_pressure (float): 1013.09
diff_pressure (float): 220.177
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x0cb7

No.	Time	Source	Destination	Protocol	Length	Info
1489	1.792473632	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1489: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17328, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220187942
xacc (float): 0.201473
yacc (float): 0.00485935
zacc (float): -9.79768
xgyro (float): -3.14841e-05
ygyro (float): -4.63334e-05
zgyro (float): 2.32121e-06
xmag (float): 0.243519
ymag (float): -0.00438505
zmag (float): 0.398428
abs_pressure (float): 0
diff_pressure (float): 220.188
pressure_alt (float): -1.0842e-19
temperature (float): 1.36839e+08
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7a5f

No.	Time	Source	Destination	Protocol	Length	Info
1491	1.792603655	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1491: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 90988633
xacc (float): 0.20175
yacc (float): 0.00481914
zacc (float): -9.79741
xgyro (float): -4.70358e-05
ygyro (float): -3.44308e-05
zgyro (float): 9.69359e-06
xmag (float): 0.24448
ymag (float): -0.0039675
zmag (float): 0.398186
abs_pressure (float): 101309
diff_pressure (float): 0.143293
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xf7f6

No.	Time	Source	Destination	Protocol	Length	Info
1495	1.803221017	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1495: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17402, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220198089
xacc (float): 0.201461
yacc (float): 0.00488264
zacc (float): -9.7979
xgyro (float): -2.93783e-05
ygyro (float): -4.63076e-05
zgyro (float): 4.85113e-06
xmag (float): 0.243635
ymag (float): -0.00417391
zmag (float): 0.398688
abs_pressure (float): 1013.09
diff_pressure (float): 220.198
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xe348

No.	Time	Source	Destination	Protocol	Length	Info
1503	1.812821310	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1503: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17476, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220208267
xacc (float): 0.20152
yacc (float): 0.00488123
zacc (float): -9.79805
xgyro (float): 2.15593e-06
ygyro (float): -3.12661e-05
zgyro (float): 4.32851e-06
xmag (float): 0.243795
ymag (float): -0.00427714
zmag (float): 0.398509
abs_pressure (float): 0
diff_pressure (float): 220.208

pressure_alt (float): 1.0842e-19
temperature (float): 1.91043e-25
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1488

No.	Time	Source	Destination	Protocol	Length	Info
1506	1.813006047	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1506: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 91009476
xacc (float): 0.201467
yacc (float): 0.00487116
zacc (float): -9.79779
xgyro (float): -3.04312e-05
ygyro (float): -4.63205e-05
zgyro (float): 3.58617e-06
xmag (float): 0.243635
ymag (float): -0.00417392
zmag (float): 0.398688
abs_pressure (float): 101309
diff_pressure (float): 0.143293
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xc31a

No.	Time	Source	Destination	Protocol	Length	Info
1512	1.813052698	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 1512: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.483682
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xc967

No.	Time	Source	Destination	Protocol	Length	Info
1519	1.813102857	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 1519: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 90999329
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xbff0

No.	Time	Source	Destination	Protocol	Length	Info
1523	1.823515841	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1523: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17550, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220218383
xacc (float): 0.201593
yacc (float): 0.00486178
zacc (float): -9.79811
xgyro (float): -3.77853e-05
ygyro (float): -3.41583e-05
zgyro (float): 1.30061e-05
xmag (float): 0.242825
ymag (float): -0.00473735
zmag (float): 0.39861
abs_pressure (float): 1013.09
diff_pressure (float): 220.218
pressure_alt (float): 1019.57
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xe222

No.	Time	Source	Destination	Protocol	Length	Info
1525	1.823670505	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1525: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 91029770000

Message CRC: 0x33db

No.	Time	Source	Destination	Protocol	Length	Info
1527	1.823714076	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1527: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 91029770
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xba46

No.	Time	Source	Destination	Protocol	Length	Info
1529	1.823735401	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 1529: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0xf141

No.	Time	Source	Destination	Protocol	Length	Info
1531	1.823755120	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 1531: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x68f4

No.	Time	Source	Destination	Protocol	Length	Info
1535	1.834200041	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1535: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17624, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220228866
xacc (float): 0.201591
yacc (float): 0.00484451
zacc (float): -9.7979
xgyro (float): -2.83187e-05
ygyro (float): -3.30221e-05
zgyro (float): 2.58746e-05
xmag (float): 0.244024
ymag (float): -0.00350626
zmag (float): 0.398642
abs_pressure (float): 0
diff_pressure (float): 220.229
pressure_alt (float): -3.68935e+19
temperature (float): 7.87581e-36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3773

No.	Time	Source	Destination	Protocol	Length	Info
1538	1.834368381	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1538: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91029770
xacc (float): 0.201556
yacc (float): 0.00487168
zacc (float): -9.79808
xgyro (float): -1.78147e-05
ygyro (float): -3.27122e-05
zgyro (float): 8.66733e-06
xmag (float): 0.243795
ymag (float): -0.00427715
zmag (float): 0.398509
abs_pressure (float): 101309
diff_pressure (float): 0.143293
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xe4c0

No.	Time	Source	Destination	Protocol	Length	Info
1543	1.844854021	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1543: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17698, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220239578
xacc (float): 0.201687
yacc (float): 0.00484043
zacc (float): -9.79795
xgyro (float): -1.50114e-05
ygyro (float): -4.72183e-05
zgyro (float): 2.76512e-05
xmag (float): 0.243553
ymag (float): -0.00361116
zmag (float): 0.398857
abs_pressure (float): 1013.09
diff_pressure (float): 220.24
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x1a36

No.	Time	Source	Destination	Protocol	Length	Info
1549	1.854550354	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1549: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17772, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220250045
xacc (float): 0.201784
yacc (float): 0.00486337
zacc (float): -9.79795
xgyro (float): -2.04421e-05
ygyro (float): -5.46249e-05
zgyro (float): 3.43139e-05
xmag (float): 0.243569
ymag (float): -0.00470707
zmag (float): 0.39877
abs_pressure (float): 3.31942e+09
diff_pressure (float): -0.000914503
pressure_alt (float): 3.68935e+19
temperature (float): 1.46942e+36
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x1ec6

No.	Time	Source	Destination	Protocol	Length	Info
1551	1.854710569	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1551: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91050965
xacc (float): 0.201639
yacc (float): 0.00484264
zacc (float): -9.79792
xgyro (float): -2.16651e-05
ygyro (float): -4.01202e-05
zgyro (float): 2.67629e-05
xmag (float): 0.244024
ymag (float): -0.00350627
zmag (float): 0.398642
abs_pressure (float): 101309
diff_pressure (float): 0.143293
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511

id (uint8): 0
Message CRC: 0x2d8f

No.	Time	Source	Destination	Protocol	Length	Info
1561	1.867383459	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1561: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17846, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 220261795
xacc (float): 0.201862
yacc (float): 0.00488947
zacc (float): -9.79789
xgyro (float): -1.09168e-05
ygyro (float): -3.51738e-05
zgyro (float): 3.21522e-05
xmag (float): 0.243786
ymag (float): -0.00409602
zmag (float): 0.398565
abs_pressure (float): 1013.09
diff_pressure (float): 220.262
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xfadc

No.	Time	Source	Destination	Protocol	Length	Info
1563	1.867553898	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1563: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 91061432
xacc (float): 0.201736
yacc (float): 0.00485207
zacc (float): -9.79795
xgyro (float): -1.77267e-05
ygyro (float): -5.09216e-05
zgyro (float): 3.09826e-05
xmag (float): 0.243569
ymag (float): -0.00470708
zmag (float): 0.39877
abs_pressure (float): 101309
diff_pressure (float): -0.0914503
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x838a

No.	Time	Source	Destination	Protocol	Length	Info
1567	1.879118401	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1567: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17920, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 220273727
xacc (float): 0.201925
yacc (float): 0.00493204
zacc (float): -9.79782
xgyro (float): -1.18989e-05
ygyro (float): -5.46528e-05
zgyro (float): 4.47736e-05
xmag (float): 0.243661

ymag (float): -0.00435962
zmag (float): 0.398549
abs_pressure (float): 0
diff_pressure (float): 220.274
pressure_alt (float): 3.68935e+19
temperature (float): 1.41895e+38
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xcb6d

No.	Time	Source	Destination	Protocol	Length	Info
1573	1.888778856	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1573: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 17994, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220284423
xacc (float): 0.201969
yacc (float): 0.00497907
zacc (float): -9.79775
xgyro (float): -2.45255e-05
ygyro (float): -3.80701e-05
zgyro (float): 2.67988e-05
xmag (float): 0.243712
ymag (float): -0.0040022
zmag (float): 0.398232
abs_pressure (float): 1013.09
diff_pressure (float): 220.284
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x79e8

No.	Time	Source	Destination	Protocol	Length	Info
1574	1.888811019	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 1574: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18068, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 220284423
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 52668

Message CRC: 0x0fb3

No.	Time	Source	Destination	Protocol	Length	Info
1577	1.888941607	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1577: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91085114
xacc (float): 0.201894

yacc (float): 0.00491093
zacc (float): -9.79786
xgyro (float): -1.14079e-05
ygyro (float): -4.49133e-05
zgyro (float): 3.84629e-05
xmag (float): 0.243661
ymag (float): -0.00435962
zmag (float): 0.398549
abs_pressure (float): 101309
diff_pressure (float): -0.0914503
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x4389

No.	Time	Source	Destination	Protocol	Length	Info
1579	1.888999663	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 1579: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 91095810
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x3373

No.	Time	Source	Destination	Protocol	Length	Info
1583	1.901666350	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1583: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18119, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220294952
xacc (float): 0.201995
yacc (float): 0.00503221
zacc (float): -9.79762
xgyro (float): -2.83663e-05
ygyro (float): -3.79993e-05
zgyro (float): 4.95516e-05
xmag (float): 0.243426
ymag (float): -0.00399419
zmag (float): 0.398358
abs_pressure (float): 0
diff_pressure (float): 220.295
pressure_alt (float): 2
temperature (float): 2.69778e+10
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5a0d

No.	Time	Source	Destination	Protocol	Length	Info
1589	1.911378557	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1589: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18193, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220307098
xacc (float): 0.201994
yacc (float): 0.00510358
zacc (float): -9.79749
xgyro (float): -5.04576e-06
ygyro (float): -4.29038e-05
zgyro (float): 3.24522e-05
xmag (float): 0.24396
ymag (float): -0.00347827
zmag (float): 0.398444
abs_pressure (float): 1013.09
diff_pressure (float): 220.307
pressure_alt (float): 1019.58
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x146b

No.	Time	Source	Destination	Protocol	Length	Info
1591	1.911600967	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 1591: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 18570, Dst Port: 14550

MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.386402
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xec33

No.	Time	Source	Destination	Protocol	Length	Info
1592	1.911627823	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1592: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91106339
xacc (float): 0.201982
yacc (float): 0.00500581
zacc (float): -9.79768
xgyro (float): -2.64459e-05
ygyro (float): -3.80347e-05
zgyro (float): 3.81752e-05
xmag (float): 0.243426
ymag (float): -0.0039942
zmag (float): 0.398358
abs_pressure (float): 101309
diff_pressure (float): -0.0914503
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x3b38

No.	Time	Source	Destination	Protocol	Length	Info
1594	1.911680190	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 1594: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.386402
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xc3b0

No.	Time	Source	Destination	Protocol	Length	Info
1596	1.911698547	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 1596: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 91095810
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xf93f

No.	Time	Source	Destination	Protocol	Length	Info
1600	1.922050148	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1600: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18267, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220317337
xacc (float): 0.201907
yacc (float): 0.0051796
zacc (float): -9.79732
xgyro (float): -9.35275e-06
ygyro (float): -3.10662e-05
zgyro (float): 3.94151e-05
xmag (float): 0.243331
ymag (float): -0.00406297
zmag (float): 0.398612
abs_pressure (float): 0
diff_pressure (float): 220.317
pressure_alt (float): -1.0842e-19
temperature (float): 8.52742e-09
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1974

No.	Time	Source	Destination	Protocol	Length	Info
1603	1.922272558	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1603: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 91128724000

Message CRC: 0xa6b4

No.	Time	Source	Destination	Protocol	Length	Info
1606	1.922311781	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1606: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 91128724
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xf502

No.	Time	Source	Destination	Protocol	Length	Info
1610	1.931615387	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1610: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18341, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220327117
xacc (float): 6.61448e-34
yacc (float): -7.5348e-39
zacc (float): 0
xgyro (float): -1.19345e-30
ygyro (float): -0.238751
zgyro (float): -8.58702e-32
xmag (float): 4.23003e-17
ymag (float): 0
zmag (float): -6.61744e-24
abs_pressure (float): 1013.09
diff_pressure (float): 220.327
pressure_alt (float): 1019.58
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x0e47

No.	Time	Source	Destination	Protocol	Length	Info
1612	1.931774544	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1612: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91128724
xacc (float): 0.20195
yacc (float): 0.00514176
zacc (float): -9.7974
xgyro (float): -7.19925e-06
ygyro (float): -3.6985e-05
zgyro (float): 3.59337e-05
xmag (float): 0.243331
ymag (float): -0.00406297
zmag (float): 0.398612
abs_pressure (float): 101309
diff_pressure (float): -0.0914503
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x17ff

No.	Time	Source	Destination	Protocol	Length	Info
1615	1.937035439	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1615: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18415, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220332122
xacc (float): 0.201728
yacc (float): 0.00536258
zacc (float): -9.79631
xgyro (float): 1.49413e-06
ygyro (float): -1.71167e-05
zgyro (float): 6.37621e-05
xmag (float): 0.244141
ymag (float): -0.00395735
zmag (float): 0.398312
abs_pressure (float): 0
diff_pressure (float): 220.332
pressure_alt (float): -2
temperature (float): -1.15484e-06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x01c5

No.	Time	Source	Destination	Protocol	Length	Info
1619	1.946649011	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1619: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18489, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220342224
xacc (float): 0.20126
yacc (float): 0.00559136
zacc (float): -9.79566
xgyro (float): 4.84087e-05
ygyro (float): -1.74031e-05
zgyro (float): 5.20621e-05
xmag (float): 0.243613
ymag (float): -0.00337068
zmag (float): 0.398431
abs_pressure (float): 0
diff_pressure (float): 220.342
pressure_alt (float): -0
temperature (float): -1.60936e-19
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd3a7

No.	Time	Source	Destination	Protocol	Length	Info
1621	1.946846001	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1621: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91153611
xacc (float): 0.201494
yacc (float): 0.00547714
zacc (float): -9.79599
xgyro (float): 2.49485e-05
ygyro (float): -1.72599e-05
zgyro (float): 5.79133e-05
xmag (float): 0.243613
ymag (float): -0.00337069
zmag (float): 0.398431
abs_pressure (float): 101309
diff_pressure (float): -0.0914503
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x5399

No. Time Source Destination Protocol Length Info
1624 1.952017363 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1624: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18563, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220347290
xacc (float): -1.24795e+34
yacc (float): 5.68784e-36
zacc (float): 0
xgyro (float): -1.59066e-35
ygyro (float): -5.26441e-20
zgyro (float): -3.76133
xmag (float): 1.00491e+15
ymag (float): 0
zmag (float): 0.101562
abs_pressure (float): 1013.09
diff_pressure (float): 220.347
pressure_alt (float): 1019.58
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x6e48

No. Time Source Destination Protocol Length Info
1628 1.952177005 127.0.0.1 127.0.0.1 MAVLink 1.0 92 ESTIMATOR_STATUS
Frame 1628: 92 bytes on wire (736 bits), 92 bytes captured (736 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (50)

Header

Payload: ESTIMATOR_STATUS (230)

time_usec (uint64): 91153611
vel_ratio (float): 0
pos_horiz_ratio (float): 0
pos_vert_ratio (float): nan
mag_ratio (float): 0
hagl_ratio (float): 0
tas_ratio (float): 0
pos_horiz_accuracy (float): 0
pos_vert_accuracy (float): 0
flags (uint16): 228

Message CRC: 0x49e6

No. Time Source Destination Protocol Length Info
1631 1.957335432 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 1631: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18637, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220352310
xacc (float): 0.200152
yacc (float): 0.00562735
zacc (float): -9.79865
xgyro (float): 5.7834e-05
ygyro (float): -1.37944e-05
zgyro (float): 3.65525e-05
xmag (float): 0.243973
ymag (float): -0.00426493
zmag (float): 0.398424
abs_pressure (float): -17.2201
diff_pressure (float): -0.00235526
pressure_alt (float): 1.0842e-19
temperature (float): 1.06627e+27
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x290c

No.	Time	Source	Destination	Protocol	Length	Info
1635	1.968063209	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1635: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18711, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220363098
xacc (float): 0.200228
yacc (float): 0.0054469
zacc (float): -9.79863
xgyro (float): 6.18496e-05
ygyro (float): -2.20817e-05
zgyro (float): 4.61427e-05
xmag (float): 0.243007
ymag (float): -0.00285596
zmag (float): 0.399045
abs_pressure (float): 0
diff_pressure (float): 220.363
pressure_alt (float): -0
temperature (float): -1.88127e-07
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3fc2

No.	Time	Source	Destination	Protocol	Length	Info
1637	1.968219250	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1637: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91163697
xacc (float): -6.23973e+33
yacc (float): 0.00281376
zacc (float): -4.89932
xgyro (float): 2.89184e-05
ygyro (float): -6.8681e-06
zgyro (float): -1.88065
xmag (float): 0.243973
ymag (float): -0.00426493
zmag (float): 0.398424
abs_pressure (float): 101309
diff_pressure (float): -0.235526
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0xd127

No.	Time	Source	Destination	Protocol	Length	Info
1640	1.972322690	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1640: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18785, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220368011
xacc (float): 0
yacc (float): -4.33723e+30
zacc (float): 0
xgyro (float): -5.36503e+25
ygyro (float): 4.34287e+22
zgyro (float): 2.48316e-18
xmag (float): -0.00609791
ymag (float): 0

zmag (float): 4.70198e-38
abs_pressure (float): 1013.09
diff_pressure (float): 220.368
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x6883

No.	Time	Source	Destination	Protocol	Length	Info
1643	1.977686405	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1643: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18859, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220373214
xacc (float): 0.201192
yacc (float): 0.00537462
zacc (float): -9.79642
xgyro (float): 5.86115e-05
ygyro (float): -2.17036e-05
zgyro (float): 4.13967e-05
xmag (float): 0.243402
ymag (float): -0.00496757
zmag (float): 0.398854
abs_pressure (float): 0
diff_pressure (float): 220.373
pressure_alt (float): 3.68935e+19
temperature (float): -0.05896
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf945

No.	Time	Source	Destination	Protocol	Length	Info
1648	1.992605035	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1648: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 18933, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220388107
xacc (float): 0.200962
yacc (float): 0.00532846
zacc (float): -9.79747
xgyro (float): 5.35622e-05
ygyro (float): -2.71995e-05
zgyro (float): 4.69609e-05
xmag (float): 0.243574
ymag (float): -0.00341997
zmag (float): 0.398386
abs_pressure (float): 1013.09
diff_pressure (float): 220.388
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x38d5

No.	Time	Source	Destination	Protocol	Length	Info
1654	1.992806238	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1654: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91184601
xacc (float): 0.100596

yacc (float): -2.16861e+30
zacc (float): -3.78495e+22
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243402
ymag (float): -0.00496757
zmag (float): 0.398854
abs_pressure (float): 101309
diff_pressure (float): -0.235526
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x8519

No.	Time	Source	Destination	Protocol	Length	Info
1658	2.002217302	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1658: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19007, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220398208
xacc (float): 0.20094
yacc (float): 0.00536097
zacc (float): -9.79762
xgyro (float): 4.78614e-05
ygyro (float): -1.44206e-05
zgyro (float): 5.56316e-05
xmag (float): 0.244041
ymag (float): -0.00370069
zmag (float): 0.399326
abs_pressure (float): 0
diff_pressure (float): 220.398
pressure_alt (float): 1.0842e-19
temperature (float): 3.4622e-38
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3ee1

No.	Time	Source	Destination	Protocol	Length	Info
1660	2.002361122	127.0.0.1	127.0.0.1	MAVLink 2.0	63	HEARTBEAT

Frame 1660: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (21)

Header

Payload: HEARTBEAT (0)
custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3

Message CRC: 0x8a7a

No.	Time	Source	Destination	Protocol	Length	Info
1661	2.002375990	127.0.0.1	127.0.0.1	MAVLink 2.0	86	ALTITUDE

Frame 1661: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (44)

Header

Payload: ALTITUDE (141)
time_usec (uint64): 91209595
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan

```
altitude_terrain (float): nan
bottom_clearance (float): nan
Message CRC: 0xd55b
No.      Time          Source          Destination      Protocol Length Info
1662 2.002381330 127.0.0.1      127.0.0.1      MAVLink 2.0 56   EXTENDED_SYS_STATE
Frame 1662: 56 bytes on wire (448 bits), 56 bytes captured (448 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (14)
Header
Payload: EXTENDED_SYS_STATE (245)
  vtol_state (uint8): 0
  landed_state (uint8): 1
Message CRC: 0x1da5
No.      Time          Source          Destination      Protocol Length Info
1663 2.002386211 127.0.0.1      127.0.0.1      MAVLink 2.0 97   GPS_RAW_INT
Frame 1663: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (55)
Header
Payload: GPS_RAW_INT (24)
  time_usec (uint64): 91095810
  lat (int32): 295401477
  lon (int32): -984775390
  alt (int32): 1019
  eph (uint16): 0
  epv (uint16): 0
  vel (uint16): 0
  cog (uint16): 29534
  fix_type (uint8): 3
  satellites_visible (uint8): 8
  alt_ellipsoid (int32): 0
  h_acc (uint32): 10
  v_acc (uint32): 10
  vel_acc (uint32): 250
  hdg_acc (uint32): 0
  yaw (uint16): 0
Message CRC: 0x9793
No.      Time          Source          Destination      Protocol Length Info
1664 2.002391794 127.0.0.1      127.0.0.1      MAVLink 2.0 85   SYS_STATUS
Frame 1664: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (43)
Header
Payload: SYS_STATUS (1)
  onboard_control_sensors_present (uint32): 270532671
  onboard_control_sensors_enabled (uint32): 270598207
  onboard_control_sensors_health (uint32): 270532639
  load (uint16): 0
  voltage_battery (uint16): 16200
  current_battery (int16): -100
  drop_rate_comm (uint16): 0
  errors_comm (uint16): 0
  errors_count1 (uint16): 0
  errors_count2 (uint16): 0
  errors_count3 (uint16): 0
  errors_count4 (uint16): 0
  battery_remaining (int8): 100
Message CRC: 0xc6d8
No.      Time          Source          Destination      Protocol Length Info
1670 2.017172442 127.0.0.1      127.0.0.1      MAVLink 2.0 140  HIL_SENSOR
Frame 1670: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19081, Ack: 1, Len: 74
MAVLink Protocol (74)
```

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220413131
xacc (float): 0.200887
yacc (float): 0.00540797
zacc (float): -9.79764
xgyro (float): 5.35643e-05
ygyro (float): -1.64652e-05
zgyro (float): 4.52241e-05
xmag (float): 0.243834
ymag (float): -0.00353346
zmag (float): 0.398507
abs_pressure (float): 1013.09
diff_pressure (float): 220.413
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xf3de

No.	Time	Source	Destination	Protocol	Length	Info
1674	2.017350842	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1674: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 91224518000

Message CRC: 0x723b

No.	Time	Source	Destination	Protocol	Length	Info
1676	2.017387203	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1676: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91224518
xacc (float): 0.200913
yacc (float): 0.00538464
zacc (float): -9.79763
xgyro (float): 5.07129e-05
ygyro (float): -1.54429e-05
zgyro (float): 5.04278e-05
xmag (float): 0.243834
ymag (float): -0.00353347
zmag (float): 0.398507
abs_pressure (float): 101309
diff_pressure (float): -0.235526
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xf942

No.	Time	Source	Destination	Protocol	Length	Info
1678	2.017411305	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 1678: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0xb42b

No.	Time	Source	Destination	Protocol	Length	Info
1680	2.017438346	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 1680: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x006e

No.	Time	Source	Destination	Protocol	Length	Info
1682	2.017461320	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 1682: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.620107
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xa0e7

No.	Time	Source	Destination	Protocol	Length	Info
1684	2.017481441	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 1684: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 91199494
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xe8b2

No.	Time	Source	Destination	Protocol	Length	Info
1689	2.032145397	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1689: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19155, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220427902
xacc (float): 0.200805
yacc (float): 0.00544628
zacc (float): -9.79773
xgyro (float): 6.73469e-05
ygyro (float): -1.55834e-05

zgyro (float): 3.89352e-05
xmag (float): 0.242645
ymag (float): -0.00396687
zmag (float): 0.39825
abs_pressure (float): 0
diff_pressure (float): 220.428
pressure_alt (float): 3.68935e+19
temperature (float): -5.01576e+36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x569b

No.	Time	Source	Destination	Protocol	Length	Info
1692	2.032295245	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1692: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 91239289
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x51e9

No.	Time	Source	Destination	Protocol	Length	Info
1697	2.042907028	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1697: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19229, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220438018
xacc (float): 0.200757
yacc (float): 0.00547326
zacc (float): -9.79783
xgyro (float): 8.4291e-05
ygyro (float): -9.78101e-06
zgyro (float): 4.44169e-05
xmag (float): 0.243891
ymag (float): -0.00365739
zmag (float): 0.398167
abs_pressure (float): 1013.09
diff_pressure (float): 220.438
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x030f

No.	Time	Source	Destination	Protocol	Length	Info
1699	2.043068659	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1699: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91239289
xacc (float): 0.200846
yacc (float): 0.0054273
zacc (float): -9.79769
xgyro (float): 6.04556e-05
ygyro (float): -1.60243e-05
zgyro (float): 4.20797e-05
xmag (float): 0.242645

ymag (float): -0.00396687
zmag (float): 0.39825
abs_pressure (float): 101309
diff_pressure (float): -0.235526
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x9eec

No.	Time	Source	Destination	Protocol	Length	Info
1709	2.053728030	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1709: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19303, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220448745
xacc (float): 0.200769
yacc (float): 0.00550464
zacc (float): -9.79791
xgyro (float): 9.13204e-05
ygyro (float): -1.27133e-05
zgyro (float): 5.40465e-05
xmag (float): 0.243108
ymag (float): -0.003931
zmag (float): 0.398971
abs_pressure (float): 0
diff_pressure (float): 220.449
pressure_alt (float): 1.0842e-19
temperature (float): -1.05012e+12
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xadc7

No.	Time	Source	Destination	Protocol	Length	Info
1712	2.059047436	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1712: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19377, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220454132
xacc (float): 0.200769
yacc (float): 0.00550464
zacc (float): -9.79791
xgyro (float): 9.13204e-05
ygyro (float): -1.27133e-05
zgyro (float): 5.40465e-05
xmag (float): 0
ymag (float): -2.96239e+22
zmag (float): 5.61196e+27
abs_pressure (float): 0
diff_pressure (float): 0.000768182
pressure_alt (float): 2
temperature (float): -3.19232e+24
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0x17cb

No.	Time	Source	Destination	Protocol	Length	Info
1714	2.059225081	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1714: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91265519

xacc (float): 0.200769
yacc (float): 0.00550481
zacc (float): -9.79791
xgyro (float): 9.13204e-05
ygyro (float): -1.27133e-05
zgyro (float): 5.40465e-05
xmag (float): 0.243108
ymag (float): -0.00393101
zmag (float): 0.398971
abs_pressure (float): 101309
diff_pressure (float): 0.0768182
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0xeff9

No.	Time	Source	Destination	Protocol	Length	Info
1717	2.066552749	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1717: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19451, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220459518
xacc (float): 0.200792
yacc (float): 0.00552746
zacc (float): -9.798
xgyro (float): 0.000103732
ygyro (float): -1.36164e-05
zgyro (float): 3.39e-05
xmag (float): 0.244086
ymag (float): -0.00438724
zmag (float): 0.398451
abs_pressure (float): 1013.09
diff_pressure (float): 220.46
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x89ed

No.	Time	Source	Destination	Protocol	Length	Info
1725	2.078276674	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1725: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19525, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220472747
xacc (float): 0.200862
yacc (float): 0.00554595
zacc (float): -9.798
xgyro (float): 0.000107524
ygyro (float): 3.39544e-07
zgyro (float): 3.86474e-05
xmag (float): 0.24382
ymag (float): -0.00394672
zmag (float): 0.39795
abs_pressure (float): 0
diff_pressure (float): 220.473
pressure_alt (float): -2
temperature (float): 3.40849e+14
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd124

No.	Time	Source	Destination	Protocol	Length	Info
1727	2.078452602	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1727: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 91270905
xacc (float): 0.20078
yacc (float): 0.00551622
zacc (float): -9.79796
xgyro (float): 9.75264e-05
ygyro (float): -1.31649e-05
zgyro (float): 4.39733e-05
xmag (float): 0.244086
ymag (float): -0.00438724
zmag (float): 0.398451
abs_pressure (float): 101309
diff_pressure (float): 0.0768182
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xcae9

No.	Time	Source	Destination	Protocol	Length	Info
1731	2.094334917	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1731: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19599, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220483459
xacc (float): 0.20091
yacc (float): 0.00556978
zacc (float): -9.798
xgyro (float): 0.000120085
ygyro (float): 8.67106e-06
zgyro (float): 3.71273e-05
xmag (float): 0.243695
ymag (float): -0.00441931
zmag (float): 0.398402
abs_pressure (float): 1013.09
diff_pressure (float): 220.483
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x3190

No.	Time	Source	Destination	Protocol	Length	Info
1734	2.110435230	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1734: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19673, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220494491
xacc (float): 0.20099
yacc (float): 0.00558929
zacc (float): -9.79806
xgyro (float): 0.00012332
ygyro (float): 8.82342e-06
zgyro (float): 3.43469e-05
xmag (float): 0.244226
ymag (float): -0.00423908
zmag (float): 0.398492
abs_pressure (float): 0
diff_pressure (float): 220.494
pressure_alt (float): -3.68935e+19

temperature (float): 9.98378e-06

fields_updated (uint32): 511

id (uint8): 0

Message CRC: 0x29ab

No.	Time	Source	Destination	Protocol	Length	Info
1735	2.110465002	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 1735: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19747, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 220494491

lat (int32): 295401477

lon (int32): -984775390

alt (int32): 1019

eph (uint16): 1

epv (uint16): 1

vel (uint16): 0

vn (int16): -1

ve (int16): -1

vd (int16): -1

cog (uint16): 65535

fix_type (uint8): 3

satellites_visible (uint8): 8

id (uint8): 1

yaw (uint16): 335

Message CRC: 0x1aed

No.	Time	Source	Destination	Protocol	Length	Info
1737	2.110596352	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1737: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91294846

xacc (float): 0.200886

yacc (float): 0.00555804

zacc (float): -9.798

xgyro (float): 0.000113805

ygyro (float): 4.5053e-06

zgyro (float): 3.78874e-05

xmag (float): 0.243695

ymag (float): -0.00441931

zmag (float): 0.398402

abs_pressure (float): 101309

diff_pressure (float): 0.0768182

pressure_alt (float): 1.32399

temperature (float): 16.8871

fields_updated (uint16): 7167

id (uint8): 0

Message CRC: 0x7563

No.	Time	Source	Destination	Protocol	Length	Info
1741	2.110631779	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 1741: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 91305878

lat (int32): 295401477

lon (int32): -984775390

alt (int32): 1019

eph (uint16): 0

epv (uint16): 0

vel (uint16): 0

cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x2234

No.	Time	Source	Destination	Protocol	Length	Info
1746	2.124325621	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1746: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19798, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220510757
xacc (float): 0.20088
yacc (float): 0.00558398
zacc (float): -9.79808
xgyro (float): 0.000143896
ygyro (float): -1.43224e-06
zgyro (float): 3.82424e-05
xmag (float): 0.243449
ymag (float): -0.00406242
zmag (float): 0.398679
abs_pressure (float): 1013.09
diff_pressure (float): 220.511
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xc560

No.	Time	Source	Destination	Protocol	Length	Info
1748	2.124483922	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1748: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 91322144000

Message CRC: 0x943a

No.	Time	Source	Destination	Protocol	Length	Info
1750	2.124520166	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 1750: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.354143
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x5006

No.	Time	Source	Destination	Protocol	Length	Info
1752	2.124535497	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 1752: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 91294846
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xb15f

No.	Time	Source	Destination	Protocol	Length	Info
1755	2.134152489	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1755: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19872, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220524414
xacc (float): 0.200787
yacc (float): 0.00556983
zacc (float): -9.79814
xgyro (float): 0.000133798
ygyro (float): 1.04819e-05
zgyro (float): 3.18166e-05
xmag (float): 0.244044
ymag (float): -0.00327739
zmag (float): 0.398633
abs_pressure (float): 0
diff_pressure (float): 220.524
pressure_alt (float): 0
temperature (float): -3.32307e+36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1085

No.	Time	Source	Destination	Protocol	Length	Info
1757	2.134285142	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1757: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91322144
xacc (float): 0.200935
yacc (float): 0.00558681
zacc (float): -9.79807
xgyro (float): 0.000133608
ygyro (float): 3.69559e-06
zgyro (float): 3.62947e-05
xmag (float): 0.243449
ymag (float): -0.00406242
zmag (float): 0.398679
abs_pressure (float): 101309
diff_pressure (float): 0.0768182
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xa7f4

No.	Time	Source	Destination	Protocol	Length	Info
1759	2.134307675	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1759: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 91335801
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x279c

No.	Time	Source	Destination	Protocol	Length	Info
1762	2.141752846	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1762: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 19946, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220534103
xacc (float): 0
yacc (float): -1.95678e-28
zacc (float): 0
xgyro (float): -6.01272e-21
ygyro (float): -9.19583e+06
zgyro (float): -1.63117e-05
xmag (float): -1.34698e+10
ymag (float): 0
zmag (float): -4.33681e-16
abs_pressure (float): 1013.09
diff_pressure (float): 220.534
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x9d44

No.	Time	Source	Destination	Protocol	Length	Info
1767	2.148108936	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1767: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20020, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220541580
xacc (float): 0.200759
yacc (float): 0.00555448
zacc (float): -9.79798
xgyro (float): 0.000123157
ygyro (float): 1.7004e-05
zgyro (float): 3.95398e-05
xmag (float): 0.243851
ymag (float): -0.00460368
zmag (float): 0.398675
abs_pressure (float): 0
diff_pressure (float): 220.542
pressure_alt (float): -1.0842e-19
temperature (float): 2.97914e-24
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc3a4

No.	Time	Source	Destination	Protocol	Length	Info
1771	2.171924306	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1771: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20094, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220558593
xacc (float): 0.200742
yacc (float): 0.00550339
zacc (float): -9.79792
xgyro (float): 0.000122722
ygyro (float): 1.75544e-05
zgyro (float): 1.77357e-05
xmag (float): 0.24371
ymag (float): -0.00423107
zmag (float): 0.398747
abs_pressure (float): 1013.09
diff_pressure (float): -0.000172641
pressure_alt (float): 1019.57
temperature (float): 16.887
fields_updated (uint32): 8191
id (uint8): 0

Message CRC: 0xfe97

No.	Time	Source	Destination	Protocol	Length	Info
1773	2.172075520	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1773: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91352967
xacc (float): 0.100379
yacc (float): 0.00277733
zacc (float): -4.89899
xgyro (float): -0.0142743
ygyro (float): -4.59791e+06
zgyro (float): -0.0999889
xmag (float): 0.244044
ymag (float): -0.0032774
zmag (float): 0.398633
abs_pressure (float): 101309
diff_pressure (float): 0.0768182
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x7d62

No.	Time	Source	Destination	Protocol	Length	Info
1774	2.172081626	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 1774: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.354143
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x7021

No.	Time	Source	Destination	Protocol	Length	Info
1777	2.181723472	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1777: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20168, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220572082
xacc (float): 0.200872
yacc (float): 0.0054731

zacc (float): -9.79792
xgyro (float): 0.00011908
ygyro (float): 2.55135e-05
zgyro (float): 4.84068e-05
xmag (float): 0.244038
ymag (float): -0.00387021
zmag (float): 0.398774
abs_pressure (float): 0
diff_pressure (float): 220.572
pressure_alt (float): -0
temperature (float): 4.07304e+22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb9ad

No.	Time	Source	Destination	Protocol	Length	Info
1784	2.189268447	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1784: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20242, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220582000
xacc (float): -1.0033e+18
yacc (float): -1.34108e-23
zacc (float): 0
xgyro (float): -1.16738e+16
ygyro (float): 3.99618e+29
zgyro (float): 2.64726e+36
xmag (float): -1.44626e-17
ymag (float): 0
zmag (float): -80
abs_pressure (float): 1013.09
diff_pressure (float): 220.582
pressure_alt (float): 1019.57
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x6d89

No.	Time	Source	Destination	Protocol	Length	Info
1786	2.189393423	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1786: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91383469
xacc (float): 0.200807
yacc (float): 0.00548842
zacc (float): -9.79792
xgyro (float): 0.000120901
ygyro (float): 2.15339e-05
zgyro (float): 3.30712e-05
xmag (float): 0.244038
ymag (float): -0.00387022
zmag (float): 0.398774
abs_pressure (float): 101309
diff_pressure (float): -0.0172641
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x2690

No.	Time	Source	Destination	Protocol	Length	Info
1793	2.195673290	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1793: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20316, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220589828
xacc (float): 0.201057
yacc (float): 0.00547656
zacc (float): -9.79787
xgyro (float): 0.00012061
ygyro (float): 3.67079e-05
zgyro (float): 2.78083e-05
xmag (float): 0.243436
ymag (float): -0.00393944
zmag (float): 0.39843
abs_pressure (float): 0
diff_pressure (float): 220.59
pressure_alt (float): -3.68935e+19
temperature (float): 1.51366e-33
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb532

No.	Time	Source	Destination	Protocol	Length	Info
1799	2.208541173	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1799: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20390, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220602844
xacc (float): 0.201314
yacc (float): 0.00544158
zacc (float): -9.79803
xgyro (float): 0.000142402
ygyro (float): 3.1855e-05
zgyro (float): 3.93467e-05
xmag (float): 0.244
ymag (float): -0.00450476
zmag (float): 0.397909
abs_pressure (float): 1013.09
diff_pressure (float): 220.603
pressure_alt (float): 1019.57
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x0111

No.	Time	Source	Destination	Protocol	Length	Info
1802	2.208697260	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1802: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91401215
xacc (float): -5.0165e+17
yacc (float): 0.00273836
zacc (float): -4.89894
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243436
ymag (float): -0.00393944
zmag (float): 0.39843
abs_pressure (float): 101309
diff_pressure (float): -0.0172641
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511

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id (uint8): 0
Message CRC: 0xbcca
No.      Time          Source          Destination      Protocol Length Info
 1805 2.208743674    127.0.0.1      127.0.0.1       MAVLink 1.0 70    VFR_HUD
Frame 1805: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)
  Header
  Payload: VFR_HUD (74)
    airspeed (float): -0.167888
    groundspeed (float): 0
    alt (float): 1.32399
    climb (float): 0
    heading (int16): 0
    throttle (uint16): 0
  Message CRC: 0x1e46
No.      Time          Source          Destination      Protocol Length Info
 1807 2.208760979    127.0.0.1      127.0.0.1       MAVLink 1.0 90    WIND_COV
Frame 1807: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)
  Header
  Payload: WIND_COV (231)
    time_usec (uint64): 91393387
    wind_x (float): 0
    wind_y (float): 0
    wind_z (float): 0
    var_horiz (float): 0
    var_vert (float): 0
    wind_alt (float): nan
    horiz_accuracy (float): 0
    vert_accuracy (float): 0
  Message CRC: 0xf6e4
No.      Time          Source          Destination      Protocol Length Info
 1811 2.219213466    127.0.0.1      127.0.0.1       MAVLink 2.0 140   HIL_SENSOR
Frame 1811: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20464, Ack: 1, Len: 74
MAVLink Protocol (74)
  Header
  Payload: HIL_SENSOR (107)
    time_usec (uint64): 220614135
    xacc (float): 0.201521
    yacc (float): 0.00539875
    zacc (float): -9.79809
    xgyro (float): 0.000120924
    ygyro (float): 4.31823e-05
    zgyro (float): 2.73706e-05
    xmag (float): 0.24414
    ymag (float): -0.00419289
    zmag (float): 0.398587
    abs_pressure (float): 0
    diff_pressure (float): 220.614
    pressure_alt (float): 0
    temperature (float): -7.79902e+28
    fields_updated (uint32): 511
    id (uint8): 0
  Message CRC: 0x4b13
No.      Time          Source          Destination      Protocol Length Info
 1815 2.219395129    127.0.0.1      127.0.0.1       MAVLink 1.0 59    HEARTBEAT
Frame 1815: 59 bytes on wire (472 bits), 59 bytes captured (472 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (17)
  Header
```


Payload: HEARTBEAT (0)
custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3

Message CRC: 0x4431

No.	Time	Source	Destination	Protocol	Length	Info
1817	2.219450965	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1817: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)
tc1 (int64): 0
ts1 (int64): 91425522000

Message CRC: 0xcc0f

No.	Time	Source	Destination	Protocol	Length	Info
1819	2.219479856	127.0.0.1	127.0.0.1	MAVLink 1.0	83	COMMAND_LONG

Frame 1819: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (41)

Header

Payload: COMMAND_LONG (76)
param1 (float): 0
param2 (float): 0
param3 (float): 0
param4 (float): 0
param5 (float): 0
param6 (float): 0
param7 (float): 0
command (uint16): 200
target_system (uint8): 0
target_component (uint8): 0
confirmation (uint8): 0

Message CRC: 0xc008

No.	Time	Source	Destination	Protocol	Length	Info
1821	2.219502209	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 1821: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)
vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x14e3

No.	Time	Source	Destination	Protocol	Length	Info
1823	2.219524545	127.0.0.1	127.0.0.1	MAVLink 1.0	64	PING

Frame 1823: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (22)

Header

Payload: PING (4)
time_usec (uint64): 91425522
seq (uint32): 90
target_system (uint8): 0
target_component (uint8): 0

Message CRC: 0x619a

No.	Time	Source	Destination	Protocol	Length	Info
1825	2.219548542	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 1825: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0xfebc

No.	Time	Source	Destination	Protocol	Length	Info
1827	2.219570126	127.0.0.1	127.0.0.1	MAVLink 1.0	62	SYSTEM_TIME

Frame 1827: 62 bytes on wire (496 bits), 62 bytes captured (496 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (20)

Header

Payload: SYSTEM_TIME (2)

time_unix_usec (uint64): 1647986459859603
time_boot_ms (uint32): 91425

Message CRC: 0xce01

No.	Time	Source	Destination	Protocol	Length	Info
1831	2.229900174	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1831: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20538, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220624877
xacc (float): 0.201674
yacc (float): 0.00535528
zacc (float): -9.79806
xgyro (float): 0.000113997
ygyro (float): 3.72388e-05
zgyro (float): 3.94421e-05
xmag (float): 0.244133
ymag (float): -0.00543734
zmag (float): 0.398479
abs_pressure (float): 1013.09
diff_pressure (float): 220.625
pressure_alt (float): 1019.57
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x1647

No.	Time	Source	Destination	Protocol	Length	Info
1837	2.230061854	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1837: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91425522
xacc (float): 0.201417
yacc (float): 0.00542034
zacc (float): -9.79806
xgyro (float): 0.000131663

ygyro (float): 3.75186e-05
zgyro (float): 3.33587e-05
xmag (float): 0.24414
ymag (float): -0.00419289
zmag (float): 0.398587
abs_pressure (float): 101309
diff_pressure (float): -0.0172641
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xff5a

No.	Time	Source	Destination	Protocol	Length	Info
1839	2.230099935	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1839: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 91436264
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xf17

No.	Time	Source	Destination	Protocol	Length	Info
1843	2.244958208	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1843: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20612, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220636199
xacc (float): 0.201714
yacc (float): 0.00527433
zacc (float): -9.79848
xgyro (float): 0.000107336
ygyro (float): 4.21115e-05
zgyro (float): 4.18232e-05
xmag (float): 0.244113
ymag (float): -0.00437052
zmag (float): 0.398615
abs_pressure (float): 0
diff_pressure (float): 220.636
pressure_alt (float): -2
temperature (float): 7.75107e+09
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe863

No.	Time	Source	Destination	Protocol	Length	Info
1850	2.251379010	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1850: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20686, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220645660
xacc (float): 0
yacc (float): 3.95199e+22
zacc (float): 0
xgyro (float): 2.10263e+16
ygyro (float): -1.32208e-32
zgyro (float): 9.56537e+31

xmag (float): 5.17673e+21
ymag (float): 0
zmag (float): 6.08174e+07
abs_pressure (float): 1013.09
diff_pressure (float): 220.646
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x08b9

No.	Time	Source	Destination	Protocol	Length	Info
1852	2.251519522	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1852: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 91447586
xacc (float): 0.201694
yacc (float): 0.00531498
zacc (float): -9.79827
xgyro (float): 0.000110667
ygyro (float): 3.96751e-05
zgyro (float): 4.06327e-05
xmag (float): 0.244113
ymag (float): -0.00437053
zmag (float): 0.398615
abs_pressure (float): 101309
diff_pressure (float): -0.0172641
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xf3ba

No.	Time	Source	Destination	Protocol	Length	Info
1857	2.259901222	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1857: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20760, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220652221
xacc (float): 0.201608
yacc (float): 0.00517424
zacc (float): -9.79812
xgyro (float): 9.18544e-05
ygyro (float): 3.55937e-05
zgyro (float): 4.91517e-05
xmag (float): 0.244095
ymag (float): -0.00425005
zmag (float): 0.39811
abs_pressure (float): 0
diff_pressure (float): 220.652
pressure_alt (float): 0
temperature (float): 1.14231e+36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x995f

No.	Time	Source	Destination	Protocol	Length	Info
1860	2.266350780	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1860: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20834, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220660263
xacc (float): 0
yacc (float): 5.89121e+23
zacc (float): 0
xgyro (float): 17657.6
ygyro (float): 1.28959e-14
zgyro (float): 5.48156e+08
xmag (float): -1.98913e-18
ymag (float): 0
zmag (float): -4.75369e+29
abs_pressure (float): -6.27997e+22
diff_pressure (float): -0.000525962
pressure_alt (float): -3.68935e+19
temperature (float): 6.68991e+08
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0xd7d1

No.	Time	Source	Destination	Protocol	Length	Info
1862	2.266476591	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1862: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91463608
xacc (float): 0.100804
yacc (float): 1.97599e+22
zacc (float): 3.44876e+14
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.244095
ymag (float): -0.00425005
zmag (float): 0.39811
abs_pressure (float): 101309
diff_pressure (float): -0.0172641
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x8b15

No.	Time	Source	Destination	Protocol	Length	Info
1866	2.269518777	127.0.0.1	127.0.0.1	MAVLink 2.0	63	HEARTBEAT

Frame 1866: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14550, Dst Port: 18570
MAVLink Protocol (21)

Header

Payload: HEARTBEAT (0)

custom_mode (uint32): 0
type (uint8): 6
autopilot (uint8): 8
base_mode (uint8): 192
system_status (uint8): 4
mavlink_version (uint8): 3

Message CRC: 0x1889

No.	Time	Source	Destination	Protocol	Length	Info
1868	2.271706551	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1868: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20908, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220666473
xacc (float): 0.201492
yacc (float): 0.00505152

zacc (float): -9.79788
xgyro (float): 7.03635e-05
ygyro (float): 3.41278e-05
zgyro (float): 5.01903e-05
xmag (float): 0.243875
ymag (float): -0.00392747
zmag (float): 0.398424
abs_pressure (float): 1013.09
diff_pressure (float): 220.666
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xd40b

No.	Time	Source	Destination	Protocol	Length	Info
1872	2.282611991	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1872: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 20982, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220678085
xacc (float): 0.201388
yacc (float): 0.00495041
zacc (float): -9.79777
xgyro (float): 7.71477e-05
ygyro (float): 3.57221e-05
zgyro (float): 4.71811e-05
xmag (float): 0.244256
ymag (float): -0.00429078
zmag (float): 0.398572
abs_pressure (float): 0
diff_pressure (float): 220.678
pressure_alt (float): -3.68935e+19
temperature (float): -1.61297e-32
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5755

No.	Time	Source	Destination	Protocol	Length	Info
1876	2.294298621	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1876: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21056, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220689056
xacc (float): 0.20133
yacc (float): 0.00486266
zacc (float): -9.79769
xgyro (float): 5.14306e-05
ygyro (float): 3.1874e-05
zgyro (float): 4.0002e-05
xmag (float): 0.243198
ymag (float): -0.00424802
zmag (float): 0.39843
abs_pressure (float): 1013.09
diff_pressure (float): 220.689
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x89d4

No.	Time	Source	Destination	Protocol	Length	Info
1880	2.294501508	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1880: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91489472
xacc (float): 0.20144
yacc (float): 0.00500113
zacc (float): -9.79783
xgyro (float): -4.95352
ygyro (float): 10.461
zgyro (float): 0.000208437
xmag (float): 0.244256
ymag (float): -0.00429079
zmag (float): 0.398572
abs_pressure (float): 101309
diff_pressure (float): -0.0525962
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x29a4

No.	Time	Source	Destination	Protocol	Length	Info
1884	2.313374720	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1884: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21130, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220704742
xacc (float): 0.201521
yacc (float): 0.00475548
zacc (float): -9.79776
xgyro (float): 8.31289e-05
ygyro (float): 4.07453e-05
zgyro (float): 4.43696e-05
xmag (float): 0.243358
ymag (float): -0.00392425
zmag (float): 0.39821
abs_pressure (float): 0
diff_pressure (float): 220.705
pressure_alt (float): 2
temperature (float): -1.15868e+08
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe87c

No.	Time	Source	Destination	Protocol	Length	Info
1885	2.313415280	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 1885: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21204, Ack: 1, Len: 51

MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 220704742
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 44629

Message CRC: 0x4106

No.	Time	Source	Destination	Protocol	Length	Info
1888	2.313539517	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 1888: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.293038
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x4661

No.	Time	Source	Destination	Protocol	Length	Info
1890	2.313579241	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 1890: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 91500443
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xa6a2

No.	Time	Source	Destination	Protocol	Length	Info
1893	2.323982507	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1893: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21255, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220714294
xacc (float): 0.650502
yacc (float): -8.17362e+34
zacc (float): 1.95896e-35
xgyro (float): -7.45058e-09
ygyro (float): -2.35846e+06
zgyro (float): 8.46611e-19
xmag (float): 0
ymag (float): 0
zmag (float): 5.49146e+25
abs_pressure (float): 1013.09
diff_pressure (float): 220.714
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x933e

No.	Time	Source	Destination	Protocol	Length	Info
1897	2.324158949	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1897: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 91525681000
Message CRC: 0x9db8

No.	Time	Source	Destination	Protocol	Length	Info
1899	2.324208260	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1899: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 91525681
xacc (float): 0.426011
yacc (float): -4.08681e+34
zacc (float): -7.13283e+26
xgyro (float): 0.0650688
ygyro (float): -1.17923e+06
zgyro (float): -0.124267
xmag (float): 0.243358
ymag (float): -0.00392426
zmag (float): 0.39821
abs_pressure (float): 101309
diff_pressure (float): -0.0525962
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x738b

No.	Time	Source	Destination	Protocol	Length	Info
1901	2.324239484	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 1901: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header
Payload: GPS_RAW_INT (24)
time_usec (uint64): 91516129
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x6dd2

No.	Time	Source	Destination	Protocol	Length	Info
1904	2.333598698	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1904: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21329, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 220724563
xacc (float): 0.201728
yacc (float): 0.00458403
zacc (float): -9.79817
xgyro (float): 6.1639e-05
ygyro (float): 1.29729e-05
zgyro (float): 6.06098e-05

xmag (float): 0.24337
ymag (float): -0.00391571
zmag (float): 0.398781
abs_pressure (float): 0
diff_pressure (float): 220.725
pressure_alt (float): -1.0842e-19
temperature (float): -2.47719e-15
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6350

No.	Time	Source	Destination	Protocol	Length	Info
1908	2.333827462	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1908: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 91535950
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x00ad

No.	Time	Source	Destination	Protocol	Length	Info
1912	2.346454551	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1912: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21403, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220740600
xacc (float): 0.201803
yacc (float): 0.00447707
zacc (float): -9.79817
xgyro (float): 5.70577e-05
ygyro (float): 3.1967e-05
zgyro (float): 7.16038e-05
xmag (float): 0.243824
ymag (float): -0.00411006
zmag (float): 0.398347
abs_pressure (float): 1013.09
diff_pressure (float): 220.741
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x3f73

No.	Time	Source	Destination	Protocol	Length	Info
1914	2.346619846	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1914: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91535950
xacc (float): 0.426115
yacc (float): -4.08681e+34
zacc (float): -7.13283e+26
xgyro (float): -0.00759121
ygyro (float): -1.17923e+06
zgyro (float): -0.030637
xmag (float): 0.24337
ymag (float): -0.00391571

zmag (float): 0.398781
abs_pressure (float): 101309
diff_pressure (float): -0.0525962
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xe838

No.	Time	Source	Destination	Protocol	Length	Info
1918	2.356067660	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1918: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21477, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220751846
xacc (float): 0.201873
yacc (float): 0.00443876
zacc (float): -9.79817
xgyro (float): 4.63439e-05
ygyro (float): 3.02103e-06
zgyro (float): 5.88157e-05
xmag (float): 0.243734
ymag (float): -0.00420418
zmag (float): 0.39787
abs_pressure (float): 0
diff_pressure (float): 220.752
pressure_alt (float): 1.0842e-19
temperature (float): -8.41482e+07
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2af4

No.	Time	Source	Destination	Protocol	Length	Info
1922	2.366734013	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1922: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21551, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220761871
xacc (float): 0.20194
yacc (float): 0.00448758
zacc (float): -9.79812
xgyro (float): 5.46461e-05
ygyro (float): 3.09872e-06
zgyro (float): 9.43719e-05
xmag (float): 0.243535
ymag (float): -0.0042475
zmag (float): 0.398952
abs_pressure (float): 1013.09
diff_pressure (float): 0.00073313
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 8191
id (uint8): 0

Message CRC: 0x3859

No.	Time	Source	Destination	Protocol	Length	Info
1925	2.366912643	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1925: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91563233
xacc (float): 0.201838

yacc (float): 0.00445808
zacc (float): -9.79817
xgyro (float): 5.17008e-05
ygyro (float): 1.7494e-05
zgyro (float): 6.52098e-05
xmag (float): 0.243734
ymag (float): -0.00420418
zmag (float): 0.39787
abs_pressure (float): 101309
diff_pressure (float): -0.0525962
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x60b2

No.	Time	Source	Destination	Protocol	Length	Info
1932	2.377426018	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1932: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21625, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220772354
xacc (float): 0.202007
yacc (float): 0.00454024
zacc (float): -9.798
xgyro (float): 4.12866e-05
ygyro (float): 2.92737e-05
zgyro (float): 9.26104e-05
xmag (float): 0.2432
ymag (float): -0.004987
zmag (float): 0.398847
abs_pressure (float): 0
diff_pressure (float): 220.772
pressure_alt (float): 1.0842e-19
temperature (float): 2.26283e-36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2667

No.	Time	Source	Destination	Protocol	Length	Info
1936	2.387062156	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1936: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21699, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220782760
xacc (float): 0.201829
yacc (float): 0.0045548
zacc (float): -9.79742
xgyro (float): 3.59357e-05
ygyro (float): 3.03303e-06
zgyro (float): 7.24778e-05
xmag (float): 0.243707
ymag (float): -0.00375847
zmag (float): 0.398599
abs_pressure (float): 1013.09
diff_pressure (float): 220.783
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xe8f5

No.	Time	Source	Destination	Protocol	Length	Info
1939	2.387208888	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1939: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91583741
xacc (float): 0.201974
yacc (float): 0.00451408
zacc (float): -9.79806
xgyro (float): 4.79663e-05
ygyro (float): 1.61862e-05
zgyro (float): 9.34912e-05
xmag (float): 0.2432
ymag (float): -0.004987
zmag (float): 0.398847
abs_pressure (float): 101309
diff_pressure (float): 0.073313
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x8160

No.	Time	Source	Destination	Protocol	Length	Info
1944	2.397736128	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1944: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21773, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220793319
xacc (float): 0.201761
yacc (float): 0.00453777
zacc (float): -9.79748
xgyro (float): 3.08835e-05
ygyro (float): -8.34014e-06
zgyro (float): 0.00010055
xmag (float): 0.244287
ymag (float): -0.00391567
zmag (float): 0.398428
abs_pressure (float): 0
diff_pressure (float): 220.793
pressure_alt (float): -3.68935e+19
temperature (float): -3.88393e+09
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3aaf

No.	Time	Source	Destination	Protocol	Length	Info
1952	2.408418346	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1952: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21847, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220803604
xacc (float): 0.201714
yacc (float): 0.00454802
zacc (float): -9.79755
xgyro (float): 6.09857e-05
ygyro (float): -2.76172e-05
zgyro (float): 9.7977e-05
xmag (float): 0.24391
ymag (float): -0.00386901
zmag (float): 0.399183
abs_pressure (float): 1013.09
diff_pressure (float): 220.804
pressure_alt (float): 1019.56
temperature (float): 16.887

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fields_updated (uint32): 7167
id (uint8): 0
Message CRC: 0x8da2
No.      Time          Source          Destination      Protocol Length Info
 1958 2.408561627    127.0.0.1      127.0.0.1       MAVLink 1.0 112   HIGHRES_IMU
Frame 1958: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)
Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 91604706
xacc (float): 0.201795
yacc (float): 0.00454646
zacc (float): -9.79745
xgyro (float): 3.34096e-05
ygyro (float): -2.65356e-06
zgyro (float): 8.65137e-05
xmag (float): 0.244287
ymag (float): -0.00391568
zmag (float): 0.398428
abs_pressure (float): 101309
diff_pressure (float): 0.073313
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0
Message CRC: 0x249f
No.      Time          Source          Destination      Protocol Length Info
 1959 2.408563126    127.0.0.1      127.0.0.1       MAVLink 2.0 66    VFR_HUD
Frame 1959: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)
Header
Payload: VFR_HUD (74)
airspeed (float): 0.345969
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0
Message CRC: 0xbf74
No.      Time          Source          Destination      Protocol Length Info
 1961 2.408613651    127.0.0.1      127.0.0.1       MAVLink 1.0 70    VFR_HUD
Frame 1961: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)
Header
Payload: VFR_HUD (74)
airspeed (float): 0.345969
groundspeed (float): 0
alt (float): 1.3193
climb (float): 0
heading (int16): 0
throttle (uint16): 0
Message CRC: 0xa8eb
No.      Time          Source          Destination      Protocol Length Info
 1963 2.408640331    127.0.0.1      127.0.0.1       MAVLink 1.0 90    WIND_COV
Frame 1963: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)
Header
Payload: WIND_COV (231)
time_usec (uint64): 91594147
```

wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x176a

No.	Time	Source	Destination	Protocol	Length	Info
1968	2.423515696	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1968: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21921, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220818618
xacc (float): 0.20168
yacc (float): 0.00457603
zacc (float): -9.79764
xgyro (float): 5.86733e-05
ygyro (float): -8.23012e-06
zgyro (float): 8.70618e-05
xmag (float): 0.243943
ymag (float): -0.00410921
zmag (float): 0.398731
abs_pressure (float): 0
diff_pressure (float): 220.819
pressure_alt (float): 1.0842e-19
temperature (float): 3.5621e+32
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1106

No.	Time	Source	Destination	Protocol	Length	Info
1970	2.423668924	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 1970: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 91630005000

Message CRC: 0x3422

No.	Time	Source	Destination	Protocol	Length	Info
1972	2.423705797	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 1972: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 91630005
altitude_monotonic (float): 1.3193
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xe8f6

No.	Time	Source	Destination	Protocol	Length	Info
1974	2.423727076	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 1974: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0xf15f

No.	Time	Source	Destination	Protocol	Length	Info
1976	2.423746201	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 1976: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x85f1

No.	Time	Source	Destination	Protocol	Length	Info
1979	2.427884050	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1979: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 21995, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220823654
xacc (float): 0
yacc (float): -1.56083e+12
zacc (float): 0
xgyro (float): 7.46879e+13
ygyro (float): 3.96313e-20
zgyro (float): -3.26475e-29
xmag (float): -2.63267e+13
ymag (float): 0
zmag (float): 1.09086e-35
abs_pressure (float): 1013.09
diff_pressure (float): 220.824
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x2e3a

No.	Time	Source	Destination	Protocol	Length	Info
1981	2.428021856	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1981: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91630005
xacc (float): 0.201697
yacc (float): 0.00456219
zacc (float): -9.79759
xgyro (float): 5.98295e-05
ygyro (float): -1.79237e-05
zgyro (float): 9.25194e-05
xmag (float): 0.243943

ymag (float): -0.00410922
zmag (float): 0.398731
abs_pressure (float): 101309
diff_pressure (float): 0.073313
pressure_alt (float): 1.3193
temperature (float): 16.887
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x77d4

No.	Time	Source	Destination	Protocol	Length	Info
1984	2.433248107	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1984: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22069, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220828674
xacc (float): 0.201667
yacc (float): 0.00459403
zacc (float): -9.79768
xgyro (float): 6.11926e-05
ygyro (float): -5.70742e-06
zgyro (float): 8.56237e-05
xmag (float): 0.244295
ymag (float): -0.00311591
zmag (float): 0.39856
abs_pressure (float): 0
diff_pressure (float): 220.829
pressure_alt (float): -0
temperature (float): 3.8086e-36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4d2e

No.	Time	Source	Destination	Protocol	Length	Info
1990	2.443940514	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1990: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22143, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220838958
xacc (float): 0.201652
yacc (float): 0.00461888
zacc (float): -9.79775
xgyro (float): 6.34317e-05
ygyro (float): -2.30256e-05
zgyro (float): 0.000100412
xmag (float): 0.244118
ymag (float): -0.00372306
zmag (float): 0.398139
abs_pressure (float): 0
diff_pressure (float): 220.839
pressure_alt (float): -2
temperature (float): 1.1304e+18
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xce60

No.	Time	Source	Destination	Protocol	Length	Info
1993	2.449265310	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1993: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22217, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220844268

xacc (float): 5.24435e-15
yacc (float): 3.06447e-12
zacc (float): 0
xgyro (float): -2.53483e+24
ygyro (float): -478117
zgyro (float): -7.59411e-32
xmag (float): 2.57353e+28
ymag (float): 0
zmag (float): 0.03125
abs_pressure (float): 1013.09
diff_pressure (float): 220.844
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xbdb2

No.	Time	Source	Destination	Protocol	Length	Info
1995	2.449378783	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 1995: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 91650345
xacc (float): 0.201659
yacc (float): 0.00460663
zacc (float): -9.79771
xgyro (float): 6.23122e-05
ygyro (float): -1.45315e+06
zgyro (float): -224437
xmag (float): 0.244118
ymag (float): -0.00372307
zmag (float): 0.398139
abs_pressure (float): 101309
diff_pressure (float): 0.073313
pressure_alt (float): 1.3193
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xfb63

No.	Time	Source	Destination	Protocol	Length	Info
1998	2.454600528	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 1998: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22291, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220849441
xacc (float): 0.201637
yacc (float): 0.00465042
zacc (float): -9.79784
xgyro (float): 3.05325e-05
ygyro (float): -3.66709e-05
zgyro (float): 7.45266e-05
xmag (float): 0.243839
ymag (float): -0.00376003
zmag (float): 0.39846
abs_pressure (float): 0
diff_pressure (float): 220.849
pressure_alt (float): -1.0842e-19
temperature (float): 142.5
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xea94

No.	Time	Source	Destination	Protocol	Length	Info
2002	2.464222388	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2002: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22365, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220859725
xacc (float): 0.201622
yacc (float): 0.00468359
zacc (float): -9.79787
xgyro (float): 2.06494e-05
ygyro (float): -3.76572e-05
zgyro (float): 7.67651e-05
xmag (float): 0.243709
ymag (float): -0.00388843
zmag (float): 0.399263
abs_pressure (float): 0
diff_pressure (float): 220.86
pressure_alt (float): -3.68935e+19
temperature (float): -3.82985e-22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x722c

No.	Time	Source	Destination	Protocol	Length	Info
2007	2.469566218	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2007: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22439, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220864913
xacc (float): 5.55775e+07
yacc (float): 260.903
zacc (float): 0
xgyro (float): -2.9179e-29
ygyro (float): -9.22098e-28
zgyro (float): -42336.5
xmag (float): 1.15007e-21
ymag (float): 0
zmag (float): 2.14065e-26
abs_pressure (float): 1013.09
diff_pressure (float): 0.00119859
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7743
id (uint8): 0

Message CRC: 0xb1df

No.	Time	Source	Destination	Protocol	Length	Info
2011	2.469684171	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2011: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91671112
xacc (float): 0.201629
yacc (float): 0.00466718
zacc (float): -9.79786
xgyro (float): -0.00777003
ygyro (float): 4.133e+16
zgyro (float): 2.0305e+16
xmag (float): 0.243709
ymag (float): -0.00388844
zmag (float): 0.399263
abs_pressure (float): 101309
diff_pressure (float): 0.073313
pressure_alt (float): 1.3193

temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x2fae

No.	Time	Source	Destination	Protocol	Length	Info
2014	2.474900362	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2014: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22513, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220869918
xacc (float): 0.20161
yacc (float): 0.00471613
zacc (float): -9.7979
xgyro (float): 5.61766e-05
ygyro (float): -2.82796e-05
zgyro (float): 8.24618e-05
xmag (float): 0.243685
ymag (float): -0.00375171
zmag (float): 0.398707
abs_pressure (float): 0
diff_pressure (float): 220.87
pressure_alt (float): 3.68935e+19
temperature (float): 0.0808105
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd36a

No.	Time	Source	Destination	Protocol	Length	Info
2018	2.484529434	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2018: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22587, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220879943
xacc (float): 0.201619
yacc (float): 0.00474976
zacc (float): -9.79784
xgyro (float): 6.32663e-05
ygyro (float): -2.89096e-05
zgyro (float): 7.74411e-05
xmag (float): 0.24378
ymag (float): -0.00369065
zmag (float): 0.399135
abs_pressure (float): 0
diff_pressure (float): 220.88
pressure_alt (float): -0
temperature (float): -1.75522e-29
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x37d8

No.	Time	Source	Destination	Protocol	Length	Info
2021	2.489909840	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2021: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22661, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220884948
xacc (float): 24.9857
yacc (float): 6.65464e+08
zacc (float): 0
xgyro (float): 6.17648e-15
ygyro (float): -1.06231e+14

zgyro (float): -7.58381e-19
xmag (float): -1.67417e+21
ymag (float): 0
zmag (float): 8.50706e+37
abs_pressure (float): 1013.09
diff_pressure (float): 220.885
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xa408

No.	Time	Source	Destination	Protocol	Length	Info
2023	2.490172874	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2023: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 91691330
xacc (float): 0.201615
yacc (float): 0.00473311
zacc (float): -9.79787
xgyro (float): -0.000192738
ygyro (float): -0.00055587
zgyro (float): 7.99515e-05
xmag (float): 0.24378
ymag (float): -0.00369066
zmag (float): 0.399135
abs_pressure (float): 101309
diff_pressure (float): 0.119859
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x8486

No.	Time	Source	Destination	Protocol	Length	Info
2026	2.495286229	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2026: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22735, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220890335
xacc (float): 0.201644
yacc (float): 0.00477614
zacc (float): -9.79772
xgyro (float): 3.12177e-05
ygyro (float): -1.6389e-05
zgyro (float): 8.86677e-05
xmag (float): 0.244048
ymag (float): -0.00454253
zmag (float): 0.398812
abs_pressure (float): 0
diff_pressure (float): 220.89
pressure_alt (float): -1.0842e-19
temperature (float): -0.166504
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xffec

No.	Time	Source	Destination	Protocol	Length	Info
2030	2.505953694	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2030: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22809, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220900833
xacc (float): 0.201662
yacc (float): 0.00479607
zacc (float): -9.79765
xgyro (float): 6.47753e-05
ygyro (float): -1.98844e-05
zgyro (float): 7.28217e-05
xmag (float): 0.2437
ymag (float): -0.00418362
zmag (float): 0.397889
abs_pressure (float): 0
diff_pressure (float): 220.901
pressure_alt (float): -1.0842e-19
temperature (float): -48.625
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8c9f

No.	Time	Source	Destination	Protocol	Length	Info
2032	2.506103082	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2032: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 91701722
xacc (float): 12.5936
yacc (float): 3.32732e+08
zacc (float): 0.908406
xgyro (float): -124355
ygyro (float): -5.31155e+13
zgyro (float): -1.28204e+06
xmag (float): 0.244048
ymag (float): -0.00454254
zmag (float): 0.398812
abs_pressure (float): 101309
diff_pressure (float): 0.119859
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x4984

No.	Time	Source	Destination	Protocol	Length	Info
2035	2.510235898	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2035: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22883, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 220905990
xacc (float): 3.48881e-18
yacc (float): 1.46015e+14
zacc (float): 0
xgyro (float): 7.05165e+25
ygyro (float): 5.68422e-15
zgyro (float): -1.59925e+20
xmag (float): -22792.9
ymag (float): 0
zmag (float): 1.27882e-31
abs_pressure (float): 1013.09
diff_pressure (float): 220.906
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x2997

No.	Time	Source	Destination	Protocol	Length	Info
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2036 2.510272125 127.0.0.1 127.0.0.1 MAVLink 2.0 117 HIL_GPS
Frame 2036: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 22957, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 220905990
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
epf (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 26961

Message CRC: 0x7bbb

No.	Time	Source	Destination	Protocol	Length	Info
2040	2.510424405	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 2040: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.442367
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xf65e

No.	Time	Source	Destination	Protocol	Length	Info
2042	2.510458618	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2042: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 91696335
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xabd3

No.	Time	Source	Destination	Protocol	Length	Info
2045	2.515569425	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2045: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23008, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220911041
xacc (float): 0.201673
yacc (float): 0.00481387

zacc (float): -9.79759
xgyro (float): 6.87807e-05
ygyro (float): -2.71771e-05
zgyro (float): 6.83022e-05
xmag (float): 0.243592
ymag (float): -0.00447713
zmag (float): 0.398191
abs_pressure (float): 0
diff_pressure (float): 220.911
pressure_alt (float): 2
temperature (float): -1.95426e-37
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2b70

No.	Time	Source	Destination	Protocol	Length	Info
2049	2.515692645	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2049: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 91722428000

Message CRC: 0x2c12

No.	Time	Source	Destination	Protocol	Length	Info
2051	2.515730213	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 2051: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 91717377
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x33f8

No.	Time	Source	Destination	Protocol	Length	Info
2055	2.525160441	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2055: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23082, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220921051
xacc (float): 0.201678
yacc (float): 0.00482796
zacc (float): -9.79756
xgyro (float): 6.49178e-05
ygyro (float): -3.32414e-05
zgyro (float): 5.56389e-05
xmag (float): 0.244519
ymag (float): -0.00375275
zmag (float): 0.398668

abs_pressure (float): 0
diff_pressure (float): 220.921
pressure_alt (float): 2
temperature (float): -2.10106e-06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5e61

No.	Time	Source	Destination	Protocol	Length	Info
2057	2.525359777	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2057: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91722428
xacc (float): 0.100836
yacc (float): 7.30074e+13
zacc (float): 1.27421e+06
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243592
ymag (float): -0.00447714
zmag (float): 0.398191
abs_pressure (float): 101309
diff_pressure (float): 0.119859
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x3381

No.	Time	Source	Destination	Protocol	Length	Info
2059	2.525396831	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 2059: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 91732438
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xf37c

No.	Time	Source	Destination	Protocol	Length	Info
2063	2.535843184	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2063: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23156, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220930816
xacc (float): -1.14583e-35
yacc (float): 724755
zacc (float): 0
xgyro (float): -2.28226e+29
ygyro (float): 6.20103e+19
zgyro (float): 4.30528e+24
xmag (float): -0.00166207
ymag (float): 0
zmag (float): 2.16173e+18
abs_pressure (float): 1013.09
diff_pressure (float): 220.931

pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x5a4b

No.	Time	Source	Destination	Protocol	Length	Info
2066	2.540137350	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2066: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23230, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220935806
xacc (float): 0.201676
yacc (float): 0.00484886
zacc (float): -9.79751
xgyro (float): 7.38293e-05
ygyro (float): -2.35771e-05
zgyro (float): 5.61937e-05
xmag (float): 0.243556
ymag (float): -0.0040861
zmag (float): 0.398705
abs_pressure (float): 0
diff_pressure (float): 220.936
pressure_alt (float): 1.0842e-19
temperature (float): -5.83614e+36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xfcb4

No.	Time	Source	Destination	Protocol	Length	Info
2070	2.550805205	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2070: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23304, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220946075
xacc (float): 0.201604
yacc (float): 0.00489059
zacc (float): -9.79754
xgyro (float): 5.83977e-05
ygyro (float): -2.79388e-05
zgyro (float): 6.55286e-05
xmag (float): 0.243479
ymag (float): -0.00378499
zmag (float): 0.398365
abs_pressure (float): 0
diff_pressure (float): 220.946
pressure_alt (float): 2
temperature (float): 6.70552e-06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2b0d

No.	Time	Source	Destination	Protocol	Length	Info
2080	2.551002491	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2080: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91747193
xacc (float): 0.100838
yacc (float): 362378
zacc (float): -4.89243
xgyro (float): -nan

ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243556
ymag (float): -0.00408611
zmag (float): 0.398705
abs_pressure (float): 101309
diff_pressure (float): 0.119859
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xbf85

No. Time Source Destination Protocol Length Info
2083 2.556146504 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2083: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23378, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220951126
xacc (float): 0
yacc (float): -1.36181e-37
zacc (float): 0
xgyro (float): -55401.7
ygyro (float): 1.05082e+32
zgyro (float): 0.595363
xmag (float): 1.64708e+36
ymag (float): 0
zmag (float): 3.5735e-36
abs_pressure (float): 1013.09
diff_pressure (float): 220.951
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x1f98

No. Time Source Destination Protocol Length Info
2086 2.560407554 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2086: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23452, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220956085
xacc (float): 0.201513
yacc (float): 0.00494685
zacc (float): -9.79759
xgyro (float): 7.67973e-05
ygyro (float): -4.38427e-05
zgyro (float): 4.7679e-05
xmag (float): 0.243895
ymag (float): -0.00388891
zmag (float): 0.398864
abs_pressure (float): 0
diff_pressure (float): 220.956
pressure_alt (float): 2
temperature (float): 7.04199e+25
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x269a

No. Time Source Destination Protocol Length Info
2090 2.571116878 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2090: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23526, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220966125
xacc (float): 0.20142
yacc (float): 0.00500836
zacc (float): -9.79763
xgyro (float): 7.43669e-05
ygyro (float): -2.195e-05
zgyro (float): 5.01632e-05
xmag (float): 0.243847
ymag (float): -0.00413145
zmag (float): 0.398214
abs_pressure (float): 0
diff_pressure (float): -0.000164922
pressure_alt (float): -0
temperature (float): -3.51844e+16
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0xf791

No.	Time	Source	Destination	Protocol	Length	Info
2094	2.571322846	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2094: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91767472
xacc (float): 0.100757
yacc (float): 0.00247351
zacc (float): -4.89879
xgyro (float): -1.96222e+23
ygyro (float): 5.25411e+31
zgyro (float): 9.17015e+23
xmag (float): 0.243895
ymag (float): -0.00388892
zmag (float): 0.398864
abs_pressure (float): 101309
diff_pressure (float): 0.119859
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x378a

No.	Time	Source	Destination	Protocol	Length	Info
2097	2.575349861	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2097: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23600, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220971221
xacc (float): 1.2839e+29
yacc (float): 9.30825e+21
zacc (float): 0
xgyro (float): -2.31624e+31
ygyro (float): -4.84827e-32
zgyro (float): 8.7875e-26
xmag (float): 2.44738e-21
ymag (float): 0
zmag (float): 3.15412e+09
abs_pressure (float): 1013.09
diff_pressure (float): 220.971
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x594b

No. Time Source Destination Protocol Length Info
2100 2.580723003 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2100: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23674, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220976150
xacc (float): 0.201326
yacc (float): 0.00507346
zacc (float): -9.79763
xgyro (float): 8.98084e-05
ygyro (float): -1.48518e-05
zgyro (float): 4.13823e-05
xmag (float): 0.244204
ymag (float): -0.00403023
zmag (float): 0.397965
abs_pressure (float): 0
diff_pressure (float): 220.976
pressure_alt (float): -1.0842e-19
temperature (float): 7.64544e-12
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x647e

No. Time Source Destination Protocol Length Info
2107 2.596732764 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2107: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23748, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 220991271
xacc (float): 0.20119
yacc (float): 0.00517103
zacc (float): -9.79769
xgyro (float): 8.82601e-05
ygyro (float): -3.13146e-05
zgyro (float): 3.22121e-05
xmag (float): 0.243757
ymag (float): -0.00403143
zmag (float): 0.398205
abs_pressure (float): 1013.09
diff_pressure (float): 220.991
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xdeaf

No. Time Source Destination Protocol Length Info
2109 2.596878826 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 2109: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91787537
xacc (float): 6.41952e+28
yacc (float): 4.65413e+21
zacc (float): 8.12298e+13
xgyro (float): -1.15812e+31
ygyro (float): -2.15928e+22
zgyro (float): -1.7455e+22
xmag (float): 0.244204
ymag (float): -0.00403024
zmag (float): 0.397965

abs_pressure (float): 101309
diff_pressure (float): -0.0164922
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x864f

No.	Time	Source	Destination	Protocol	Length	Info
2117	2.606573188	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2117: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23822, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221001861
xacc (float): 0.201115
yacc (float): 0.0052236
zacc (float): -9.79776
xgyro (float): 0.000103221
ygyro (float): -2.87665e-05
zgyro (float): 3.63488e-05
xmag (float): 0.243796
ymag (float): -0.00372749
zmag (float): 0.398793
abs_pressure (float): 0
diff_pressure (float): 221.002
pressure_alt (float): 2
temperature (float): 3.17778e-32
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x66f3

No.	Time	Source	Destination	Protocol	Length	Info
2123	2.617244623	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2123: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23896, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221012207
xacc (float): 0.20113
yacc (float): 0.00522536
zacc (float): -9.79796
xgyro (float): 0.000110308
ygyro (float): -3.77268e-05
zgyro (float): 3.49862e-05
xmag (float): 0.243538
ymag (float): -0.00364736
zmag (float): 0.398688
abs_pressure (float): 1013.09
diff_pressure (float): 221.012
pressure_alt (float): 1019.55
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x62ca

No.	Time	Source	Destination	Protocol	Length	Info
2125	2.617387828	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2125: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)
tc1 (int64): 0
ts1 (int64): 91823594000
Message CRC: 0xd290

No. Time Source Destination Protocol Length Info
2127 2.617422918 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 2127: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 91823594
xacc (float): 0.201122
yacc (float): 0.00522465
zacc (float): -9.79786
xgyro (float): 0.000106764
ygyro (float): -3.32466e-05
zgyro (float): 3.56675e-05
xmag (float): 0.243538
ymag (float): -0.00364736
zmag (float): 0.398688
abs_pressure (float): 101309
diff_pressure (float): -0.0164922
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0
Message CRC: 0x1574

No. Time Source Destination Protocol Length Info
2129 2.617444335 127.0.0.1 127.0.0.1 MAVLink 1.0 52 EXTENDED_SYS_STATE
Frame 2129: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header
Payload: EXTENDED_SYS_STATE (245)
vtol_state (uint8): 0
landed_state (uint8): 1
Message CRC: 0x732d

No. Time Source Destination Protocol Length Info
2131 2.617463204 127.0.0.1 127.0.0.1 MAVLink 1.0 81 SYS_STATUS
Frame 2131: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header
Payload: SYS_STATUS (1)
onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100
Message CRC: 0x4124

No. Time Source Destination Protocol Length Info
2133 2.617480053 127.0.0.1 127.0.0.1 MAVLink 1.0 70 VFR_HUD
Frame 2133: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header
Payload: VFR_HUD (74)
airspeed (float): -0.164092

groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x2634

No.	Time	Source	Destination	Protocol	Length	Info
2135	2.617495812	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2135: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 91802658
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x19d6

No.	Time	Source	Destination	Protocol	Length	Info
2139	2.626828436	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2139: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 23970, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221022399
xacc (float): 0.201174
yacc (float): 0.00522652
zacc (float): -9.79808
xgyro (float): 0.000102566
ygyro (float): -2.21245e-05
zgyro (float): 2.2699e-05
xmag (float): 0.243441
ymag (float): -0.0041049
zmag (float): 0.39948
abs_pressure (float): 0
diff_pressure (float): 221.022
pressure_alt (float): -0
temperature (float): nan
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x33d9

No.	Time	Source	Destination	Protocol	Length	Info
2143	2.627005579	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 2143: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)
time_usec (uint64): 91833786
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xda29

No.	Time	Source	Destination	Protocol	Length	Info
2147	2.636470839	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2147: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24044, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221032272
xacc (float): 0
yacc (float): 6.41042e+19
zacc (float): 0
xgyro (float): -4.57433e-08
ygyro (float): 1.04212e-27
zgyro (float): -2.32794e-31
xmag (float): 196.355
ymag (float): 0
zmag (float): -8.55664e+30
abs_pressure (float): 1013.09
diff_pressure (float): 221.032
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xf16a

No.	Time	Source	Destination	Protocol	Length	Info
2149	2.636692166	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2149: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91843659
xacc (float): 0.100587
yacc (float): 3.20521e+19
zacc (float): 5.59414e+11
xgyro (float): 5.126e-05
ygyro (float): -1.10622e-05
zgyro (float): 1.13495e-05
xmag (float): 0.243441
ymag (float): -0.00410491
zmag (float): 0.39948
abs_pressure (float): 101309
diff_pressure (float): -0.0164922
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xbd01

No.	Time	Source	Destination	Protocol	Length	Info
2152	2.641876287	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2152: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24118, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221037139
xacc (float): 0.201252
yacc (float): 0.00522602
zacc (float): -9.79814
xgyro (float): 0.00011908
ygyro (float): -2.02776e-05
zgyro (float): 2.73258e-05
xmag (float): 0.243439
ymag (float): -0.00400628
zmag (float): 0.398578
abs_pressure (float): 0
diff_pressure (float): 221.037
pressure_alt (float): 2

temperature (float): -5.57887e-15
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xcc40

No.	Time	Source	Destination	Protocol	Length	Info
2156	2.652563766	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2156: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24192, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221047515
xacc (float): 0.201315
yacc (float): 0.0052075
zacc (float): -9.7982
xgyro (float): 0.000117542
ygyro (float): -1.10176e-05
zgyro (float): 1.62665e-05
xmag (float): 0.243283
ymag (float): -0.00380903
zmag (float): 0.398099
abs_pressure (float): 0
diff_pressure (float): 221.048
pressure_alt (float): 2
temperature (float): -2.25306e-05
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5c11

No.	Time	Source	Destination	Protocol	Length	Info
2159	2.656869485	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2159: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24266, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221052459
xacc (float): -9.06221e-26
yacc (float): -6.14754e-24
zacc (float): 0
xgyro (float): 1.9952e+12
ygyro (float): 2.79693e+24
zgyro (float): 0.000382349
xmag (float): -1.13847e+18
ymag (float): 0
zmag (float): -1.45519e-11
abs_pressure (float): 1013.09
diff_pressure (float): 221.052
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x1d79

No.	Time	Source	Destination	Protocol	Length	Info
2163	2.657035600	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2163: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91858902
xacc (float): 0.201283
yacc (float): 0.00521693
zacc (float): -9.79817
xgyro (float): 0.000118311
ygyro (float): -1.56476e-05

zgyro (float): 2.17961e-05
xmag (float): 0.243283
ymag (float): -0.00380904
zmag (float): 0.398099
abs_pressure (float): 101309
diff_pressure (float): -0.0164922
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x9c29

No.	Time	Source	Destination	Protocol	Length	Info
2167	2.666431968	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2167: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24340, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221062423
xacc (float): 0.201448
yacc (float): 0.00518722
zacc (float): -9.79828
xgyro (float): 0.000124127
ygyro (float): -2.71454e-05
zgyro (float): 2.60151e-05
xmag (float): 0.243878
ymag (float): -0.0037741
zmag (float): 0.398735
abs_pressure (float): 0
diff_pressure (float): 221.062
pressure_alt (float): 3.68935e+19
temperature (float): 2.12367e-10
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd745

No.	Time	Source	Destination	Protocol	Length	Info
2169	2.666602349	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 2169: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.164092
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x8048

No.	Time	Source	Destination	Protocol	Length	Info
2173	2.671749685	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2173: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24414, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221067276
xacc (float): 0.201448
yacc (float): 0.00518722
zacc (float): -9.79828
xgyro (float): 0.000124127
ygyro (float): -2.71454e-05
zgyro (float): 2.60151e-05
xmag (float): 0
ymag (float): -2.96239e+22

zmag (float): 5.61196e+27
abs_pressure (float): 0
diff_pressure (float): 0.000823336
pressure_alt (float): 1.0842e-19
temperature (float): 1.66082e-24
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0x003f

No.	Time	Source	Destination	Protocol	Length	Info
2177	2.682484728	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2177: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24488, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221077438
xacc (float): 0.201596
yacc (float): 0.00520054
zacc (float): -9.79834
xgyro (float): 0.000124401
ygyro (float): -2.33955e-06
zgyro (float): -1.03729e-05
xmag (float): 0.243198
ymag (float): -0.00426135
zmag (float): 0.398334
abs_pressure (float): 1013.09
diff_pressure (float): 221.077
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x4532

No.	Time	Source	Destination	Protocol	Length	Info
2179	2.682639779	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2179: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91878663
xacc (float): 0.201448
yacc (float): 0.00518739
zacc (float): -9.79828
xgyro (float): 3.02085e+16
ygyro (float): 2.5156e+09
zgyro (float): -1.44135e+17
xmag (float): 0.243878
ymag (float): -0.00377411
zmag (float): 0.398735
abs_pressure (float): 101309
diff_pressure (float): 0.0823336
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0xf2ad

No.	Time	Source	Destination	Protocol	Length	Info
2183	2.693209278	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2183: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24562, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221087844
xacc (float): 0.201693

yacc (float): 0.00521106
zacc (float): -9.79833
xgyro (float): 0.000131807
ygyro (float): -1.65657e-05
zgyro (float): 7.84152e-06
xmag (float): 0.244051
ymag (float): -0.00363818
zmag (float): 0.398354
abs_pressure (float): 0
diff_pressure (float): 221.088
pressure_alt (float): -1.0842e-19
temperature (float): -1.46227e+06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x512b

No.	Time	Source	Destination	Protocol	Length	Info
2189	2.712732210	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2189: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24636, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221102233
xacc (float): 0.201799
yacc (float): 0.00521853
zacc (float): -9.7983
xgyro (float): 0.000114066
ygyro (float): -1.03752e-05
zgyro (float): -5.52443e-06
xmag (float): 0.24388
ymag (float): -0.00479398
zmag (float): 0.398322
abs_pressure (float): 1013.09
diff_pressure (float): 221.102
pressure_alt (float): 1019.54
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x2065

No.	Time	Source	Destination	Protocol	Length	Info
2191	2.712964881	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2191: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 91899231
xacc (float): 0.201644
yacc (float): 0.00520597
zacc (float): -9.79834
xgyro (float): 0.000128104
ygyro (float): -9.45261e-06
zgyro (float): -1.2657e-06
xmag (float): 0.244051
ymag (float): -0.00363818
zmag (float): 0.398354
abs_pressure (float): 101309
diff_pressure (float): 0.0823336
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xb523

No.	Time	Source	Destination	Protocol	Length	Info
2194	2.719384332	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2194: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24710, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221113388
xacc (float): 0.201878
yacc (float): 0.00522177
zacc (float): -9.79829
xgyro (float): 0.000127338
ygyro (float): -2.1579e-05
zgyro (float): -4.11815e-06
xmag (float): 0.243675
ymag (float): -0.00373967
zmag (float): 0.398943
abs_pressure (float): 0
diff_pressure (float): 221.113
pressure_alt (float): -3.68935e+19
temperature (float): 7.01488e+14
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe0da

No.	Time	Source	Destination	Protocol	Length	Info
2195	2.719416854	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 2195: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24784, Ack: 1, Len: 51

MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 221113388
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 1413

Message CRC: 0xf6ee

No.	Time	Source	Destination	Protocol	Length	Info
2197	2.719588389	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2197: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 91924775000

Message CRC: 0xcc0b

No.	Time	Source	Destination	Protocol	Length	Info
2199	2.719623182	127.0.0.1	127.0.0.1	MAVLink 1.0	83	COMMAND_LONG

Frame 2199: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (41)

Header

Payload: COMMAND_LONG (76)

param1 (float): 0
param2 (float): 0
param3 (float): 0

param4 (float): 0
param5 (float): 0
param6 (float): 0
param7 (float): 0
command (uint16): 200
target_system (uint8): 0
target_component (uint8): 0
confirmation (uint8): 0

Message CRC: 0xed84

No.	Time	Source	Destination	Protocol	Length	Info
2201	2.719644153	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 2201: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.366636
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xac01

No.	Time	Source	Destination	Protocol	Length	Info
2203	2.719660702	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2203: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 91899231
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xfb6f

No.	Time	Source	Destination	Protocol	Length	Info
2207	2.733342207	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2207: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24835, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221127944
xacc (float): 0.202028
yacc (float): 0.0052304
zacc (float): -9.79826
xgyro (float): 0.000132238
ygyro (float): -3.30135e-05
zgyro (float): 5.92223e-06
xmag (float): 0.2436
ymag (float): -0.00374087
zmag (float): 0.398307
abs_pressure (float): 1013.09
diff_pressure (float): 221.128
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x821e

No.	Time	Source	Destination	Protocol	Length	Info
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2211 2.733488749 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 2211: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 91924775
xacc (float): 0.201839
yacc (float): 0.00522032
zacc (float): -9.79829
xgyro (float): 0.000120702
ygyro (float): -1.59771e-05
zgyro (float): -4.82129e-06
xmag (float): 0.24388
ymag (float): -0.00479399
zmag (float): 0.398322
abs_pressure (float): 101309
diff_pressure (float): 0.0823336
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x1695

No.	Time	Source	Destination	Protocol	Length	Info
2219	2.733520355	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 2219: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)
time_usec (uint64): 91939331
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x5d8b

No.	Time	Source	Destination	Protocol	Length	Info
2221	2.733540335	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 2221: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)
time_usec (uint64): 91924775
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0xa611

No.	Time	Source	Destination	Protocol	Length	Info
2225	2.745101725	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2225: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24909, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221139465
xacc (float): 0.202221
yacc (float): 0.00525846
zacc (float): -9.79821
xgyro (float): 0.000117691
ygyro (float): -1.22515e-05
zgyro (float): 3.74767e-06
xmag (float): 0.244114
ymag (float): -0.00386484
zmag (float): 0.398916
abs_pressure (float): 0
diff_pressure (float): 221.139
pressure_alt (float): -0
temperature (float): 1.07285e-27
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe455

No.	Time	Source	Destination	Protocol	Length	Info
2229	2.754743225	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2229: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 24983, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221150131
xacc (float): 0.202371
yacc (float): 0.00528358
zacc (float): -9.79817
xgyro (float): 0.000115259
ygyro (float): -1.59566e-05
zgyro (float): 8.38915e-06
xmag (float): 0.243834
ymag (float): -0.00355533
zmag (float): 0.398186
abs_pressure (float): 1013.09
diff_pressure (float): 221.15
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x1e86

No.	Time	Source	Destination	Protocol	Length	Info
2233	2.754964252	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2233: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 91950852
xacc (float): 0.202124
yacc (float): 0.0052446
zacc (float): -9.79824
xgyro (float): 0.000124965
ygyro (float): -2.26325e-05
zgyro (float): 4.83495e-06
xmag (float): 0.244114
ymag (float): -0.00386484
zmag (float): 0.398916
abs_pressure (float): 101309
diff_pressure (float): 0.0823336
pressure_alt (float): 1.32399

temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x485c

No.	Time	Source	Destination	Protocol	Length	Info
2237	2.765466409	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2237: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25057, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221160430
xacc (float): 0.202498
yacc (float): 0.00530635
zacc (float): -9.79814
xgyro (float): 0.00010931
ygyro (float): -4.03637e-06
zgyro (float): 5.93292e-06
xmag (float): 0.243274
ymag (float): -0.00383277
zmag (float): 0.397979
abs_pressure (float): 0
diff_pressure (float): 221.16
pressure_alt (float): 2
temperature (float): -1.8825e+18
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe80a

No.	Time	Source	Destination	Protocol	Length	Info
2241	2.783776049	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2241: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25131, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221174316
xacc (float): 0.202673
yacc (float): 0.00533751
zacc (float): -9.79819
xgyro (float): 0.000128899
ygyro (float): -4.84946e-06
zgyro (float): -1.07693e-05
xmag (float): 0.243977
ymag (float): -0.0041273
zmag (float): 0.397805
abs_pressure (float): 1013.09
diff_pressure (float): 0.000453894
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 8191
id (uint8): 0

Message CRC: 0x3b0d

No.	Time	Source	Destination	Protocol	Length	Info
2245	2.783937936	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2245: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 91971817
xacc (float): 0.202434
yacc (float): 0.00529514
zacc (float): -9.79815
xgyro (float): 0.000112284
ygyro (float): -9.99646e-06

zgyro (float): 7.16103e-06
xmag (float): 0.243834
ymag (float): -0.00355533
zmag (float): 0.398186
abs_pressure (float): 101309
diff_pressure (float): 0.0823336
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x6fce

No.	Time	Source	Destination	Protocol	Length	Info
2253	2.799845110	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2253: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25205, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221190765
xacc (float): 0.202813
yacc (float): 0.00537252
zacc (float): -9.79814
xgyro (float): 8.77355e-05
ygyro (float): 1.34145e-05
zgyro (float): -2.47275e-06
xmag (float): 0.24386
ymag (float): -0.00412816
zmag (float): 0.398441
abs_pressure (float): 0
diff_pressure (float): 221.191
pressure_alt (float): -2
temperature (float): -2.74438e+16
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd4d3

No.	Time	Source	Destination	Protocol	Length	Info
2258	2.813768008	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2258: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25279, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221200942
xacc (float): 0.202828
yacc (float): 0.00537972
zacc (float): -9.79811
xgyro (float): 0.000100322
ygyro (float): 3.13621e-06
zgyro (float): 8.23796e-06
xmag (float): 0.243992
ymag (float): -0.00436179
zmag (float): 0.398389
abs_pressure (float): 1013.09
diff_pressure (float): 221.201
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x4359

No.	Time	Source	Destination	Protocol	Length	Info
2262	2.813964144	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2262: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92002152
xacc (float): 0.202743
yacc (float): 0.00535519
zacc (float): -9.79817
xgyro (float): 0.000108317
ygyro (float): 4.28254e-06
zgyro (float): -6.62101e-06
xmag (float): 0.24386
ymag (float): -0.00412816
zmag (float): 0.398441
abs_pressure (float): 101309
diff_pressure (float): 0.0453894
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x9000

No.	Time	Source	Destination	Protocol	Length	Info
2265	2.822290988	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2265: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25353, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221214111
xacc (float): 0.202851
yacc (float): 0.00538563
zacc (float): -9.79809
xgyro (float): 0.000100435
ygyro (float): -3.42972e-06
zgyro (float): -5.42135e-06
xmag (float): 0.244
ymag (float): -0.00377786
zmag (float): 0.397652
abs_pressure (float): 0
diff_pressure (float): 221.214
pressure_alt (float): 0
temperature (float): 0.328125
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5370

No.	Time	Source	Destination	Protocol	Length	Info
2267	2.822495309	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2267: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)
tc1 (int64): 0
ts1 (int64): 92025498000

Message CRC: 0x58d1

No.	Time	Source	Destination	Protocol	Length	Info
2269	2.822534720	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2269: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92025498
xacc (float): 0.202839
yacc (float): 0.00538285
zacc (float): -9.7981
xgyro (float): 0.000100378
ygyro (float): -1.46755e-07

zgyro (float): 1.40831e-06
xmag (float): 0.244
ymag (float): -0.00377787
zmag (float): 0.397652
abs_pressure (float): 101309
diff_pressure (float): 0.0453894
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xd838

No.	Time	Source	Destination	Protocol	Length	Info
2271	2.822557134	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 2271: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x8b28

No.	Time	Source	Destination	Protocol	Length	Info
2273	2.822577167	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 2273: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x4336

No.	Time	Source	Destination	Protocol	Length	Info
2275	2.822594941	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 2275: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.272223
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x4eb1

No.	Time	Source	Destination	Protocol	Length	Info
2277	2.822611219	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2277: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 92002152
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x2c3b

No.	Time	Source	Destination	Protocol	Length	Info
2280	2.829755191	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2280: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25427, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221223083
xacc (float): -1.59827e+06
yacc (float): 9.35132e+18
zacc (float): 0
xgyro (float): -5.72987e-37
ygyro (float): 5.21912e+26
zgyro (float): -1.26462e-22
xmag (float): -1.9201e-38
ymag (float): 0
zmag (float): -92160
abs_pressure (float): 1013.09
diff_pressure (float): 221.223
pressure_alt (float): 1019.54
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x7bfd

No.	Time	Source	Destination	Protocol	Length	Info
2282	2.829941119	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 2282: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 92034470
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x2db7

No.	Time	Source	Destination	Protocol	Length	Info
2285	2.836259647	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2285: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25501, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221229766
xacc (float): 0.202889
yacc (float): 0.00538392
zacc (float): -9.79809
xgyro (float): 0.000100635
ygyro (float): -1.08882e-05
zgyro (float): 9.44042e-06
xmag (float): 0.243631
ymag (float): -0.0042766

zmag (float): 0.398391
abs_pressure (float): 0
diff_pressure (float): 221.23
pressure_alt (float): 2
temperature (float): -1.09085e-30
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3fbf

No.	Time	Source	Destination	Protocol	Length	Info
2289	2.848007706	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2289: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25575, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221242950
xacc (float): 0.20291
yacc (float): 0.00537835
zacc (float): -9.79807
xgyro (float): 8.90355e-05
ygyro (float): 1.51026e-05
zgyro (float): 5.1062e-06
xmag (float): 0.243594
ymag (float): -0.00334898
zmag (float): 0.398462
abs_pressure (float): 0
diff_pressure (float): 221.243
pressure_alt (float): 2
temperature (float): -3.46667e-31
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf6f7

No.	Time	Source	Destination	Protocol	Length	Info
2293	2.848160100	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2293: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92041153
xacc (float): -799137
yacc (float): 4.67566e+18
zacc (float): 8.16057e+10
xgyro (float): 1.44983e+18
ygyro (float): 2.60956e+26
zgyro (float): 4.53499e+18
xmag (float): 0.244
ymag (float): -0.00377787
zmag (float): 0.397652
abs_pressure (float): 101309
diff_pressure (float): 0.0453894
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 63
id (uint8): 0

Message CRC: 0x4b02

No.	Time	Source	Destination	Protocol	Length	Info
2296	2.853394199	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2296: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25649, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221248519
xacc (float): 3.64295e+11

yacc (float): -4.49627e-33
zacc (float): 0
xgyro (float): 8.10079e-06
ygyro (float): -3.25311e-12
zgyro (float): 4.97161e+07
xmag (float): 6.18719e-33
ymag (float): 0
zmag (float): 1.1259e+15
abs_pressure (float): 1013.09
diff_pressure (float): 221.249
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xef7e

No.	Time	Source	Destination	Protocol	Length	Info
2299	2.858707434	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2299: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25723, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221253738
xacc (float): 0.202933
yacc (float): 0.00538333
zacc (float): -9.79802
xgyro (float): 7.68683e-05
ygyro (float): -5.7178e-06
zgyro (float): -6.23739e-06
xmag (float): 0.243778
ymag (float): -0.00398558
zmag (float): 0.399179
abs_pressure (float): 0
diff_pressure (float): 221.254
pressure_alt (float): -1.0842e-19
temperature (float): -7.09529e+12
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x51f1

No.	Time	Source	Destination	Protocol	Length	Info
2305	2.869387597	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2305: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25797, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221264312
xacc (float): 0.202945
yacc (float): 0.00540582
zacc (float): -9.79844
xgyro (float): 4.21591e-05
ygyro (float): -4.15966e-06
zgyro (float): -6.14006e-06
xmag (float): 0.243691
ymag (float): -0.00405747
zmag (float): 0.398554
abs_pressure (float): 0
diff_pressure (float): 221.264
pressure_alt (float): 2
temperature (float): 1.2528e+30
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb883

No.	Time	Source	Destination	Protocol	Length	Info
2307	2.869537783	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2307: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92065125
xacc (float): 1.82147e+11
yacc (float): 0.00269175
zacc (float): -4.89901
xgyro (float): 0.120137
ygyro (float): -0.504039
zgyro (float): 2.48581e+07
xmag (float): 0.243778
ymag (float): -0.00398559
zmag (float): 0.399179
abs_pressure (float): 101309
diff_pressure (float): 0.0453894
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x1fef

No.	Time	Source	Destination	Protocol	Length	Info
2310	2.874692677	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2310: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25871, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221269577
xacc (float): 1.42892e+11
yacc (float): -1.39651e-14
zacc (float): 0
xgyro (float): -0.00573069
ygyro (float): -1.43787e+23
zgyro (float): -1.6623e-23
xmag (float): -1.80311e-05
ymag (float): 0
zmag (float): -9.91821e-05
abs_pressure (float): 1013.09
diff_pressure (float): 221.27
pressure_alt (float): 1019.54
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x99be

No.	Time	Source	Destination	Protocol	Length	Info
2313	2.879030335	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2313: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 25945, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221274749
xacc (float): 0.202889
yacc (float): 0.0054187
zacc (float): -9.79826
xgyro (float): 7.12782e-05
ygyro (float): 1.75334e-05
zgyro (float): -3.08699e-05
xmag (float): 0.244175
ymag (float): -0.00400848
zmag (float): 0.399414
abs_pressure (float): -9.15802e-36
diff_pressure (float): -0.00248193
pressure_alt (float): -2
temperature (float): -1.36038e+36

fields_updated (uint32): 1535
id (uint8): 0
Message CRC: 0x38a6

No.	Time	Source	Destination	Protocol	Length	Info
2317	2.879257061	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2317: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 92080964
xacc (float): 7.14461e+10
yacc (float): 0.002703
zacc (float): -4.89922
xgyro (float): -3.92057e+14
ygyro (float): -7.18935e+22
zgyro (float): -5.02498e+15
xmag (float): 0.243691
ymag (float): -0.00405748
zmag (float): 0.398554
abs_pressure (float): 101309
diff_pressure (float): -0.248193
pressure_alt (float): 1.3193
temperature (float): 16.887
fields_updated (uint16): 8191
id (uint8): 0
Message CRC: 0xec72

No.	Time	Source	Destination	Protocol	Length	Info
2321	2.889682503	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2321: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26019, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 221284942
xacc (float): 0.202841
yacc (float): 0.00542648
zacc (float): -9.7981
xgyro (float): 5.49151e-05
ygyro (float): 8.9461e-06
zgyro (float): -2.33632e-05
xmag (float): 0.244119
ymag (float): -0.00409172
zmag (float): 0.399002
abs_pressure (float): 0
diff_pressure (float): 221.285
pressure_alt (float): 2
temperature (float): -2.55433e-21
fields_updated (uint32): 511
id (uint8): 0
Message CRC: 0xae8f

No.	Time	Source	Destination	Protocol	Length	Info
2324	2.895039676	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2324: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26093, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 221289993
xacc (float): 0
yacc (float): -6.29573e+15
zacc (float): 0
xgyro (float): 7.15628e-21
ygyro (float): -5.63614e-30
zgyro (float): 2.19979e+32

xmag (float): -4.29612e+12
ymag (float): 0
zmag (float): -4.09287e+19
abs_pressure (float): 1013.09
diff_pressure (float): 221.29
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x6776

No.	Time	Source	Destination	Protocol	Length	Info
2327	2.900379990	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2327: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26167, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221295242
xacc (float): 0.202794
yacc (float): 0.0054316
zacc (float): -9.79797
xgyro (float): 5.39861e-05
ygyro (float): 3.54002e-05
zgyro (float): -1.33788e-05
xmag (float): 0.243759
ymag (float): -0.00353272
zmag (float): 0.398508
abs_pressure (float): 0
diff_pressure (float): 221.295
pressure_alt (float): -1.0842e-19
temperature (float): 1.60044e-26
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1768

No.	Time	Source	Destination	Protocol	Length	Info
2329	2.900510920	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2329: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92101380
xacc (float): 0.101421
yacc (float): -3.14787e+15
zacc (float): -5.49406e+07
xgyro (float): 1.23695e+24
ygyro (float): -7.81459e+24
zgyro (float): 1.09989e+32
xmag (float): 0.244119
ymag (float): -0.00409173
zmag (float): 0.399002
abs_pressure (float): 101309
diff_pressure (float): -0.248193
pressure_alt (float): 1.3193
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xf23b

No.	Time	Source	Destination	Protocol	Length	Info
2333	2.911148297	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2333: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26241, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221305923
xacc (float): 0.202743
yacc (float): 0.00543514
zacc (float): -9.79785
xgyro (float): 5.94172e-05
ygyro (float): 1.65412e-05
zgyro (float): -3.12103e-05
xmag (float): 0.244187
ymag (float): -0.0039387
zmag (float): 0.398955
abs_pressure (float): 0
diff_pressure (float): 221.306
pressure_alt (float): 1.0842e-19
temperature (float): -8.89614e-35
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x721b

No.	Time	Source	Destination	Protocol	Length	Info
2335	2.911333661	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 2335: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.636564
groundspeed (float): 0
alt (float): 1.3193
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x5f10

No.	Time	Source	Destination	Protocol	Length	Info
2336	2.911351125	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 2336: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.636564
groundspeed (float): 0
alt (float): 1.3193
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xd0b3

No.	Time	Source	Destination	Protocol	Length	Info
2338	2.911371150	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2338: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 92096329
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x198a

No.	Time	Source	Destination	Protocol	Length	Info
2341	2.915381887	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2341: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26315, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221311126
xacc (float): 6.12154e+21
yacc (float): -20708.8
zacc (float): 0
xgyro (float): -9.74878e+27
ygyro (float): 1.44724e+08
zgyro (float): 7.46662e-18
xmag (float): 0
ymag (float): 0
zmag (float): 5.10745e-31
abs_pressure (float): 1013.09
diff_pressure (float): 221.311
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xd292

No.	Time	Source	Destination	Protocol	Length	Info
2344	2.915532120	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2344: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 92122513000

Message CRC: 0x16cd

No.	Time	Source	Destination	Protocol	Length	Info
2348	2.920792320	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2348: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26389, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221316299
xacc (float): 0.202639
yacc (float): 0.00542887
zacc (float): -9.79775
xgyro (float): 7.26289e-05
ygyro (float): 1.58336e-05
zgyro (float): -2.12859e-05
xmag (float): 0.243847
ymag (float): -0.00377311
zmag (float): 0.398496
abs_pressure (float): 0
diff_pressure (float): 221.316
pressure_alt (float): 1.0842e-19
temperature (float): -3.62699e-25
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x0ba3

No.	Time	Source	Destination	Protocol	Length	Info
2349	2.920827088	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 2349: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26463, Ack: 1, Len: 51

MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 221316299

lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 38992

Message CRC: 0xdf8d

No.	Time	Source	Destination	Protocol	Length	Info
2353	2.920964651	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2353: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92122513
xacc (float): 3.06077e+21
yacc (float): -10354.4
zacc (float): -4.8991
xgyro (float): -4.87439e+27
ygyro (float): 9.67273e+19
zgyro (float): 1.12677e+20
xmag (float): 0.244187
ymag (float): -0.00393871
zmag (float): 0.398955
abs_pressure (float): 101309
diff_pressure (float): -0.248193
pressure_alt (float): 1.3193
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x0aed

No.	Time	Source	Destination	Protocol	Length	Info
2361	2.920999281	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 2361: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)
time_usec (uint64): 92127686
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x6fa9

No.	Time	Source	Destination	Protocol	Length	Info
2365	2.942156730	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2365: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26514, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221330230
xacc (float): 0.202415
yacc (float): 0.00540647
zacc (float): -9.79769
xgyro (float): 6.38256e-05
ygyro (float): 1.30848e-05
zgyro (float): -1.78264e-05
xmag (float): 0.243768
ymag (float): -0.00399721
zmag (float): 0.398713
abs_pressure (float): 0
diff_pressure (float): 221.33
pressure_alt (float): 2
temperature (float): 4.58425e+27
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd25d

No.	Time	Source	Destination	Protocol	Length	Info
2367	2.942309705	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 2367: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 92141617
altitude_monotonic (float): 1.3193
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x677d

No.	Time	Source	Destination	Protocol	Length	Info
2370	2.951798000	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2370: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26588, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221342987
xacc (float): 0.202222
yacc (float): 0.00538401
zacc (float): -9.79761
xgyro (float): 5.48611e-05
ygyro (float): 2.87651e-06
zgyro (float): -1.45002e-05
xmag (float): 0.243655
ymag (float): -0.00412554
zmag (float): 0.398471
abs_pressure (float): 1013.09
diff_pressure (float): 221.343
pressure_alt (float): 1019.54
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xaf11

No.	Time	Source	Destination	Protocol	Length	Info
2374	2.951955477	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2374: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92141617
xacc (float): 0.202527
yacc (float): 0.00541784
zacc (float): -9.79772
xgyro (float): -0.60997
ygyro (float): -4.10927e+19
zgyro (float): -3.03826e+19
xmag (float): 0.243768
ymag (float): -0.00399722
zmag (float): 0.398713
abs_pressure (float): 101309
diff_pressure (float): -0.248193
pressure_alt (float): 1.3193
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x65aa

No.	Time	Source	Destination	Protocol Length	Info
2378	2.963584306	127.0.0.1	127.0.0.1	MAVLink 2.0 140	HIL_SENSOR

Frame 2378: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26662, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221358703
xacc (float): 0.202007
yacc (float): 0.005338
zacc (float): -9.79767
xgyro (float): 7.72426e-05
ygyro (float): 3.63862e-05
zgyro (float): -2.64448e-05
xmag (float): 0.244054
ymag (float): -0.00425945
zmag (float): 0.397981
abs_pressure (float): 0
diff_pressure (float): 221.359
pressure_alt (float): -0
temperature (float): -1.34027e+19
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6c7d

No.	Time	Source	Destination	Protocol Length	Info
2382	2.963739864	127.0.0.1	127.0.0.1	MAVLink 1.0 112	HIGHRES_IMU

Frame 2382: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92154374
xacc (float): 0.202318
yacc (float): 0.00539541
zacc (float): -9.79765
xgyro (float): 5.93434e-05
ygyro (float): 7.98065e-06
zgyro (float): -1.61633e-05
xmag (float): 0.243655
ymag (float): -0.00412555
zmag (float): 0.398471
abs_pressure (float): 101309
diff_pressure (float): -0.248193
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xb979

No.	Time	Source	Destination	Protocol	Length	Info
2386	2.963782868	127.0.0.1	127.0.0.1	MAVLink 1.0	92	ESTIMATOR_STATUS

Frame 2386: 92 bytes on wire (736 bits), 92 bytes captured (736 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (50)

Header

Payload: ESTIMATOR_STATUS (230)
time_usec (uint64): 92154374
vel_ratio (float): 0
pos_horiz_ratio (float): 0
pos_vert_ratio (float): nan
mag_ratio (float): 0
hagl_ratio (float): 0
tas_ratio (float): 0
pos_horiz_accuracy (float): 0
pos_vert_accuracy (float): 0
flags (uint16): 228

Message CRC: 0xb29a

No.	Time	Source	Destination	Protocol	Length	Info
2391	2.968989224	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2391: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26736, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221364212
xacc (float): 0
yacc (float): -6.29573e+15
zacc (float): 0
xgyro (float): 5.57029e-32
ygyro (float): 1.73304e-37
zgyro (float): -9.89451e+26
xmag (float): -2.02405e+26
ymag (float): 0
zmag (float): -1.70307e+36
abs_pressure (float): 1013.09
diff_pressure (float): 221.364
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xb71b

No.	Time	Source	Destination	Protocol	Length	Info
2394	2.977529610	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2394: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26810, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221369613
xacc (float): 0.201898
yacc (float): 0.00529046
zacc (float): -9.79779
xgyro (float): 7.10732e-05
ygyro (float): 9.66317e-08
zgyro (float): -2.5414e-05
xmag (float): 0.243913
ymag (float): -0.0039516
zmag (float): 0.399018
abs_pressure (float): 0
diff_pressure (float): 221.37
pressure_alt (float): -3.68935e+19
temperature (float): 1.68331e-22
fields_updated (uint32): 511

```
id (uint8): 0
Message CRC: 0x0299
No.      Time          Source          Destination      Protocol Length Info
 2397 2.990583574    127.0.0.1      127.0.0.1       MAVLink 2.0 140   HIL_SENSOR
Frame 2397: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26884, Ack: 1, Len: 74
MAVLink Protocol (74)
Header
Payload: HIL_SENSOR (107)
  time_usec (uint64): 221378417
  xacc (float): 0.201898
  yacc (float): 0.00529046
  zacc (float): -9.79779
  xgyro (float): 7.10732e-05
  ygyro (float): 9.66317e-08
  zgyro (float): -2.5414e-05
  xmag (float): 0
  ymag (float): -2.96239e+22
  zmag (float): 5.61196e+27
  abs_pressure (float): 0
  diff_pressure (float): 0.000282808
  pressure_alt (float): 0
  temperature (float): -8.85444e+21
  fields_updated (uint32): 1087
  id (uint8): 0
Message CRC: 0x56aa
No.      Time          Source          Destination      Protocol Length Info
 2399 2.990750009    127.0.0.1      127.0.0.1       MAVLink 1.0 112   HIGHRES_IMU
Frame 2399: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)
Header
Payload: HIGHRES_IMU (105)
  time_usec (uint64): 92181000
  xacc (float): 0.100949
  yacc (float): -3.14787e+15
  zacc (float): -5.49406e+07
  xgyro (float): -4.12104e+18
  ygyro (float): 9.33518e+18
  zgyro (float): -4.94726e+26
  xmag (float): 0.243913
  ymag (float): -0.00395161
  zmag (float): 0.399018
  abs_pressure (float): 101309
  diff_pressure (float): -0.248193
  pressure_alt (float): 1.32399
  temperature (float): 16.887
  fields_updated (uint16): 511
  id (uint8): 0
Message CRC: 0x1305
No.      Time          Source          Destination      Protocol Length Info
 2402 2.998398370    127.0.0.1      127.0.0.1       MAVLink 2.0 140   HIL_SENSOR
Frame 2402: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 26958, Ack: 1, Len: 74
MAVLink Protocol (74)
Header
Payload: HIL_SENSOR (107)
  time_usec (uint64): 221390625
  xacc (float): 0.20207
  yacc (float): 0.00518968
  zacc (float): -9.79778
  xgyro (float): 6.87426e-05
  ygyro (float): 2.46473e-05
  zgyro (float): -2.85134e-05
  xmag (float): 0.243999
```

ymag (float): -0.00395276
zmag (float): 0.398529
abs_pressure (float): 1013.09
diff_pressure (float): 221.391
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x32b7

No.	Time	Source	Destination	Protocol	Length	Info
2410	3.011188650	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2410: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27032, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221405609
xacc (float): 0.202265
yacc (float): 0.00508793
zacc (float): -9.79779
xgyro (float): 6.53992e-05
ygyro (float): 3.51397e-06
zgyro (float): -4.269e-05
xmag (float): 0.24381
ymag (float): -0.00422299
zmag (float): 0.398894
abs_pressure (float): 0
diff_pressure (float): 221.406
pressure_alt (float): -2
temperature (float): 2.0938e+11
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8385

No.	Time	Source	Destination	Protocol	Length	Info
2412	3.011348015	127.0.0.1	127.0.0.1	MAVLink 2.0	63	HEARTBEAT

Frame 2412: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (21)

Header

Payload: HEARTBEAT (0)

custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3

Message CRC: 0x409f

No.	Time	Source	Destination	Protocol	Length	Info
2413	3.011381923	127.0.0.1	127.0.0.1	MAVLink 2.0	86	ALTITUDE

Frame 2413: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (44)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 92216996
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x3c2a

No.	Time	Source	Destination	Protocol	Length	Info
2414	3.011393722	127.0.0.1	127.0.0.1	MAVLink 2.0	95	BATTERY_STATUS

Frame 2414: 95 bytes on wire (760 bits), 95 bytes captured (760 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (53)

Header

Payload: BATTERY_STATUS (147)
current_consumed (int32): 0
energy_consumed (int32): -1
temperature (int16): 32767
voltages[0] (uint16): 4050
voltages[1] (uint16): 4050
voltages[2] (uint16): 4050
voltages[3] (uint16): 4050
voltages[4] (uint16): 65535
voltages[5] (uint16): 65535
voltages[6] (uint16): 65535
voltages[7] (uint16): 65535
voltages[8] (uint16): 65535
voltages[9] (uint16): 65535
current_battery (int16): -100
id (uint8): 0
battery_function (uint8): 1
type (uint8): 1
battery_remaining (int8): 100
time_remaining (int32): 0
charge_state (uint8): 1
voltages_ext[0] (uint16): 0
voltages_ext[1] (uint16): 0
voltages_ext[2] (uint16): 0
voltages_ext[3] (uint16): 0
mode (uint8): 0
fault_bitmask (uint32): 0

Message CRC: 0x0e1c

No.	Time	Source	Destination	Protocol	Length	Info
2415	3.011399202	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2415: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92216996
xacc (float): 0.202167
yacc (float): 0.00513898
zacc (float): -9.79778
xgyro (float): 6.70709e-05
ygyro (float): 1.40806e-05
zgyro (float): -3.56017e-05
xmag (float): 0.24381
ymag (float): -0.004223
zmag (float): 0.398894
abs_pressure (float): 101309
diff_pressure (float): 0.0282808
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x5c44

No.	Time	Source	Destination	Protocol	Length	Info
2416	3.011405872	127.0.0.1	127.0.0.1	MAVLink 2.0	95	ESTIMATOR_STATUS

Frame 2416: 95 bytes on wire (760 bits), 95 bytes captured (760 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (53)

Header

Payload: ESTIMATOR_STATUS (230)
time_usec (uint64): 92216996
vel_ratio (float): 0
pos_horiz_ratio (float): 0

pos_vert_ratio (float): nan
mag_ratio (float): 0
hagl_ratio (float): 0
tas_ratio (float): 0
pos_horiz_accuracy (float): 0
pos_vert_accuracy (float): 0
flags (uint16): 228

Message CRC: 0x0294

No.	Time	Source	Destination	Protocol	Length	Info
2417	3.011431020	127.0.0.1	127.0.0.1	MAVLink 2.0	56	EXTENDED_SYS_STATE

Frame 2417: 56 bytes on wire (448 bits), 56 bytes captured (448 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (14)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x1077

No.	Time	Source	Destination	Protocol	Length	Info
2419	3.011446724	127.0.0.1	127.0.0.1	MAVLink 2.0	97	GPS_RAW_INT

Frame 2419: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (55)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 92127686
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 10
v_acc (uint32): 10
vel_acc (uint32): 250
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0xaf46

No.	Time	Source	Destination	Protocol	Length	Info
2420	3.011463824	127.0.0.1	127.0.0.1	MAVLink 2.0	85	SYS_STATUS

Frame 2420: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (43)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x2b38

No.	Time	Source	Destination	Protocol	Length	Info
2421	3.011474828	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 2421: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.214879
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xdcb5

No.	Time	Source	Destination	Protocol	Length	Info
2422	3.011477714	127.0.0.1	127.0.0.1	MAVLink 2.0	86	WIND_COV

Frame 2422: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (44)

Header

Payload: WIND_COV (231)

time_usec (uint64): 92202012
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x72a2

No.	Time	Source	Destination	Protocol	Length	Info
2424	3.011494914	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2424: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 92202012
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xa972

No.	Time	Source	Destination	Protocol	Length	Info
2427	3.016504769	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2427: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27106, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221411590
xacc (float): 4.27021e-07
yacc (float): -1.39651e-14
zacc (float): 0
xgyro (float): -9.00979e-08
ygyro (float): -7.01425e+25
zgyro (float): -1.01491e-19
xmag (float): -8.16027e+09
ymag (float): 0
zmag (float): 2.46961e+10

abs_pressure (float): 1013.09
diff_pressure (float): 221.412
pressure_alt (float): 1019.54
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x4e1f

No.	Time	Source	Destination	Protocol	Length	Info
2429	3.016620676	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2429: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 92222977000

Message CRC: 0x6db6

No.	Time	Source	Destination	Protocol	Length	Info
2431	3.016656789	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 2431: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0xe889

No.	Time	Source	Destination	Protocol	Length	Info
2433	3.016677965	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 2433: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0xb7be

No.	Time	Source	Destination	Protocol	Length	Info
2436	3.022937932	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2436: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27180, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221417419
xacc (float): 0.202388
yacc (float): 0.00502408
zacc (float): -9.79779
xgyro (float): 5.18875e-05
ygyro (float): -2.68739e-06
zgyro (float): -2.674e-05
xmag (float): 0.243713

ymag (float): -0.00418083
zmag (float): 0.398814
abs_pressure (float): 0
diff_pressure (float): 221.417
pressure_alt (float): -0
temperature (float): -3.5866e-25
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb621

No.	Time	Source	Destination	Protocol	Length	Info
2438	3.023078905	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 2438: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 92228806
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xd43e

No.	Time	Source	Destination	Protocol	Length	Info
2442	3.034698468	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2442: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27254, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221428924
xacc (float): 0.202485
yacc (float): 0.00496593
zacc (float): -9.79779
xgyro (float): 4.85769e-05
ygyro (float): -9.69567e-07
zgyro (float): -4.03251e-05
xmag (float): 0.24414
ymag (float): -0.00361068
zmag (float): 0.398597
abs_pressure (float): 0
diff_pressure (float): 221.429
pressure_alt (float): -2
temperature (float): 5.15985e+34
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe8b3

No.	Time	Source	Destination	Protocol	Length	Info
2445	3.034847880	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2445: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92228806
xacc (float): 0.101194
yacc (float): 0.00251213
zacc (float): -4.89889
xgyro (float): -1.39404e+17
ygyro (float): -3.50712e+25
zgyro (float): -7.30202e+17
xmag (float): 0.243713
ymag (float): -0.00418083
zmag (float): 0.398814

abs_pressure (float): 101309
diff_pressure (float): 0.0282808
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xf466

No.	Time	Source	Destination	Protocol	Length	Info
2449	3.040074096	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2449: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27328, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221434722
xacc (float): 0
yacc (float): 9.35132e+18
zacc (float): 0
xgyro (float): -1.53699e+36
ygyro (float): -8.49955e+30
zgyro (float): 3.8366e+16
xmag (float): -4.20917e+11
ymag (float): 0
zmag (float): 3.9443e-31
abs_pressure (float): 1013.09
diff_pressure (float): 221.435
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x522b

No.	Time	Source	Destination	Protocol	Length	Info
2452	3.046532776	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2452: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27402, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221440826
xacc (float): 0.202585
yacc (float): 0.00491047
zacc (float): -9.79783
xgyro (float): 6.22025e-05
ygyro (float): 1.11221e-05
zgyro (float): -3.85234e-05
xmag (float): 0.243665
ymag (float): -0.00318239
zmag (float): 0.39829
abs_pressure (float): 0
diff_pressure (float): 221.441
pressure_alt (float): 2
temperature (float): 1.35005e+32
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc564

No.	Time	Source	Destination	Protocol	Length	Info
2456	3.058302993	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2456: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27476, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221452575
xacc (float): 0.202684
yacc (float): 0.00487224

zacc (float): -9.79793
xgyro (float): 6.61509e-05
ygyro (float): -5.42072e-06
zgyro (float): -5.42512e-05
xmag (float): 0.244414
ymag (float): -0.00352577
zmag (float): 0.398479
abs_pressure (float): 0
diff_pressure (float): 221.453
pressure_alt (float): -0
temperature (float): 0.867188
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xda4a

No.	Time	Source	Destination	Protocol	Length	Info
2458	3.058457400	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2458: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92252213
xacc (float): 0.101293
yacc (float): 4.67566e+18
zacc (float): 8.16057e+10
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243665
ymag (float): -0.0031824
zmag (float): 0.39829
abs_pressure (float): 101309
diff_pressure (float): 0.0282808
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x3e9e

No.	Time	Source	Destination	Protocol	Length	Info
2461	3.063622571	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2461: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27550, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221458129
xacc (float): 1.70124e+27
yacc (float): -6.14754e-24
zacc (float): 0
xgyro (float): 1.02056e-25
ygyro (float): -1.55038e-28
zgyro (float): -1.21491e-38
xmag (float): 1.1186e+26
ymag (float): 0
zmag (float): -4.05415e+37
abs_pressure (float): 1013.09
diff_pressure (float): 221.458
pressure_alt (float): 1019.54
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x9b87

No.	Time	Source	Destination	Protocol	Length	Info
2466	3.068949858	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2466: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27624, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221463699
xacc (float): 0.202757
yacc (float): 0.00485451
zacc (float): -9.79798
xgyro (float): 5.84406e-05
ygyro (float): -1.02976e-05
zgyro (float): -3.7688e-05
xmag (float): 0.243253
ymag (float): -0.00391953
zmag (float): 0.398862
abs_pressure (float): 0
diff_pressure (float): 221.464
pressure_alt (float): -1.0842e-19
temperature (float): 1.21084e-15
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x0d3f

No.	Time	Source	Destination	Protocol	Length	Info
2472	3.079643243	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2472: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27698, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221475036
xacc (float): 0.202816
yacc (float): 0.00484855
zacc (float): -9.79805
xgyro (float): 8.16822e-05
ygyro (float): 8.62608e-07
zgyro (float): -4.59971e-05
xmag (float): 0.244734
ymag (float): -0.00417856
zmag (float): 0.398102
abs_pressure (float): 0
diff_pressure (float): 221.475
pressure_alt (float): -0
temperature (float): -0.000181198
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xa3b9

No.	Time	Source	Destination	Protocol	Length	Info
2474	3.079796355	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2474: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92275086
xacc (float): 8.50619e+26
yacc (float): 0.00242734
zacc (float): -4.89899
xgyro (float): 2.92203e-05
ygyro (float): -5.14878e-06
zgyro (float): -1.8844e-05
xmag (float): 0.243253
ymag (float): -0.00391953
zmag (float): 0.398862
abs_pressure (float): 101309
diff_pressure (float): 0.0282808
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511

```
id (uint8): 0
Message CRC: 0x70a8
No.      Time          Source          Destination      Protocol Length Info
 2477 3.086038417 127.0.0.1      127.0.0.1      MAVLink 2.0 140   HIL_SENSOR
Frame 2477: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27772, Ack: 1, Len: 74
MAVLink Protocol (74)
```

Header

Payload: HIL_SENSOR (107)

```
time_usec (uint64): 221480514
xacc (float): -1.08607e+10
yacc (float): 6.41042e+19
zacc (float): 0
xgyro (float): 2.85445e-06
ygyro (float): 6.57733e-24
zgyro (float): 4.65093e+14
xmag (float): 0
ymag (float): -2.96239e+22
zmag (float): 5.61196e+27
abs_pressure (float): 1013.09
diff_pressure (float): -0.00178066
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7743
id (uint8): 0
```

Message CRC: 0x6790

```
No.      Time          Source          Destination      Protocol Length Info
 2480 3.091415284 127.0.0.1      127.0.0.1      MAVLink 2.0 140   HIL_SENSOR
Frame 2480: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27846, Ack: 1, Len: 74
MAVLink Protocol (74)
```

Header

Payload: HIL_SENSOR (107)

```
time_usec (uint64): 221486297
xacc (float): 0.202872
yacc (float): 0.00484928
zacc (float): -9.79808
xgyro (float): 5.62835e-05
ygyro (float): -2.04766e-06
zgyro (float): -4.06041e-05
xmag (float): 0.243447
ymag (float): -0.00346046
zmag (float): 0.398445
abs_pressure (float): 0
diff_pressure (float): 221.486
pressure_alt (float): -2
temperature (float): -4.2608e-08
fields_updated (uint32): 511
id (uint8): 0
```

Message CRC: 0x75e9

```
No.      Time          Source          Destination      Protocol Length Info
 2482 3.091622167 127.0.0.1      127.0.0.1      MAVLink 1.0 112   HIGHRES_IMU
Frame 2482: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)
```

Header

Payload: HIGHRES_IMU (105)

```
time_usec (uint64): 92291901
xacc (float): -5.43033e+09
yacc (float): 3.20521e+19
zacc (float): 5.59414e+11
xgyro (float): -1.03642e+06
ygyro (float): -1.94511e+07
zgyro (float): 2.32546e+14
xmag (float): 0.244734
```

ymag (float): -0.00417857
zmag (float): 0.398102
abs_pressure (float): 101309
diff_pressure (float): -0.178066
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x4072

No.	Time	Source	Destination	Protocol	Length	Info
2486	3.103213120	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2486: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27920, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221497848
xacc (float): 0.202912
yacc (float): 0.00485576
zacc (float): -9.79804
xgyro (float): 7.10446e-05
ygyro (float): -5.68597e-06
zgyro (float): -3.39636e-05
xmag (float): 0.244253
ymag (float): -0.00427299
zmag (float): 0.399097
abs_pressure (float): 0
diff_pressure (float): 221.498
pressure_alt (float): 3.68935e+19
temperature (float): -6.6106e+29
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe1f1

No.	Time	Source	Destination	Protocol	Length	Info
2493	3.108538562	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2493: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 27994, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221503570
xacc (float): -1.27829e+09
yacc (float): -6.55359e+35
zacc (float): 0
xgyro (float): 5.27743e+26
ygyro (float): 4.08534e-32
zgyro (float): 1.71668e+20
xmag (float): -3.36219e+20
ymag (float): 0
zmag (float): -4.5036e+17
abs_pressure (float): 1013.09
diff_pressure (float): 221.504
pressure_alt (float): 1019.54
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x4245

No.	Time	Source	Destination	Protocol	Length	Info
2495	3.108671809	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 2495: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.214879

groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x360c

No.	Time	Source	Destination	Protocol	Length	Info
2497	3.108706870	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2497: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 92291901
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x7455

No.	Time	Source	Destination	Protocol	Length	Info
2500	3.118226978	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2500: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28068, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221509353
xacc (float): 0.20279
yacc (float): 0.00489206
zacc (float): -9.79809
xgyro (float): 5.13042e-05
ygyro (float): 6.4064e-06
zgyro (float): -3.9626e-05
xmag (float): 0.243515
ymag (float): -0.00412421
zmag (float): 0.39893
abs_pressure (float): 0
diff_pressure (float): 221.509
pressure_alt (float): -1.0842e-19
temperature (float): -8.52551e+11
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd3fb

No.	Time	Source	Destination	Protocol	Length	Info
2502	3.118382391	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2502: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)
tc1 (int64): 0
ts1 (int64): 92320740000

Message CRC: 0xc8bb

No.	Time	Source	Destination	Protocol	Length	Info
2504	3.118428221	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2504: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92320740
xacc (float): -6.39144e+08
yacc (float): -3.2768e+35
zacc (float): -5.71909e+27
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243515
ymag (float): -0.00412422
zmag (float): 0.39893
abs_pressure (float): 101309
diff_pressure (float): -0.178066
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x2993

No.	Time	Source	Destination	Protocol	Length	Info
2507	3.132290532	127.0.0.1	127.0.0.1	MAVLink 2.0	115	HIL_GPS

Frame 2507: 115 bytes on wire (920 bits), 115 bytes captured (920 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28142, Ack: 1, Len: 49
MAVLink Protocol (49)

Header

Payload: HIL_GPS (113)
time_usec (uint64): 221518280
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 0

Message CRC: 0x09a7

No.	Time	Source	Destination	Protocol	Length	Info
2510	3.140894725	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2510: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28191, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221532241
xacc (float): 0.202429
yacc (float): 0.00497836
zacc (float): -9.79864
xgyro (float): 4.44024e-05
ygyro (float): 1.06851e-05
zgyro (float): -4.76344e-05
xmag (float): 0.244038
ymag (float): -0.00398237
zmag (float): 0.399096
abs_pressure (float): 1013.09
diff_pressure (float): 221.532
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x0f16

No.	Time	Source	Destination	Protocol	Length	Info
2512	3.141032921	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 2512: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 92343628
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xe327

No.	Time	Source	Destination	Protocol	Length	Info
2516	3.141067008	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 2516: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 92320740
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x2e6b

No.	Time	Source	Destination	Protocol	Length	Info
2524	3.154814910	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2524: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28265, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221548767
xacc (float): 0.202285
yacc (float): 0.00485754
zacc (float): -9.80041
xgyro (float): 9.15272e-06
ygyro (float): -5.61632e-06
zgyro (float): -3.48636e-05
xmag (float): 0.243637
ymag (float): -0.0037439
zmag (float): 0.398619
abs_pressure (float): 0
diff_pressure (float): 221.549
pressure_alt (float): -0
temperature (float): -0.169922
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x9643

No.	Time	Source	Destination	Protocol	Length	Info
2526	3.154946967	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2526: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92343628
xacc (float): 0.20261
yacc (float): 0.00493538
zacc (float): -9.79836
xgyro (float): -3.53492e+11
ygyro (float): 5.54819e+18
zgyro (float): 1.08671e+18
xmag (float): 0.244038
ymag (float): -0.00398238
zmag (float): 0.399096
abs_pressure (float): 101309
diff_pressure (float): -0.178066
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x3bbf

No.	Time	Source	Destination	Protocol	Length	Info
2533	3.160174935	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2533: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28339, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221554779
xacc (float): 0
yacc (float): 6.06258e-36
zacc (float): 0
xgyro (float): -1.51988e+07
ygyro (float): 6.28319e-11
zgyro (float): -4.51487e-08
xmag (float): 3.39437e-10
ymag (float): 0
zmag (float): -4.01592e+33
abs_pressure (float): 1013.09
diff_pressure (float): 221.555
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xae22

No.	Time	Source	Destination	Protocol	Length	Info
2535	3.160296787	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 2535: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 18570, Dst Port: 14550

MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.214879
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xded2

No.	Time	Source	Destination	Protocol	Length	Info
2537	3.173059384	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2537: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28413, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221560195
xacc (float): 0.203237
yacc (float): 0.00467942
zacc (float): -9.79926
xgyro (float): 1.32752e-05
ygyro (float): -2.59501e-05
zgyro (float): -2.71174e-05
xmag (float): 0.244358
ymag (float): -0.00409223
zmag (float): 0.398452
abs_pressure (float): 0
diff_pressure (float): 221.56
pressure_alt (float): 1.0842e-19
temperature (float): 3.25753e-34
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x9135

No.	Time	Source	Destination	Protocol	Length	Info
2540	3.184783132	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2540: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28487, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221573364
xacc (float): 0.203609
yacc (float): 0.00464967
zacc (float): -9.7984
xgyro (float): -3.73901e-05
ygyro (float): -2.86155e-05
zgyro (float): -3.38093e-05
xmag (float): 0.243723
ymag (float): -0.00372039
zmag (float): 0.398237
abs_pressure (float): 0
diff_pressure (float): 221.573
pressure_alt (float): 0
temperature (float): -4.98682e+24
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x74af

No.	Time	Source	Destination	Protocol	Length	Info
2542	3.184919667	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2542: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92371582
xacc (float): 0.101618
yacc (float): 0.0023398
zacc (float): -4.89963
xgyro (float): -7.59942e+06
ygyro (float): 0.0147331
zgyro (float): 0.038695
xmag (float): 0.244358
ymag (float): -0.00409224
zmag (float): 0.398452
abs_pressure (float): 101309
diff_pressure (float): -0.178066
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xe087

No. Time Source Destination Protocol Length Info
2547 3.195546013 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2547: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28561, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221584991
xacc (float): 0.20399
yacc (float): 0.00482354
zacc (float): -9.79632
xgyro (float): -2.53417e-05
ygyro (float): -1.02231e-05
zgyro (float): -5.20293e-05
xmag (float): 0.243173
ymag (float): -0.00442049
zmag (float): 0.399355
abs_pressure (float): 1013.09
diff_pressure (float): 0.000611347
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 8191
id (uint8): 0

Message CRC: 0xe703

No. Time Source Destination Protocol Length Info
2550 3.204042706 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2550: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28635, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221596389
xacc (float): 0.203299
yacc (float): 0.00512071
zacc (float): -9.79617
xgyro (float): -8.56881e-06
ygyro (float): 3.0522e-06
zgyro (float): -4.67794e-05
xmag (float): 0.243985
ymag (float): -0.00377939
zmag (float): 0.398994
abs_pressure (float): 0
diff_pressure (float): 221.596
pressure_alt (float): -1.0842e-19
temperature (float): -1.81535e+07
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5bda

No. Time Source Destination Protocol Length Info
2552 3.204196459 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 2552: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92396378
xacc (float): 0.203799
yacc (float): 0.00473677
zacc (float): -9.79736
xgyro (float): -3.13659e-05
ygyro (float): -1.94193e-05
zgyro (float): -4.29193e-05
xmag (float): 0.243173
ymag (float): -0.0044205
zmag (float): 0.399355

abs_pressure (float): 101309
diff_pressure (float): 0.0611347
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x3cd1

No.	Time	Source	Destination	Protocol	Length	Info
2558	3.215766077	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2558: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28709, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221611114
xacc (float): 0.202497
yacc (float): 0.00526568
zacc (float): -9.79727
xgyro (float): 1.47955e-05
ygyro (float): 2.94147e-05
zgyro (float): -4.58425e-05
xmag (float): 0.243835
ymag (float): -0.00421323
zmag (float): 0.398059
abs_pressure (float): 1013.09
diff_pressure (float): 221.611
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x5f75

No.	Time	Source	Destination	Protocol	Length	Info
2560	3.215918683	127.0.0.1	127.0.0.1	MAVLink 1.0	59	HEARTBEAT

Frame 2560: 59 bytes on wire (472 bits), 59 bytes captured (472 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (17)

Header

Payload: HEARTBEAT (0)

custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3

Message CRC: 0x5ee4

No.	Time	Source	Destination	Protocol	Length	Info
2564	3.215952603	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2564: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 92422501000

Message CRC: 0x54ed

No.	Time	Source	Destination	Protocol	Length	Info
2566	3.215972933	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2566: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92407776

xacc (float): 0.203645
yacc (float): 0.00497229
zacc (float): -9.79624
xgyro (float): -1.69552e-05
ygyro (float): -3.58543e-06
zgyro (float): -4.94043e-05
xmag (float): 0.243985
ymag (float): -0.0037794
zmag (float): 0.398994
abs_pressure (float): 101309
diff_pressure (float): 0.0611347
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xd557

No.	Time	Source	Destination	Protocol	Length	Info
2568	3.215991789	127.0.0.1	127.0.0.1	MAVLink 1.0	86	BATTERY_STATUS

Frame 2568: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (44)

Header

Payload: BATTERY_STATUS (147)

current_consumed (int32): 0
energy_consumed (int32): -1
temperature (int16): 32767
voltages[0] (uint16): 4050
voltages[1] (uint16): 4050
voltages[2] (uint16): 4050
voltages[3] (uint16): 4050
voltages[4] (uint16): 65535
voltages[5] (uint16): 65535
voltages[6] (uint16): 65535
voltages[7] (uint16): 65535
voltages[8] (uint16): 65535
voltages[9] (uint16): 65535
current_battery (int16): -100
id (uint8): 0
battery_function (uint8): 1
type (uint8): 1
battery_remaining (int8): 100
time_remaining (int32): 0
charge_state (uint8): 0
voltages_ext[0] (uint16): 0
voltages_ext[1] (uint16): 0
voltages_ext[2] (uint16): 0
voltages_ext[3] (uint16): 0
mode (uint8): 0
fault_bitmask (uint32): 0

Message CRC: 0x4d07

No.	Time	Source	Destination	Protocol	Length	Info
2570	3.216007475	127.0.0.1	127.0.0.1	MAVLink 1.0	83	COMMAND_LONG

Frame 2570: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (41)

Header

Payload: COMMAND_LONG (76)

param1 (float): 0
param2 (float): 0
param3 (float): 0
param4 (float): 0
param5 (float): 0
param6 (float): 0
param7 (float): 0
command (uint16): 200
target_system (uint8): 0
target_component (uint8): 0

```
confirmation (uint8): 0
Message CRC: 0x36d4
No.      Time          Source          Destination      Protocol Length Info
 2572 3.216023843    127.0.0.1      127.0.0.1       MAVLink 1.0 52    EXTENDED_SYS_STATE
Frame 2572: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)
  Header
  Payload: EXTENDED_SYS_STATE (245)
    vtol_state (uint8): 0
    landed_state (uint8): 1
  Message CRC: 0xade3
No.      Time          Source          Destination      Protocol Length Info
 2574 3.216040166    127.0.0.1      127.0.0.1       MAVLink 1.0 64    PING
Frame 2574: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (22)
  Header
  Payload: PING (4)
    time_usec (uint64): 92422501
    seq (uint32): 91
    target_system (uint8): 0
    target_component (uint8): 0
  Message CRC: 0xfce0
No.      Time          Source          Destination      Protocol Length Info
 2576 3.216057136    127.0.0.1      127.0.0.1       MAVLink 1.0 81    SYS_STATUS
Frame 2576: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)
  Header
  Payload: SYS_STATUS (1)
    onboard_control_sensors_present (uint32): 270532669
    onboard_control_sensors_enabled (uint32): 270598207
    onboard_control_sensors_health (uint32): 2097181
    load (uint16): 0
    voltage_battery (uint16): 16200
    current_battery (int16): -100
    drop_rate_comm (uint16): 0
    errors_comm (uint16): 0
    errors_count1 (uint16): 0
    errors_count2 (uint16): 0
    errors_count3 (uint16): 0
    errors_count4 (uint16): 0
    battery_remaining (int8): 100
  Message CRC: 0x0ff9
No.      Time          Source          Destination      Protocol Length Info
 2578 3.216073382    127.0.0.1      127.0.0.1       MAVLink 1.0 62    SYSTEM_TIME
Frame 2578: 62 bytes on wire (496 bits), 62 bytes captured (496 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (20)
  Header
  Payload: SYSTEM_TIME (2)
    time_unix_usec (uint64): 1647986460856108
    time_boot_ms (uint32): 92422
  Message CRC: 0xfe33
No.      Time          Source          Destination      Protocol Length Info
 2580 3.216089822    127.0.0.1      127.0.0.1       MAVLink 1.0 70    VFR_HUD
Frame 2580: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)
  Header
```

Payload: VFR_HUD (74)
airspeed (float): -0.539185
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xf8d6

No.	Time	Source	Destination	Protocol	Length	Info
2582	3.216105876	127.0.0.1	127.0.0.1	MAVLink 1.0	82	VIBRATION

Frame 2582: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: VIBRATION (241)
time_usec (uint64): 92422501
vibration_x (float): -nan
vibration_y (float): -nan
vibration_z (float): nan
clipping_0 (uint32): 1886
clipping_1 (uint32): 0
clipping_2 (uint32): 0

Message CRC: 0x46d5

No.	Time	Source	Destination	Protocol	Length	Info
2584	3.216121289	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2584: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 92396378
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x74cd

No.	Time	Source	Destination	Protocol	Length	Info
2588	3.226393270	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2588: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28783, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221621749
xacc (float): 0.202145
yacc (float): 0.00521375
zacc (float): -9.79737
xgyro (float): -9.55174e-07
ygyro (float): 1.27412e-05
zgyro (float): -6.44137e-05
xmag (float): 0.243676
ymag (float): -0.00351015
zmag (float): 0.398643
abs_pressure (float): 0
diff_pressure (float): 221.622
pressure_alt (float): 3.68935e+19
temperature (float): -4.67854e+26
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6905

No.	Time	Source	Destination	Protocol	Length	Info
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2590 3.226546874 127.0.0.1 127.0.0.1 MAVLink 1.0 82 ALTITUDE
Frame 2590: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 92433136
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x3587

No.	Time	Source	Destination	Protocol	Length	Info
2594	3.237135337	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2594: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28857, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221632217
xacc (float): 0.20199
yacc (float): 0.00516817
zacc (float): -9.79745
xgyro (float): 7.97481e-06
ygyro (float): -1.21399e-05
zgyro (float): -5.24868e-05
xmag (float): 0.243829
ymag (float): -0.00418393
zmag (float): 0.398279
abs_pressure (float): 1013.09
diff_pressure (float): 221.632
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x67eb

No.	Time	Source	Destination	Protocol	Length	Info
2597	3.237354898	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2597: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92433136
xacc (float): 0.202321
yacc (float): 0.00523988
zacc (float): -9.79732
xgyro (float): 6.92017e-06
ygyro (float): 2.1078e-05
zgyro (float): -5.51281e-05
xmag (float): 0.243676
ymag (float): -0.00351015
zmag (float): 0.398643
abs_pressure (float): 101309
diff_pressure (float): 0.0611347
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x5fee

No.	Time	Source	Destination	Protocol	Length	Info
2604	3.247842051	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2604: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 28931, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221642700
xacc (float): 0.201868
yacc (float): 0.00515197
zacc (float): -9.79754
xgyro (float): 4.64252e-05
ygyro (float): 5.47108e-06
zgyro (float): -5.12121e-05
xmag (float): 0.243814
ymag (float): -0.00467747
zmag (float): 0.398352
abs_pressure (float): 0
diff_pressure (float): 221.643
pressure_alt (float): 0
temperature (float): -2.94683e-24
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2321

No.	Time	Source	Destination	Protocol	Length	Info
2610	3.257524704	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2610: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29005, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221653015
xacc (float): 0.201718
yacc (float): 0.00515009
zacc (float): -9.79778
xgyro (float): 4.76814e-05
ygyro (float): -6.46913e-06
zgyro (float): -4.79911e-05
xmag (float): 0.243202
ymag (float): -0.00353477
zmag (float): 0.398843
abs_pressure (float): 1013.09
diff_pressure (float): 221.653
pressure_alt (float): 1019.54
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x3d29

No.	Time	Source	Destination	Protocol	Length	Info
2612	3.257676019	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2612: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92454087
xacc (float): 0.201929
yacc (float): 0.00516024
zacc (float): -9.79749
xgyro (float): 2.72e-05
ygyro (float): -3.33441e-06
zgyro (float): -5.18495e-05
xmag (float): 0.243829
ymag (float): -0.00418394
zmag (float): 0.398279
abs_pressure (float): 101309
diff_pressure (float): 0.0611347
pressure_alt (float): 1.32399

temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xac45

No.	Time	Source	Destination	Protocol	Length	Info
2615	3.265645826	127.0.0.1	127.0.0.1	MAVLink 2.0	63	HEARTBEAT

Frame 2615: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14550, Dst Port: 18570
MAVLink Protocol (21)

Header

Payload: HEARTBEAT (0)

custom_mode (uint32): 0
type (uint8): 6
autopilot (uint8): 8
base_mode (uint8): 192
system_status (uint8): 4
mavlink_version (uint8): 3

Message CRC: 0xaaca

No.	Time	Source	Destination	Protocol	Length	Info
2617	3.268199713	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2617: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29079, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221663208
xacc (float): 0.201669
yacc (float): 0.00513348
zacc (float): -9.79806
xgyro (float): 1.92269e-05
ygyro (float): -8.19232e-06
zgyro (float): -5.29553e-05
xmag (float): 0.24346
ymag (float): -0.00476532
zmag (float): 0.39846
abs_pressure (float): 0
diff_pressure (float): 221.663
pressure_alt (float): 0
temperature (float): -8.85837e+09
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xa07c

No.	Time	Source	Destination	Protocol	Length	Info
2623	3.278920364	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2623: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29153, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221673721
xacc (float): 0.201721
yacc (float): 0.0051192
zacc (float): -9.79815
xgyro (float): 3.10689e-05
ygyro (float): 2.15635e-05
zgyro (float): -6.66343e-05
xmag (float): 0.243123
ymag (float): -0.00403962
zmag (float): 0.39845
abs_pressure (float): 1013.09
diff_pressure (float): 221.674
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x899c

No. Time Source Destination Protocol Length Info
2625 3.279113233 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 2625: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92485108
xacc (float): 0.201695
yacc (float): 0.00512651
zacc (float): -9.79811
xgyro (float): 2.51479e-05
ygyro (float): 6.6856e-06
zgyro (float): -5.97948e-05
xmag (float): 0.243123
ymag (float): -0.00403963
zmag (float): 0.39845
abs_pressure (float): 101309
diff_pressure (float): 0.0611347
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x7181

No. Time Source Destination Protocol Length Info
2629 3.288576846 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2629: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29227, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221684112
xacc (float): 0.201829
yacc (float): 0.00512639
zacc (float): -9.79821
xgyro (float): 8.3143e-06
ygyro (float): -9.23462e-06
zgyro (float): -4.39585e-05
xmag (float): 0.243673
ymag (float): -0.00395178
zmag (float): 0.397992
abs_pressure (float): 0
diff_pressure (float): 221.684
pressure_alt (float): 2
temperature (float): 5.18384e-19
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x79e4

No. Time Source Destination Protocol Length Info
2636 3.293944685 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2636: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29301, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221689224
xacc (float): 0.201829
yacc (float): 0.00512639
zacc (float): -9.79821
xgyro (float): 8.3143e-06
ygyro (float): -9.23462e-06
zgyro (float): -4.39585e-05
xmag (float): 0
ymag (float): -2.96239e+22

zmag (float): 5.61196e+27
abs_pressure (float): 0
diff_pressure (float): -0.00130447
pressure_alt (float): 1.0842e-19
temperature (float): 4.97968e-29
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0x4c47

No.	Time	Source	Destination	Protocol	Length	Info
2638	3.294141450	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2638: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92495499
xacc (float): 0.201775
yacc (float): 0.00512296
zacc (float): -9.79818
xgyro (float): 1.96916e-05
ygyro (float): 6.16445e-06
zgyro (float): -5.52964e-05
xmag (float): 0.243673
ymag (float): -0.00395179
zmag (float): 0.397992
abs_pressure (float): 101309
diff_pressure (float): 0.0611347
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x93ee

No.	Time	Source	Destination	Protocol	Length	Info
2645	3.299286345	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2645: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29375, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221694519
xacc (float): 0.201964
yacc (float): 0.00514066
zacc (float): -9.79812
xgyro (float): 2.39004e-05
ygyro (float): 1.73957e-06
zgyro (float): -6.46677e-05
xmag (float): 0.243735
ymag (float): -0.00387427
zmag (float): 0.398267
abs_pressure (float): 1013.09
diff_pressure (float): 221.695
pressure_alt (float): 1019.54
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xab1b

No.	Time	Source	Destination	Protocol	Length	Info
2649	3.308881778	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2649: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29449, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221704681
xacc (float): 0.202097

yacc (float): 0.00514542
zacc (float): -9.79806
xgyro (float): 4.19522e-05
ygyro (float): 3.66305e-06
zgyro (float): -6.75028e-05
xmag (float): 0.243177
ymag (float): -0.00416221
zmag (float): 0.397756
abs_pressure (float): 0
diff_pressure (float): 221.705
pressure_alt (float): -2
temperature (float): -4.35939e+11
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc154

No.	Time	Source	Destination	Protocol	Length	Info
2651	3.309045200	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 2651: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.31593
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xe84e

No.	Time	Source	Destination	Protocol	Length	Info
2655	3.309081528	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2655: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 92495499
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x4a66

No.	Time	Source	Destination	Protocol	Length	Info
2659	3.319518935	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2659: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29523, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221714950
xacc (float): 0.202218
yacc (float): 0.00514819
zacc (float): -9.79799
xgyro (float): 1.83766e-05
ygyro (float): 5.86528e-06
zgyro (float): -5.14651e-05
xmag (float): 0.244004
ymag (float): -0.00358032
zmag (float): 0.398578
abs_pressure (float): 1013.09
diff_pressure (float): 221.715

pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xe4ca

No.	Time	Source	Destination	Protocol	Length	Info
2661	3.319650423	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2661: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 92526337000

Message CRC: 0x7b33

No.	Time	Source	Destination	Protocol	Length	Info
2663	3.319702772	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2663: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92526337
xacc (float): 0.202158
yacc (float): 0.00514698
zacc (float): -9.79803
xgyro (float): 3.01644e-05
ygyro (float): 4.76417e-06
zgyro (float): -5.9484e-05
xmag (float): 0.243177
ymag (float): -0.00416222
zmag (float): 0.397756
abs_pressure (float): 101309
diff_pressure (float): -0.130447
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0xc1b3

No.	Time	Source	Destination	Protocol	Length	Info
2666	3.324883730	127.0.0.1	127.0.0.1	MAVLink 2.0	115	HIL_GPS

Frame 2666: 115 bytes on wire (920 bits), 115 bytes captured (920 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29597, Ack: 1, Len: 49
MAVLink Protocol (49)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 221719955
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 0

Message CRC: 0x422e

No.	Time	Source	Destination	Protocol	Length	Info
2669	3.330226816	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2669: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29646, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221725128
xacc (float): 0.202322
yacc (float): 0.00515223
zacc (float): -9.79797
xgyro (float): 3.60475e-07
ygyro (float): 2.45872e-06
zgyro (float): -5.88136e-05
xmag (float): 0.244389
ymag (float): -0.00353177
zmag (float): 0.398196
abs_pressure (float): 0
diff_pressure (float): 221.725
pressure_alt (float): 2
temperature (float): -4.27957e-29
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x0bf4

No.	Time	Source	Destination	Protocol	Length	Info
2671	3.330406972	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 2671: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 92536515
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xece0

No.	Time	Source	Destination	Protocol	Length	Info
2675	3.330454386	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 2675: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 92526337
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x99a0

No.	Time	Source	Destination	Protocol	Length	Info
2681	3.339847791	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2681: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29720, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221735351
xacc (float): 0.202409
yacc (float): 0.0051541
zacc (float): -9.79793
xgyro (float): 1.53079e-05
ygyro (float): -7.37353e-06
zgyro (float): -5.33958e-05
xmag (float): 0.243723
ymag (float): -0.00382179
zmag (float): 0.39761
abs_pressure (float): 1013.09
diff_pressure (float): 221.735
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x9618

No.	Time	Source	Destination	Protocol	Length	Info
2683	3.339981541	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2683: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92536515
xacc (float): 0.20227
yacc (float): 0.00515038
zacc (float): -9.79798
xgyro (float): 9.36855e-06
ygyro (float): 4.162e-06
zgyro (float): -5.51394e-05
xmag (float): 0.244004
ymag (float): -0.00358033
zmag (float): 0.398578
abs_pressure (float): 101309
diff_pressure (float): -0.130447
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x518e

No.	Time	Source	Destination	Protocol	Length	Info
2691	3.350527764	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2691: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29794, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221745773
xacc (float): 0.202487
yacc (float): 0.00515645
zacc (float): -9.79791
xgyro (float): 1.30562e-05
ygyro (float): -2.95342e-06
zgyro (float): -5.06485e-05
xmag (float): 0.243456
ymag (float): -0.00405368
zmag (float): 0.398769
abs_pressure (float): 0
diff_pressure (float): 221.746
pressure_alt (float): 3.68935e+19
temperature (float): -2.27291e+16
fields_updated (uint32): 511

id (uint8): 0
Message CRC: 0x0b4a

No.	Time	Source	Destination	Protocol	Length	Info
2695	3.362286576	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2695: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29868, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221757095
xacc (float): 0.202416
yacc (float): 0.0051619
zacc (float): -9.79787
xgyro (float): 4.33057e-06
ygyro (float): 6.37386e-07
zgyro (float): -4.5541e-05
xmag (float): 0.243509
ymag (float): -0.00471934
zmag (float): 0.398426
abs_pressure (float): 1013.09
diff_pressure (float): 221.757
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x7e2f

No.	Time	Source	Destination	Protocol	Length	Info
2698	3.362412884	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2698: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92557160
xacc (float): 0.202448
yacc (float): 0.00515545
zacc (float): -9.79792
xgyro (float): 1.4182e-05
ygyro (float): -5.16348e-06
zgyro (float): -5.20221e-05
xmag (float): 0.243456
ymag (float): -0.00405368
zmag (float): 0.398769
abs_pressure (float): 101309
diff_pressure (float): -0.130447
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x74ad

No.	Time	Source	Destination	Protocol	Length	Info
2703	3.371901388	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2703: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 29942, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221767379
xacc (float): 0.202305
yacc (float): 0.005162
zacc (float): -9.79738
xgyro (float): 1.01291e-05
ygyro (float): -1.49702e-06
zgyro (float): -4.57924e-05
xmag (float): 0.243764

ymag (float): -0.0042332
zmag (float): 0.399294
abs_pressure (float): 0
diff_pressure (float): 221.767
pressure_alt (float): 3.68935e+19
temperature (float): -3.70537e-15
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf655

No.	Time	Source	Destination	Protocol	Length	Info
2707	3.381531162	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2707: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30016, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221777099
xacc (float): -1.81281e+25
yacc (float): -4.55616e+08
zacc (float): 0
xgyro (float): 2.64914e+11
ygyro (float): 25.5285
zgyro (float): -1.72217e-28
xmag (float): -9.15016e-30
ymag (float): 0
zmag (float): -1.35417e-34
abs_pressure (float): 1013.09
diff_pressure (float): 221.777
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xe4f7

No.	Time	Source	Destination	Protocol	Length	Info
2709	3.381704367	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2709: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92588486
xacc (float): -9.06407e+24
yacc (float): -2.27808e+08
zacc (float): -8.87469
xgyro (float): 1.32457e+11
ygyro (float): -5171.13
zgyro (float): 48.7907
xmag (float): 0.243764
ymag (float): -0.0042332
zmag (float): 0.399294
abs_pressure (float): 101309
diff_pressure (float): -0.130447
pressure_alt (float): 1.3193
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xc379

No.	Time	Source	Destination	Protocol	Length	Info
2712	3.386857086	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2712: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30090, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221782058

xacc (float): 0.202196
yacc (float): 0.00518723
zacc (float): -9.79791
xgyro (float): 1.06373e-05
ygyro (float): 1.65126e-05
zgyro (float): -4.66118e-05
xmag (float): 0.243672
ymag (float): -0.00439733
zmag (float): 0.397978
abs_pressure (float): 0
diff_pressure (float): 221.782
pressure_alt (float): -1.0842e-19
temperature (float): 1.63896e+13
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x28b2

No.	Time	Source	Destination	Protocol	Length	Info
2716	3.396485412	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2716: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30164, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221792236
xacc (float): 0.202228
yacc (float): 0.0051874
zacc (float): -9.79789
xgyro (float): -1.28817e-05
ygyro (float): -6.76731e-06
zgyro (float): -5.85004e-05
xmag (float): 0.243673
ymag (float): -0.00421725
zmag (float): 0.398863
abs_pressure (float): 0
diff_pressure (float): 0.00166967
pressure_alt (float): 0
temperature (float): -1.47774e+15
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x6f7f

No.	Time	Source	Destination	Protocol	Length	Info
2720	3.396657121	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2720: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92593445
xacc (float): -9.06406e+24
yacc (float): -2.27808e+08
zacc (float): -8.87496
xgyro (float): 1.32457e+11
ygyro (float): 56.72
zgyro (float): 1109.09
xmag (float): 0.243672
ymag (float): -0.00439734
zmag (float): 0.397978
abs_pressure (float): 101309
diff_pressure (float): -0.130447
pressure_alt (float): 1.3193
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x177e

No.	Time	Source	Destination	Protocol	Length	Info
2723	3.401797530	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2723: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30238, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221797317
xacc (float): 3.20438e-36
yacc (float): 7.81928e-05
zacc (float): 0
xgyro (float): 983980
ygyro (float): -7.74878e+37
zgyro (float): 103061
xmag (float): -1.70919e-25
ymag (float): 0
zmag (float): 5.36871e+09
abs_pressure (float): 1013.09
diff_pressure (float): 221.797
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xb32f

No.	Time	Source	Destination	Protocol	Length	Info
2728	3.407144846	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2728: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30312, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221802322
xacc (float): 0.202238
yacc (float): 0.00518516
zacc (float): -9.79792
xgyro (float): -9.51679e-07
ygyro (float): 5.25383e-06
zgyro (float): -3.66713e-05
xmag (float): 0.243578
ymag (float): -0.00445287
zmag (float): 0.39863
abs_pressure (float): 0
diff_pressure (float): 221.802
pressure_alt (float): -1.0842e-19
temperature (float): -8.60857e-17
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd94e

No.	Time	Source	Destination	Protocol	Length	Info
2732	3.416792247	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2732: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30386, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221812545
xacc (float): 0.20223
yacc (float): 0.00517963
zacc (float): -9.79792
xgyro (float): -1.24375e-05
ygyro (float): -3.00395e-06
zgyro (float): -4.85886e-05
xmag (float): 0.243416
ymag (float): -0.00444345
zmag (float): 0.398845
abs_pressure (float): 0
diff_pressure (float): 221.813
pressure_alt (float): 3.68935e+19

temperature (float): -8.31662e-37

fields_updated (uint32): 511

id (uint8): 0

Message CRC: 0x6ea1

No.	Time	Source	Destination	Protocol	Length	Info
2734	3.416930675	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2734: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0

ts1 (int64): 92623932000

Message CRC: 0x8997

No.	Time	Source	Destination	Protocol	Length	Info
2735	3.416933479	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 2735: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.461491

groundspeed (float): 0

alt (float): 1.3193

climb (float): 0

heading (int16): 0

throttle (uint16): 0

Message CRC: 0x5dd5

No.	Time	Source	Destination	Protocol	Length	Info
2737	3.416971976	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2737: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92613709

xacc (float): 0.101119

yacc (float): 0.00263176

zacc (float): -4.89896

xgyro (float): 491990

ygyro (float): -3.87439e+37

zgyro (float): -5.0723e+32

xmag (float): 0.243673

ymag (float): -0.00421726

zmag (float): 0.398863

abs_pressure (float): 101309

diff_pressure (float): 0.166967

pressure_alt (float): 1.3193

temperature (float): 16.8871

fields_updated (uint16): 1535

id (uint8): 0

Message CRC: 0x8b7c

No.	Time	Source	Destination	Protocol	Length	Info
2739	3.416993369	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 2739: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0

landed_state (uint8): 1

Message CRC: 0xa545

No.	Time	Source	Destination	Protocol	Length	Info
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2741 3.417012512 127.0.0.1 127.0.0.1 MAVLink 1.0 81 SYS_STATUS
Frame 2741: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532669
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 2097181
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0xc93e

No.	Time	Source	Destination	Protocol	Length	Info
2743	3.417029282	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 2743: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.461491
groundspeed (float): 0
alt (float): 1.3193
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x3d31

No.	Time	Source	Destination	Protocol	Length	Info
2745	3.417045005	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2745: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 92593445
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x823e

No.	Time	Source	Destination	Protocol	Length	Info
2748	3.422173714	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2748: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30460, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221817504
xacc (float): -5.96502e-34
yacc (float): -1.36181e-37
zacc (float): 0
xgyro (float): -nan

ygyro (float): -98331.1
zgyro (float): 3.17513e+35
xmag (float): -4491.02
ymag (float): 0
zmag (float): 4.10282e-22
abs_pressure (float): 1013.09
diff_pressure (float): 221.818
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x6cc6

No.	Time	Source	Destination	Protocol	Length	Info
2750	3.422350097	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 2750: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 92628891
altitude_monotonic (float): 1.3193
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xee28

No.	Time	Source	Destination	Protocol	Length	Info
2753	3.427504794	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2753: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30534, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221822570
xacc (float): 0.202371
yacc (float): 0.00516018
zacc (float): -9.79793
xgyro (float): -1.86946e-05
ygyro (float): 1.38519e-05
zgyro (float): -3.71106e-05
xmag (float): 0.244383
ymag (float): -0.00412398
zmag (float): 0.39893
abs_pressure (float): 0
diff_pressure (float): 221.823
pressure_alt (float): -0
temperature (float): -2.11656e+13
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xbe36

No.	Time	Source	Destination	Protocol	Length	Info
2757	3.437118946	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2757: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30608, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221832855
xacc (float): 0.202472
yacc (float): 0.00514884
zacc (float): -9.79791
xgyro (float): -1.64931e-05
ygyro (float): 1.70593e-05
zgyro (float): -4.71009e-05

xmag (float): 0.243406
ymag (float): -0.00459631
zmag (float): 0.399164
abs_pressure (float): 0
diff_pressure (float): 221.833
pressure_alt (float): -2
temperature (float): 5.52518e-11
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7d3f

No.	Time	Source	Destination	Protocol	Length	Info
2760	3.437288635	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2760: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92633957
xacc (float): 0.101186
yacc (float): 0.00258017
zacc (float): -4.89897
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.244383
ymag (float): -0.00412399
zmag (float): 0.39893
abs_pressure (float): 101309
diff_pressure (float): 0.166967
pressure_alt (float): 1.3193
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x6287

No.	Time	Source	Destination	Protocol	Length	Info
2764	3.442471979	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2764: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30682, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221837905
xacc (float): -1.74475e+38
yacc (float): 7.57507e-19
zacc (float): 0
xgyro (float): -3.15389e+10
ygyro (float): -1.45302e+38
zgyro (float): 9.903e-11
xmag (float): -44269.7
ymag (float): 0
zmag (float): -1.63064e-16
abs_pressure (float): 1013.09
diff_pressure (float): 221.838
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x9f52

No.	Time	Source	Destination	Protocol	Length	Info
2767	3.447756663	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2767: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30756, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221843170
xacc (float): 0.202535
yacc (float): 0.00514073
zacc (float): -9.79793
xgyro (float): -2.1103e-05
ygyro (float): 1.88235e-05
zgyro (float): -6.63782e-05
xmag (float): 0.244512
ymag (float): -0.00450828
zmag (float): 0.398298
abs_pressure (float): 0
diff_pressure (float): 221.843
pressure_alt (float): 2
temperature (float): -852
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xa596

No.	Time	Source	Destination	Protocol	Length	Info
2771	3.458522941	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2771: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30830, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221853469
xacc (float): 0.202571
yacc (float): 0.00513552
zacc (float): -9.79792
xgyro (float): -2.71227e-05
ygyro (float): 8.78183e-06
zgyro (float): -8.3384e-05
xmag (float): 0.243923
ymag (float): -0.00465491
zmag (float): 0.398963
abs_pressure (float): 0
diff_pressure (float): 221.853
pressure_alt (float): -1.0842e-19
temperature (float): 0.00544739
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x20f4

No.	Time	Source	Destination	Protocol	Length	Info
2773	3.458667913	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2773: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92654557
xacc (float): -8.72376e+37
yacc (float): 0.00257045
zacc (float): -4.89897
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.244512
ymag (float): -0.00450829
zmag (float): 0.398298
abs_pressure (float): 101309
diff_pressure (float): 0.166967
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x7ea2

No.	Time	Source	Destination	Protocol	Length	Info
2776	3.462780788	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2776: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30904, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221858688
xacc (float): -1800.61
yacc (float): nan
zacc (float): 0
xgyro (float): 8.72401e-23
ygyro (float): 6.49335e-10
zgyro (float): 2.443e-34
xmag (float): -4.10981e+25
ymag (float): 0
zmag (float): -1.14089e+31
abs_pressure (float): 1013.09
diff_pressure (float): 221.859
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x0ead

No.	Time	Source	Destination	Protocol	Length	Info
2779	3.468184881	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2779: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 30978, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221863632
xacc (float): 0.202588
yacc (float): 0.00512971
zacc (float): -9.79793
xgyro (float): -5.71645e-06
ygyro (float): 7.57456e-06
zgyro (float): -4.72757e-05
xmag (float): 0.244097
ymag (float): -0.00454011
zmag (float): 0.398606
abs_pressure (float): 0
diff_pressure (float): 221.864
pressure_alt (float): -3.68935e+19
temperature (float): -1.96088e-19
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1746

No.	Time	Source	Destination	Protocol	Length	Info
2785	3.478865781	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2785: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31052, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221873901
xacc (float): 0.202593
yacc (float): 0.00512573
zacc (float): -9.79794
xgyro (float): -7.47883e-06
ygyro (float): 2.10254e-05
zgyro (float): -4.83755e-05
xmag (float): 0.244474
ymag (float): -0.00343248
zmag (float): 0.398628
abs_pressure (float): 0
diff_pressure (float): 221.874

pressure_alt (float): 0
temperature (float): -2.64586e+16
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe4a6

No.	Time	Source	Destination	Protocol	Length	Info
2790	3.479054857	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2790: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92675019
xacc (float): nan
yacc (float): nan
zacc (float): nan
xgyro (float): -2.85823e-06
ygyro (float): 3.7876e-06
zgyro (float): -2.36379e-05
xmag (float): 0.244097
ymag (float): -0.00454011
zmag (float): 0.398606
abs_pressure (float): 101309
diff_pressure (float): 0.166967
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x3cc1

No.	Time	Source	Destination	Protocol	Length	Info
2794	3.484189213	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2794: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31126, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221879089
xacc (float): -5.2486e+36
yacc (float): 5.89121e+23
zacc (float): 0
xgyro (float): -6.57879e+10
ygyro (float): 5.09747e+37
zgyro (float): -1.66982e-20
xmag (float): 1.00906e-10
ymag (float): 0
zmag (float): 2.75286e-20
abs_pressure (float): 1013.09
diff_pressure (float): 221.879
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xa17c

No.	Time	Source	Destination	Protocol	Length	Info
2797	3.490692654	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2797: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31200, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221884216
xacc (float): 0.202567
yacc (float): 0.0051669
zacc (float): -9.79796
xgyro (float): -1.79704e-05

ygyro (float): 6.93144e-06
zgyro (float): -4.72961e-05
xmag (float): 0.243499
ymag (float): -0.00350121
zmag (float): 0.398443
abs_pressure (float): 0
diff_pressure (float): 221.884
pressure_alt (float): -0
temperature (float): 3.91189e+29
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xef5b

No.	Time	Source	Destination	Protocol	Length	Info
2801	3.501380523	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2801: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31274, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221896209
xacc (float): 0.2025
yacc (float): 0.00521708
zacc (float): -9.79803
xgyro (float): -2.23956e-06
ygyro (float): 7.79447e-06
zgyro (float): -5.14975e-05
xmag (float): 0.243771
ymag (float): -0.00429652
zmag (float): 0.398776
abs_pressure (float): 0
diff_pressure (float): 0.00126999
pressure_alt (float): -2
temperature (float): 1.29562e-17
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x347c

No.	Time	Source	Destination	Protocol	Length	Info
2805	3.501524234	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2805: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92695603
xacc (float): -2.6243e+36
yacc (float): 2.94561e+23
zacc (float): 5.14105e+15
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243499
ymag (float): -0.00350122
zmag (float): 0.398443
abs_pressure (float): 101309
diff_pressure (float): 0.166967
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x6364

No.	Time	Source	Destination	Protocol	Length	Info
2808	3.506722415	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2808: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31348, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221901550
xacc (float): 1.32568
yacc (float): -1.79274e+18
zacc (float): 0
xgyro (float): 1.37552e+28
ygyro (float): 5.63642e-30
zgyro (float): 2.05012e+13
xmag (float): 5.23157e-23
ymag (float): 0
zmag (float): 8.91317e+28
abs_pressure (float): 1013.09
diff_pressure (float): 221.902
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xffcd

No.	Time	Source	Destination	Protocol	Length	Info
2811	3.511006433	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2811: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31422, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221906677
xacc (float): 0.202433
yacc (float): 0.00525596
zacc (float): -9.79806
xgyro (float): -1.43794e-05
ygyro (float): 1.91214e-05
zgyro (float): -2.82527e-05
xmag (float): 0.243703
ymag (float): -0.00370573
zmag (float): 0.398433
abs_pressure (float): 0
diff_pressure (float): 221.907
pressure_alt (float): -0
temperature (float): -7.67668e+25
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb233

No.	Time	Source	Destination	Protocol	Length	Info
2815	3.511129531	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 2815: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.52211
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x51cc

No.	Time	Source	Destination	Protocol	Length	Info
2817	3.511156352	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2817: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 92695603

wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x08f2

No.	Time	Source	Destination	Protocol	Length	Info
2821	3.521705768	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2821: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31496, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221916870
xacc (float): 0.202365
yacc (float): 0.00529131
zacc (float): -9.79809
xgyro (float): 1.8211e-05
ygyro (float): 1.30184e-05
zgyro (float): -4.48651e-05
xmag (float): 0.243905
ymag (float): -0.00358019
zmag (float): 0.398833
abs_pressure (float): 0
diff_pressure (float): 221.917
pressure_alt (float): 0
temperature (float): -1.4483e-31
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8baf

No.	Time	Source	Destination	Protocol	Length	Info
2827	3.521916134	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2827: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 92728257000

Message CRC: 0xe374

No.	Time	Source	Destination	Protocol	Length	Info
2829	3.521956819	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2829: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92728257
xacc (float): 0.202399
yacc (float): 0.00527381
zacc (float): -9.79807
xgyro (float): -70379.2
ygyro (float): 1.07427e+20
zgyro (float): 4.72207e+19
xmag (float): 0.243905
ymag (float): -0.00358019
zmag (float): 0.398833
abs_pressure (float): 101309
diff_pressure (float): 0.126999
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191

```
id (uint8): 0
Message CRC: 0xc85c
No.      Time          Source          Destination      Protocol Length Info
 2832 3.526975158 127.0.0.1      127.0.0.1      MAVLink 2.0 140  HIL_SENSOR
Frame 2832: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31570, Ack: 1, Len: 74
MAVLink Protocol (74)
  Header
  Payload: HIL_SENSOR (107)
    time_usec (uint64): 221922073
    xacc (float): -1.35733e-21
    yacc (float): 8.88006e+10
    zacc (float): 0
    xgyro (float): 27238.6
    ygyro (float): -2.5808e-10
    zgyro (float): 0.27705
    xmag (float): 82.0868
    ymag (float): 0
    zmag (float): 4.81482e-34
    abs_pressure (float): 1013.09
    diff_pressure (float): 221.922
    pressure_alt (float): 1019.53
    temperature (float): 16.887
    fields_updated (uint32): 6719
    id (uint8): 0
  Message CRC: 0xd2d9
No.      Time          Source          Destination      Protocol Length Info
 2833 3.527007514 127.0.0.1      127.0.0.1      MAVLink 2.0 117  HIL_GPS
Frame 2833: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31644, Ack: 1, Len: 51
MAVLink Protocol (51)
  Header
  Payload: HIL_GPS (113)
    time_usec (uint64): 221922073
    lat (int32): 295401477
    lon (int32): -984775390
    alt (int32): 1019
    eph (uint16): 1
    epv (uint16): 1
    vel (uint16): 0
    vn (int16): -1
    ve (int16): -1
    vd (int16): -1
    cog (uint16): 65535
    fix_type (uint8): 3
    satellites_visible (uint8): 8
    id (uint8): 1
    yaw (uint16): 54477
  Message CRC: 0xcd06
No.      Time          Source          Destination      Protocol Length Info
 2835 3.527168527 127.0.0.1      127.0.0.1      MAVLink 1.0 82   ALTITUDE
Frame 2835: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)
  Header
  Payload: ALTITUDE (141)
    time_usec (uint64): 92733460
    altitude_monotonic (float): 1.32399
    altitude_amsl (float): nan
    altitude_local (float): nan
    altitude_relative (float): nan
    altitude_terrain (float): nan
    bottom_clearance (float): nan
  Message CRC: 0x7568
No.      Time          Source          Destination      Protocol Length Info
```

2837 3.527207668 127.0.0.1 127.0.0.1 MAVLink 1.0 80 GPS_RAW_INT
Frame 2837: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 92733460
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x0c52

No.	Time	Source	Destination	Protocol	Length	Info
2840	3.531227961	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2840: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31695, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221927001
xacc (float): 0.202298
yacc (float): 0.00532305
zacc (float): -9.7981
xgyro (float): 5.82627e-06
ygyro (float): -5.12846e-07
zgyro (float): -5.17263e-05
xmag (float): 0.243652
ymag (float): -0.00401559
zmag (float): 0.398665
abs_pressure (float): 0
diff_pressure (float): 221.927
pressure_alt (float): 0
temperature (float): -1.08033e-07
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2b74

No.	Time	Source	Destination	Protocol	Length	Info
2846	3.541990184	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2846: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31769, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221937164
xacc (float): 0.202208
yacc (float): 0.00534724
zacc (float): -9.79804
xgyro (float): 6.04925e-06
ygyro (float): -7.35403e-06
zgyro (float): -8.84757e-05
xmag (float): 0.244992
ymag (float): -0.00404707
zmag (float): 0.398368
abs_pressure (float): 0

diff_pressure (float): 221.937
pressure_alt (float): 2
temperature (float): 4.05835e-24
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xcc18

No.	Time	Source	Destination	Protocol	Length	Info
2848	3.542165629	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2848: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92738388
xacc (float): 0.101149
yacc (float): 4.44003e+10
zacc (float): 770.033
xgyro (float): 13619.3
ygyro (float): 2.01515e-05
zgyro (float): 0.138459
xmag (float): 0.243652
ymag (float): -0.0040156
zmag (float): 0.398665
abs_pressure (float): 101309
diff_pressure (float): 0.126999
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x8ec1

No.	Time	Source	Destination	Protocol	Length	Info
2851	3.547294788	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2851: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31843, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221942321
xacc (float): 2.4806e-17
yacc (float): 1.08337e+30
zacc (float): 0
xgyro (float): 4.59696e-16
ygyro (float): -1.01079e+16
zgyro (float): -1.51291e+38
xmag (float): -5.48648e-13
ymag (float): 0
zmag (float): 7.74763e+20
abs_pressure (float): 1013.09
diff_pressure (float): 221.942
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xb575

No.	Time	Source	Destination	Protocol	Length	Info
2856	3.552676073	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2856: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31917, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 221947570
xacc (float): 0.202233
yacc (float): 0.00531265
zacc (float): -9.79801

xgyro (float): -1.05483e-05
ygyro (float): 3.11287e-05
zgyro (float): -4.25547e-05
xmag (float): 0.24361
ymag (float): -0.0040657
zmag (float): 0.39829
abs_pressure (float): 0
diff_pressure (float): 221.948
pressure_alt (float): -0
temperature (float): 9.09056e+22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1542

No.	Time	Source	Destination	Protocol	Length	Info
2860	3.562270622	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2860: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 31991, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221957748
xacc (float): 0.202265
yacc (float): 0.00527408
zacc (float): -9.79799
xgyro (float): 2.14349e-05
ygyro (float): 1.55223e-05
zgyro (float): -6.70499e-05
xmag (float): 0.24441
ymag (float): -0.00409901
zmag (float): 0.39883
abs_pressure (float): 0
diff_pressure (float): 221.958
pressure_alt (float): -3.68935e+19
temperature (float): -7.99024e+24
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xa88c

No.	Time	Source	Destination	Protocol	Length	Info
2862	3.562484851	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2862: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92758957
xacc (float): 0.101117
yacc (float): 5.41686e+29
zacc (float): 9.4542e+21
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.24361
ymag (float): -0.00406571
zmag (float): 0.39829
abs_pressure (float): 101309
diff_pressure (float): 0.126999
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x0922

No.	Time	Source	Destination	Protocol	Length	Info
2865	3.567589115	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2865: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32065, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221962661
xacc (float): -6.89359e-21
yacc (float): -4.86442e-22
zacc (float): 0
xgyro (float): -9.03551e-15
ygyro (float): 1.05883e+13
zgyro (float): -1.45279e-21
xmag (float): -2.75099e-29
ymag (float): 0
zmag (float): -2.70364e-37
abs_pressure (float): 1013.09
diff_pressure (float): 221.963
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xa98c

No.	Time	Source	Destination	Protocol	Length	Info
2869	3.577274651	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2869: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32139, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221972610
xacc (float): 0.202312
yacc (float): 0.00522329
zacc (float): -9.79797
xgyro (float): 1.63514e-05
ygyro (float): 2.07609e-05
zgyro (float): -5.80817e-05
xmag (float): 0.243603
ymag (float): -0.00366061
zmag (float): 0.398933
abs_pressure (float): 0
diff_pressure (float): 221.973
pressure_alt (float): -1.0842e-19
temperature (float): 5.70115e-36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7783

No.	Time	Source	Destination	Protocol	Length	Info
2871	3.577441288	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2871: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92774048
xacc (float): 0.101132
yacc (float): 0.00263712
zacc (float): -4.899
xgyro (float): 246080
ygyro (float): 5.29416e+12
zgyro (float): 116843
xmag (float): 0.24441
ymag (float): -0.00409902
zmag (float): 0.39883
abs_pressure (float): 101309
diff_pressure (float): 0.126999
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x33bc

No.	Time	Source	Destination	Protocol	Length	Info
2876	3.592213944	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2876: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32213, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221987213
xacc (float): 0.20235
yacc (float): 0.00518326
zacc (float): -9.79795
xgyro (float): 9.063e-06
ygyro (float): 1.70059e-05
zgyro (float): -5.79352e-05
xmag (float): 0.243556
ymag (float): -0.0044535
zmag (float): 0.398314
abs_pressure (float): 1013.09
diff_pressure (float): 221.987
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xaf8a

No.	Time	Source	Destination	Protocol	Length	Info
2882	3.601814265	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2882: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32287, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 221997665
xacc (float): 0.202373
yacc (float): 0.00515737
zacc (float): -9.79792
xgyro (float): 9.49312e-06
ygyro (float): 1.79175e-05
zgyro (float): -4.42217e-05
xmag (float): 0.244085
ymag (float): -0.00442516
zmag (float): 0.39861
abs_pressure (float): 0
diff_pressure (float): -0.00028436
pressure_alt (float): -3.68935e+19
temperature (float): -103.75
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0xa9ad

No.	Time	Source	Destination	Protocol	Length	Info
2884	3.601975891	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2884: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92798600
xacc (float): 0.202331
yacc (float): 0.00520345
zacc (float): -9.79796
xgyro (float): -254616
ygyro (float): 0.000992352
zgyro (float): -55775.6
xmag (float): 0.243603
ymag (float): -0.00366062

zmag (float): 0.398933
abs_pressure (float): 101309
diff_pressure (float): 0.126999
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xe444

No.	Time	Source	Destination	Protocol	Length	Info
2890	3.612537985	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2890: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32361, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222007781
xacc (float): 0.202268
yacc (float): 0.00514752
zacc (float): -9.79798
xgyro (float): 3.1213e-05
ygyro (float): 1.98519e-05
zgyro (float): -5.28135e-05
xmag (float): 0.243303
ymag (float): -0.00389805
zmag (float): 0.399102
abs_pressure (float): 1013.09
diff_pressure (float): 222.008
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xb8b9

No.	Time	Source	Destination	Protocol	Length	Info
2892	3.612735066	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 2892: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.455352
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x4009

No.	Time	Source	Destination	Protocol	Length	Info
2894	3.612773641	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2894: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 92798600
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xbb3b

No.	Time	Source	Destination	Protocol	Length	Info
2898	3.623185632	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2898: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32435, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222018203
xacc (float): 0.202167
yacc (float): 0.0051437
zacc (float): -9.79802
xgyro (float): -3.42136e-06
ygyro (float): 2.08938e-05
zgyro (float): -6.91445e-05
xmag (float): 0.242796
ymag (float): -0.00319978
zmag (float): 0.398457
abs_pressure (float): 0
diff_pressure (float): 222.018
pressure_alt (float): 1.0842e-19
temperature (float): 1.48118e-05
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8705

No.	Time	Source	Destination	Protocol	Length	Info
2902	3.623370957	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2902: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 92829590000

Message CRC: 0x0a11

No.	Time	Source	Destination	Protocol	Length	Info
2904	3.623409028	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2904: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92829590
xacc (float): 0.202217
yacc (float): 0.00514578
zacc (float): -9.798
xgyro (float): 1.38958e-05
ygyro (float): 2.03729e-05
zgyro (float): -6.0979e-05
xmag (float): 0.242796
ymag (float): -0.00319979
zmag (float): 0.398457
abs_pressure (float): 101309
diff_pressure (float): -0.028436
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x403c

No.	Time	Source	Destination	Protocol	Length	Info
2906	3.623459649	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 2906: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 92829590
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x572d

No.	Time	Source	Destination	Protocol	Length	Info
2908	3.623481200	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 2908: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0xdf2c

No.	Time	Source	Destination	Protocol	Length	Info
2910	3.623500303	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 2910: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532669
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 2097181
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x76a6

No.	Time	Source	Destination	Protocol	Length	Info
2914	3.632801334	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2914: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32509, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222028366
xacc (float): 0.202108
yacc (float): 0.00514282
zacc (float): -9.79801
xgyro (float): 3.40652e-05
ygyro (float): 1.41901e-05
zgyro (float): -5.34981e-05
xmag (float): 0.244213
ymag (float): -0.00384513
zmag (float): 0.39895
abs_pressure (float): 1013.09
diff_pressure (float): 222.028
pressure_alt (float): 1019.53
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xb16f

No.	Time	Source	Destination	Protocol	Length	Info
2916	3.633008143	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2916: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92839753
xacc (float): 0.202138
yacc (float): 0.00514343
zacc (float): -9.79802
xgyro (float): 1.53219e-05
ygyro (float): 1.7542e-05
zgyro (float): -6.13213e-05
xmag (float): 0.244213
ymag (float): -0.00384514
zmag (float): 0.39895
abs_pressure (float): 101309
diff_pressure (float): -0.028436
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x437b

No.	Time	Source	Destination	Protocol	Length	Info
2920	3.643560604	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2920: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32583, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222038482
xacc (float): 0.202077
yacc (float): 0.00514073
zacc (float): -9.79801
xgyro (float): 2.90651e-05
ygyro (float): 1.3041e-05
zgyro (float): -5.98003e-05
xmag (float): 0.24431
ymag (float): -0.00450533
zmag (float): 0.398672
abs_pressure (float): 0
diff_pressure (float): 222.038
pressure_alt (float): 2
temperature (float): -1.84748e-16
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xfeed

No.	Time	Source	Destination	Protocol	Length	Info
2924	3.653122988	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2924: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32657, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222048782
xacc (float): 0.202068
yacc (float): 0.00513934
zacc (float): -9.79803
xgyro (float): 3.37935e-05
ygyro (float): 1.07341e-05
zgyro (float): -6.97546e-05
xmag (float): 0.243849
ymag (float): -0.00444041
zmag (float): 0.398576
abs_pressure (float): 1013.09
diff_pressure (float): 222.049

pressure_alt (float): 1019.53
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xff7d

No.	Time	Source	Destination	Protocol	Length	Info
2926	3.653360414	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2926: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92849869
xacc (float): 0.202093
yacc (float): 0.00514195
zacc (float): -9.79801
xgyro (float): 3.15651e-05
ygyro (float): 1.36156e-05
zgyro (float): -5.66492e-05
xmag (float): 0.24431
ymag (float): -0.00450533
zmag (float): 0.398672
abs_pressure (float): 101309
diff_pressure (float): -0.028436
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x37b4

No.	Time	Source	Destination	Protocol	Length	Info
2930	3.663777248	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2930: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32731, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222059020
xacc (float): 0.202072
yacc (float): 0.00513819
zacc (float): -9.79803
xgyro (float): 6.46234e-06
ygyro (float): 9.77192e-06
zgyro (float): -4.34791e-05
xmag (float): 0.243001
ymag (float): -0.00400524
zmag (float): 0.398525
abs_pressure (float): 0
diff_pressure (float): 222.059
pressure_alt (float): -0
temperature (float): 2.6263e-23
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe987

No.	Time	Source	Destination	Protocol	Length	Info
2932	3.663918671	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 2932: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.455352
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0

throttle (uint16): 0

Message CRC: 0x2a09

No. Time Source Destination Protocol Length Info
2947 3.674508798 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2947: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32805, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222069366
xacc (float): 0.201992
yacc (float): 0.00511094
zacc (float): -9.79804
xgyro (float): 3.47434e-05
ygyro (float): 8.42001e-06
zgyro (float): -3.71909e-05
xmag (float): 0.243764
ymag (float): -0.0038429
zmag (float): 0.398604
abs_pressure (float): 1013.09
diff_pressure (float): 222.069
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x1c60

No. Time Source Destination Protocol Length Info
2950 3.674709664 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 2950: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92870407
xacc (float): 0.20207
yacc (float): 0.00513893
zacc (float): -9.79803
xgyro (float): 2.01279e-05
ygyro (float): 1.0253e-05
zgyro (float): -5.66169e-05
xmag (float): 0.243001
ymag (float): -0.00400524
zmag (float): 0.398525
abs_pressure (float): 101309
diff_pressure (float): -0.028436
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x2928

No. Time Source Destination Protocol Length Info
2955 3.685143539 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 2955: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32879, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222079833
xacc (float): 0.201894
yacc (float): 0.00506739
zacc (float): -9.79809
xgyro (float): 1.53334e-05
ygyro (float): 1.2962e-05
zgyro (float): -5.04831e-05
xmag (float): 0.243491

ymag (float): -0.00340278
zmag (float): 0.398585
abs_pressure (float): 0
diff_pressure (float): 222.08
pressure_alt (float): 0
temperature (float): -1.15484e-07
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8468

No.	Time	Source	Destination	Protocol	Length	Info
2961	3.694796047	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2961: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 32953, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222090240
xacc (float): 0.20184
yacc (float): 0.00502721
zacc (float): -9.7981
xgyro (float): 1.4471e-05
ygyro (float): 1.25481e-05
zgyro (float): -6.013e-05
xmag (float): 0.243684
ymag (float): -0.00441356
zmag (float): 0.39823
abs_pressure (float): 1013.09
diff_pressure (float): 222.09
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x28fc

No.	Time	Source	Destination	Protocol	Length	Info
2964	3.694986218	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2964: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92891220
xacc (float): 0.201943
yacc (float): 0.00508934
zacc (float): -9.79806
xgyro (float): 2.50384e-05
ygyro (float): 1.0691e-05
zgyro (float): -4.3837e-05
xmag (float): 0.243491
ymag (float): -0.00340279
zmag (float): 0.398585
abs_pressure (float): 101309
diff_pressure (float): -0.028436
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x9f28

No.	Time	Source	Destination	Protocol	Length	Info
2969	3.705486058	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2969: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33027, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222100555

xacc (float): 0.201806
yacc (float): 0.0049901
zacc (float): -9.79816
xgyro (float): 5.86946e-06
ygyro (float): 2.22335e-05
zgyro (float): -5.31367e-05
xmag (float): 0.243903
ymag (float): -0.00394348
zmag (float): 0.398882
abs_pressure (float): 0
diff_pressure (float): -0.000379143
pressure_alt (float): -2
temperature (float): -3.47351e-25
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x5378

No.	Time	Source	Destination	Protocol	Length	Info
2977	3.716145007	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2977: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33101, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222110870
xacc (float): 0.201766
yacc (float): 0.00495685
zacc (float): -9.7983
xgyro (float): 5.27735e-06
ygyro (float): -1.95926e-06
zgyro (float): -5.08951e-05
xmag (float): 0.24352
ymag (float): -0.0043993
zmag (float): 0.399212
abs_pressure (float): 1013.09
diff_pressure (float): 222.111
pressure_alt (float): 1019.53
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xdb01

No.	Time	Source	Destination	Protocol	Length	Info
2979	3.716286063	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 2979: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 92922257000

Message CRC: 0x03ac

No.	Time	Source	Destination	Protocol	Length	Info
2981	3.716324964	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 2981: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92911942
xacc (float): 0.201823
yacc (float): 0.00500883
zacc (float): -9.79813
xgyro (float): 1.01702e-05
ygyro (float): 1.73908e-05
zgyro (float): -5.66334e-05
xmag (float): 0.243684

ymag (float): -0.00441357
zmag (float): 0.39823
abs_pressure (float): 101309
diff_pressure (float): -0.0379143
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0xa597

No.	Time	Source	Destination	Protocol	Length	Info
2983	3.716345432	127.0.0.1	127.0.0.1	MAVLink 1.0	83	COMMAND_LONG

Frame 2983: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (41)

Header

Payload: COMMAND_LONG (76)

param1 (float): 0
param2 (float): 0
param3 (float): 0
param4 (float): 0
param5 (float): 0
param6 (float): 0
param7 (float): 0
command (uint16): 200
target_system (uint8): 0
target_component (uint8): 0
confirmation (uint8): 0

Message CRC: 0xf6b8

No.	Time	Source	Destination	Protocol	Length	Info
2985	3.716366423	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 2985: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.215467
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xcab8

No.	Time	Source	Destination	Protocol	Length	Info
2987	3.716383160	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 2987: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 92901627
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x9b83

No.	Time	Source	Destination	Protocol	Length	Info
2991	3.725779705	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2991: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33175, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222120941
xacc (float): 0.201301
yacc (float): 0.00489732
zacc (float): -9.79977
xgyro (float): -2.48456e-05
ygyro (float): 3.01236e-05
zgyro (float): -6.17173e-05
xmag (float): 0.244209
ymag (float): -0.00349163
zmag (float): 0.39763
abs_pressure (float): 0
diff_pressure (float): 222.121
pressure_alt (float): -2
temperature (float): -1.48478e+16
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x054b

No.	Time	Source	Destination	Protocol	Length	Info
2993	3.725950929	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 2993: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 92932328
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xb4c4

No.	Time	Source	Destination	Protocol	Length	Info
2996	3.731132185	127.0.0.1	127.0.0.1	MAVLink 2.0	115	HIL_GPS

Frame 2996: 115 bytes on wire (920 bits), 115 bytes captured (920 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33249, Ack: 1, Len: 49

MAVLink Protocol (49)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 222126159
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 0

Message CRC: 0xed3a

No.	Time	Source	Destination	Protocol	Length	Info
2999	3.735416063	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 2999: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33298, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222131088
xacc (float): 0.201692
yacc (float): 0.00483504
zacc (float): -9.79886
xgyro (float): -3.87593e-06
ygyro (float): 7.65587e-06
zgyro (float): -4.42601e-05
xmag (float): 0.243739
ymag (float): -0.00351794
zmag (float): 0.398412
abs_pressure (float): 1013.09
diff_pressure (float): 222.131
pressure_alt (float): 1019.53
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x89cc

No.	Time	Source	Destination	Protocol	Length	Info
3002	3.735567608	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3002: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92932328
xacc (float): 0.201534
yacc (float): 0.00492726
zacc (float): -9.79904
xgyro (float): -9.78411e-06
ygyro (float): 1.40822e-05
zgyro (float): -5.63062e-05
xmag (float): 0.244209
ymag (float): -0.00349164
zmag (float): 0.39763
abs_pressure (float): 101309
diff_pressure (float): -0.0379143
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x68c2

No.	Time	Source	Destination	Protocol	Length	Info
3007	3.735611066	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 3007: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 92932328
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x71a1

No.	Time	Source	Destination	Protocol	Length	Info
3011	3.746119620	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3011: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33372, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222141403
xacc (float): 0.202
yacc (float): 0.00460914
zacc (float): -9.79987
xgyro (float): -3.01169e-05
ygyro (float): 1.33062e-05
zgyro (float): -2.73463e-05
xmag (float): 0.24363
ymag (float): -0.00336747
zmag (float): 0.398101
abs_pressure (float): 0
diff_pressure (float): 222.141
pressure_alt (float): 3.68935e+19
temperature (float): -3.41982e-06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7d7a

No.	Time	Source	Destination	Protocol	Length	Info
3015	3.755724553	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3015: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33446, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222151489
xacc (float): 0.202575
yacc (float): 0.00445441
zacc (float): -9.79939
xgyro (float): -7.19156e-05
ygyro (float): -1.71402e-05
zgyro (float): -2.87591e-05
xmag (float): 0.244267
ymag (float): -0.00379632
zmag (float): 0.398573
abs_pressure (float): 1013.09
diff_pressure (float): 222.151
pressure_alt (float): 1019.53
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xad99

No.	Time	Source	Destination	Protocol	Length	Info
3017	3.755850731	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3017: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 92952790
xacc (float): 0.201846
yacc (float): 0.00472227
zacc (float): -9.79937
xgyro (float): -1.69964e-05
ygyro (float): 1.0481e-05
zgyro (float): -3.58032e-05
xmag (float): 0.24363
ymag (float): -0.00336748
zmag (float): 0.398101
abs_pressure (float): 101309
diff_pressure (float): -0.0379143

pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x4ee5

No.	Time	Source	Destination	Protocol	Length	Info
3021	3.766377946	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3021: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33520, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222161636
xacc (float): 0.202998
yacc (float): 0.004386
zacc (float): -9.79904
xgyro (float): -8.43008e-05
ygyro (float): 2.83731e-06
zgyro (float): -4.05213e-05
xmag (float): 0.243198
ymag (float): -0.00478058
zmag (float): 0.398831
abs_pressure (float): 0
diff_pressure (float): 222.162
pressure_alt (float): 1.0842e-19
temperature (float): -369664
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xfa6d

No.	Time	Source	Destination	Protocol	Length	Info
3027	3.775969813	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3027: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33594, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222171691
xacc (float): 0.20329
yacc (float): 0.00438118
zacc (float): -9.79873
xgyro (float): -9.78311e-05
ygyro (float): -1.22464e-05
zgyro (float): -4.04512e-05
xmag (float): 0.244168
ymag (float): -0.00412741
zmag (float): 0.398904
abs_pressure (float): 1013.09
diff_pressure (float): 222.172
pressure_alt (float): 1019.53
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xb2e6

No.	Time	Source	Destination	Protocol	Length	Info
3029	3.776088275	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3029: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92973023
xacc (float): 0.202786
yacc (float): 0.00442038
zacc (float): -9.79922
xgyro (float): -7.81081e-05

ygyro (float): -7.15145e-06
zgyro (float): -3.46402e-05
xmag (float): 0.243198
ymag (float): -0.00478059
zmag (float): 0.398831
abs_pressure (float): 101309
diff_pressure (float): -0.0379143
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xbf65

No.	Time	Source	Destination	Protocol	Length	Info
3034	3.790929805	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3034: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33668, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222186737
xacc (float): 0.203533
yacc (float): 0.00445228
zacc (float): -9.7983
xgyro (float): -0.000108324
ygyro (float): -4.01458e-05
zgyro (float): -3.02041e-05
xmag (float): 0.243499
ymag (float): -0.00444095
zmag (float): 0.398445
abs_pressure (float): 0
diff_pressure (float): 222.187
pressure_alt (float): -2
temperature (float): -7.33258e+20
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8353

No.	Time	Source	Destination	Protocol	Length	Info
3037	3.796271695	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3037: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33742, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222191848
xacc (float): 2.47604e+27
yacc (float): 3.78381e-34
zacc (float): 0
xgyro (float): 3.82595e+17
ygyro (float): -1.31041e+16
zgyro (float): 54670.8
xmag (float): 4.24688e+13
ymag (float): 0
zmag (float): -2.92825e-27
abs_pressure (float): 1013.09
diff_pressure (float): 222.192
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x5785

No.	Time	Source	Destination	Protocol	Length	Info
3039	3.796400160	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3039: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 92998124
xacc (float): 0.203411
yacc (float): 0.0044169
zacc (float): -9.79851
xgyro (float): -0.000103077
ygyro (float): -2.61961e-05
zgyro (float): -3.53276e-05
xmag (float): 0.243499
ymag (float): -0.00444096
zmag (float): 0.398445
abs_pressure (float): 101309
diff_pressure (float): -0.0379143
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x6626

No.	Time	Source	Destination	Protocol	Length	Info
3042	3.801667791	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3042: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33816, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222197128
xacc (float): 0.20372
yacc (float): 0.0045255
zacc (float): -9.79798
xgyro (float): -0.000137731
ygyro (float): -1.84378e-05
zgyro (float): -1.65827e-05
xmag (float): 0.243217
ymag (float): -0.00356167
zmag (float): 0.398285
abs_pressure (float): 0
diff_pressure (float): 222.197
pressure_alt (float): -3.68935e+19
temperature (float): 5.97562e-29
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7c0f

No.	Time	Source	Destination	Protocol	Length	Info
3045	3.806968423	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3045: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33890, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222202178
xacc (float): 0.20372
yacc (float): 0.0045255
zacc (float): -9.79798
xgyro (float): -0.000137731
ygyro (float): -1.84378e-05
zgyro (float): -1.65827e-05
xmag (float): 0
ymag (float): -2.96239e+22
zmag (float): 5.61196e+27
abs_pressure (float): 0
diff_pressure (float): 0.000682693
pressure_alt (float): 2
temperature (float): -2.19112e-35
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0x0a4c

No. Time Source Destination Protocol Length Info
3052 3.812315121 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 3052: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 33964, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222207321
xacc (float): 0.203833
yacc (float): 0.00462959
zacc (float): -9.79763
xgyro (float): -0.000110596
ygyro (float): -1.6679e-05
zgyro (float): -3.61716e-06
xmag (float): 0.244694
ymag (float): -0.00385255
zmag (float): 0.398635
abs_pressure (float): 0
diff_pressure (float): 222.207
pressure_alt (float): 3.68935e+19
temperature (float): -1.24273e-08
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x37db

No. Time Source Destination Protocol Length Info
3054 3.812447159 127.0.0.1 127.0.0.1 MAVLink 1.0 70 VFR_HUD
Frame 3054: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.248799
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xe09b

No. Time Source Destination Protocol Length Info
3056 3.812481139 127.0.0.1 127.0.0.1 MAVLink 1.0 90 WIND_COV
Frame 3056: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 92998124
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x6b54

No. Time Source Destination Protocol Length Info
3059 3.817663644 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 3059: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34038, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222212402

xacc (float): 0
yacc (float): -1.95678e-28
zacc (float): 0
xgyro (float): -476080
ygyro (float): -4.62107e-18
zgyro (float): -1.3052e+20
xmag (float): -7.5358e-23
ymag (float): 0
zmag (float): 1.66153e+36
abs_pressure (float): 1013.09
diff_pressure (float): 222.212
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xf927

No.	Time	Source	Destination	Protocol	Length	Info
3061	3.817784736	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3061: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 93023789000

Message CRC: 0xd84b

No.	Time	Source	Destination	Protocol	Length	Info
3063	3.817822840	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3063: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93018708
xacc (float): 0.203776
yacc (float): 0.00457771
zacc (float): -9.7978
xgyro (float): -0.000124163
ygyro (float): -1.75584e-05
zgyro (float): -1.00999e-05
xmag (float): 0.244694
ymag (float): -0.00385255
zmag (float): 0.398635
abs_pressure (float): 101309
diff_pressure (float): 0.0682693
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x7bab

No.	Time	Source	Destination	Protocol	Length	Info
3065	3.817844560	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 3065: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x1c67

No.	Time	Source	Destination	Protocol	Length	Info
3067	3.817863919	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 3067: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532669

onboard_control_sensors_enabled (uint32): 270598207

onboard_control_sensors_health (uint32): 2097181

load (uint16): 0

voltage_battery (uint16): 16200

current_battery (int16): -100

drop_rate_comm (uint16): 0

errors_comm (uint16): 0

errors_count1 (uint16): 0

errors_count2 (uint16): 0

errors_count3 (uint16): 0

errors_count4 (uint16): 0

battery_remaining (int8): 100

Message CRC: 0xefad

No.	Time	Source	Destination	Protocol	Length	Info
3070	3.821961464	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3070: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34112, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222217681

xacc (float): 0.203915

yacc (float): 0.00478398

zacc (float): -9.79696

xgyro (float): -0.000113532

ygyro (float): -1.06441e-05

zgyro (float): -1.12229e-05

xmag (float): 0.244109

ymag (float): -0.00433413

zmag (float): 0.39862

abs_pressure (float): 0

diff_pressure (float): 222.218

pressure_alt (float): 2

temperature (float): -2.13588e-17

fields_updated (uint32): 511

id (uint8): 0

Message CRC: 0x5072

No.	Time	Source	Destination	Protocol	Length	Info
3072	3.822117736	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3072: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 93029068

altitude_monotonic (float): 1.32399

altitude_amsl (float): nan

altitude_local (float): nan

altitude_relative (float): nan

altitude_terrain (float): nan

bottom_clearance (float): nan

Message CRC: 0x180b

No.	Time	Source	Destination	Protocol	Length	Info
3076	3.832641245	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3076: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34186, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222227859

xacc (float): 0.203843
yacc (float): 0.00506091
zacc (float): -9.79602
xgyro (float): -9.05335e-05
ygyro (float): 2.40507e-05
zgyro (float): 1.55399e-05
xmag (float): 0.244514
ymag (float): -0.00353622
zmag (float): 0.398174
abs_pressure (float): 0
diff_pressure (float): 222.228
pressure_alt (float): -1.0842e-19
temperature (float): 1.76595e-15
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8cbf

No.	Time	Source	Destination	Protocol	Length	Info
3079	3.836983487	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3079: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34260, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222232727
xacc (float): 8.17494e+24
yacc (float): -2.86278e-26
zacc (float): 0
xgyro (float): -7.45849e-17
ygyro (float): 5.91308e+10
zgyro (float): 122.628
xmag (float): -3.81801e+20
ymag (float): 0
zmag (float): 1.69482e-31
abs_pressure (float): 1013.09
diff_pressure (float): 222.233
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x88cc

No.	Time	Source	Destination	Protocol	Length	Info
3081	3.837125232	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3081: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93039246
xacc (float): 0.203879
yacc (float): 0.00492262
zacc (float): -9.79649
xgyro (float): 1.92443e+11
ygyro (float): 2.92924e+12
zgyro (float): 51124.9
xmag (float): 0.244514
ymag (float): -0.00353622
zmag (float): 0.398174
abs_pressure (float): 101309
diff_pressure (float): 0.0682693
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x9290

No.	Time	Source	Destination	Protocol	Length	Info
3085	3.847713896	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3085: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34334, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222243164
xacc (float): 0.202937
yacc (float): 0.0053995
zacc (float): -9.79636
xgyro (float): -7.9838e-05
ygyro (float): 1.77864e-05
zgyro (float): -2.52287e-05
xmag (float): 0.244296
ymag (float): -0.00482375
zmag (float): 0.397894
abs_pressure (float): 0
diff_pressure (float): 222.243
pressure_alt (float): 0
temperature (float): -3.8147e-05
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7fff

No.	Time	Source	Destination	Protocol	Length	Info
3093	3.858470184	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3093: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34408, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222253524
xacc (float): 0.202459
yacc (float): 0.00550624
zacc (float): -9.79704
xgyro (float): -5.3585e-05
ygyro (float): 3.07366e-05
zgyro (float): 8.33106e-06
xmag (float): 0.244038
ymag (float): -0.00330192
zmag (float): 0.398804
abs_pressure (float): 1013.09
diff_pressure (float): 222.254
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x4b2e

No.	Time	Source	Destination	Protocol	Length	Info
3095	3.858609996	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3095: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93054551
xacc (float): 4.08747e+24
yacc (float): 0.00269983
zacc (float): -4.89818
xgyro (float): -239.532
ygyro (float): 2.95654e+10
zgyro (float): 513.188
xmag (float): 0.244296
ymag (float): -0.00482375
zmag (float): 0.397894
abs_pressure (float): 101309
diff_pressure (float): 0.0682693
pressure_alt (float): 1.32399

temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x710c

No.	Time	Source	Destination	Protocol	Length	Info
3101	3.874439322	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3101: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34482, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222263931
xacc (float): 0.202025
yacc (float): 0.00553178
zacc (float): -9.79749
xgyro (float): -1.96206e-05
ygyro (float): 2.8952e-05
zgyro (float): 1.60418e-05
xmag (float): 0.24332
ymag (float): -0.00404119
zmag (float): 0.398174
abs_pressure (float): 0
diff_pressure (float): 222.264
pressure_alt (float): 1.0842e-19
temperature (float): -1.42484e+33
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7974

No.	Time	Source	Destination	Protocol	Length	Info
3106	3.887228675	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3106: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34556, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222274978
xacc (float): 0.201764
yacc (float): 0.0055154
zacc (float): -9.79768
xgyro (float): -3.59173e-05
ygyro (float): 2.09906e-05
zgyro (float): 1.73736e-05
xmag (float): 0.244377
ymag (float): -0.00371273
zmag (float): 0.398763
abs_pressure (float): 1013.09
diff_pressure (float): 222.275
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x1053

No.	Time	Source	Destination	Protocol	Length	Info
3108	3.887366985	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3108: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93075318
xacc (float): 0.202242
yacc (float): 0.00551918
zacc (float): -9.79727
xgyro (float): -3.66028e-05
ygyro (float): 2.98443e-05

zgyro (float): 1.21864e-05
xmag (float): 0.24332
ymag (float): -0.00404119
zmag (float): 0.398174
abs_pressure (float): 101309
diff_pressure (float): 0.0682693
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x2503

No.	Time	Source	Destination	Protocol	Length	Info
3113	3.896864122	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3113: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34630, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222288055
xacc (float): 0.201586
yacc (float): 0.0054644
zacc (float): -9.79768
xgyro (float): -3.19692e-05
ygyro (float): 3.91062e-05
zgyro (float): 4.10551e-05
xmag (float): 0.243506
ymag (float): -0.00381242
zmag (float): 0.39886
abs_pressure (float): 0
diff_pressure (float): 222.288
pressure_alt (float): -2
temperature (float): 3.32696e+28
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x36ab

No.	Time	Source	Destination	Protocol	Length	Info
3126	3.903255320	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3126: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34704, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222297073
xacc (float): 0
yacc (float): -4.57399e-06
zacc (float): 0
xgyro (float): 3.25182e+30
ygyro (float): -1.97362e-34
zgyro (float): -4.66269e-17
xmag (float): -1.0796e-11
ymag (float): 0
zmag (float): -5.77316e-15
abs_pressure (float): 1013.09
diff_pressure (float): 222.297
pressure_alt (float): 1019.54
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x74a4

No.	Time	Source	Destination	Protocol	Length	Info
3128	3.903452988	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3128: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93099442
xacc (float): 0.201675
yacc (float): 0.00549007
zacc (float): -9.79768
xgyro (float): -3.39432e-05
ygyro (float): 3.00484e-05
zgyro (float): 2.92144e-05
xmag (float): 0.243506
ymag (float): -0.00381243
zmag (float): 0.39886
abs_pressure (float): 101309
diff_pressure (float): 0.0682693
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x6eab

No.	Time	Source	Destination	Protocol	Length	Info
3131	3.911771948	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3131: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34778, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222303527
xacc (float): 0.201314
yacc (float): 0.00536078
zacc (float): -9.79814
xgyro (float): -4.75242e-05
ygyro (float): 2.09498e-05
zgyro (float): 3.099e-05
xmag (float): 0.244056
ymag (float): -0.0045824
zmag (float): 0.398437
abs_pressure (float): 0
diff_pressure (float): -0.000291055
pressure_alt (float): -0
temperature (float): 5.70425e+09
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x016e

No.	Time	Source	Destination	Protocol	Length	Info
3133	3.911922052	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 3133: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.333856
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x6932

No.	Time	Source	Destination	Protocol	Length	Info
3134	3.911931292	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 3134: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.333856
groundspeed (float): 0

alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xbcd6

No.	Time	Source	Destination	Protocol	Length	Info
3136	3.911974251	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3136: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 93099442
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x69e9

No.	Time	Source	Destination	Protocol	Length	Info
3140	3.938977004	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3140: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34852, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222325500
xacc (float): 0.201434
yacc (float): 0.00526027
zacc (float): -9.79814
xgyro (float): -5.50437e-05
ygyro (float): 2.35777e-05
zgyro (float): 3.16508e-05
xmag (float): 0.24398
ymag (float): -0.00398055
zmag (float): 0.398501
abs_pressure (float): 1013.09
diff_pressure (float): 222.326
pressure_alt (float): 1019.54
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x96fd

No.	Time	Source	Destination	Protocol	Length	Info
3143	3.939167253	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3143: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)
tc1 (int64): 0
ts1 (int64): 93136887000

Message CRC: 0x26ef

No.	Time	Source	Destination	Protocol	Length	Info
3146	3.939201432	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3146: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93136887
xacc (float): 0.201374
yacc (float): 0.0053107
zacc (float): -9.79814
xgyro (float): -5.1284e-05
ygyro (float): -2.73887e+22
zgyro (float): 1.94689e+22
xmag (float): 0.24398
ymag (float): -0.00398055
zmag (float): 0.398501
abs_pressure (float): 101309
diff_pressure (float): -0.0291055
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x3338

No.	Time	Source	Destination	Protocol	Length	Info
3149	3.954550020	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3149: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 34926, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222339416
xacc (float): 0.200905
yacc (float): 0.00518107
zacc (float): -9.80026
xgyro (float): -6.2661e-05
ygyro (float): 2.69172e-05
zgyro (float): 1.38438e-05
xmag (float): 0.243774
ymag (float): -0.0039967
zmag (float): 0.39843
abs_pressure (float): 0
diff_pressure (float): 222.339
pressure_alt (float): -0
temperature (float): -1.89175e-09
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf664

No.	Time	Source	Destination	Protocol	Length	Info
3150	3.954587816	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 3150: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35000, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 222339416
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 33640

Message CRC: 0xc0fb

No.	Time	Source	Destination	Protocol	Length	Info
3153	3.954714447	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3153: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 93150803
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x7552

No.	Time	Source	Destination	Protocol	Length	Info
3155	3.954749045	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 3155: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 93150803
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x9087

No.	Time	Source	Destination	Protocol	Length	Info
3160	3.969023873	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3160: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35051, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222354568
xacc (float): 0.202175
yacc (float): 0.00480962
zacc (float): -9.79936
xgyro (float): -9.89534e-05
ygyro (float): -1.3427e-05
zgyro (float): 4.30159e-05
xmag (float): 0.243803
ymag (float): -0.00407106
zmag (float): 0.398859
abs_pressure (float): 1013.09
diff_pressure (float): 222.355
pressure_alt (float): 1019.54
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xfef9

No.	Time	Source	Destination	Protocol	Length	Info
3162	3.969189636	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3162: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93150803
xacc (float): 0.201169
yacc (float): 0.00522084
zacc (float): -9.7992
xgyro (float): -5.88524e-05
ygyro (float): 2.52474e-05
zgyro (float): 2.27473e-05
xmag (float): 0.243774
ymag (float): -0.00399671
zmag (float): 0.39843
abs_pressure (float): 101309
diff_pressure (float): -0.0291055
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x3425

No.	Time	Source	Destination	Protocol	Length	Info
3164	3.969229778	127.0.0.1	127.0.0.1	MAVLink 1.0	92	ESTIMATOR_STATUS

Frame 3164: 92 bytes on wire (736 bits), 92 bytes captured (736 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (50)

Header

Payload: ESTIMATOR_STATUS (230)

time_usec (uint64): 93150803
vel_ratio (float): 0
pos_horiz_ratio (float): 0
pos_vert_ratio (float): nan
mag_ratio (float): 0
hagl_ratio (float): 0
tas_ratio (float): 0
pos_horiz_accuracy (float): 0
pos_vert_accuracy (float): 0
flags (uint16): 228

Message CRC: 0x8d5f

No.	Time	Source	Destination	Protocol	Length	Info
3169	3.982332806	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3169: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35125, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222369400
xacc (float): 0.20297
yacc (float): 0.00472693
zacc (float): -9.79861
xgyro (float): -0.000129874
ygyro (float): 3.82174e-06
zgyro (float): 3.34207e-05
xmag (float): 0.244459
ymag (float): -0.00430337
zmag (float): 0.398109
abs_pressure (float): 0
diff_pressure (float): 222.369
pressure_alt (float): 1.0842e-19
temperature (float): -1.73931e+29
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6f4f

No.	Time	Source	Destination	Protocol	Length	Info
3171	3.982489547	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3171: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93165955
xacc (float): 0.20154
yacc (float): 0.00499552
zacc (float): -9.79981
xgyro (float): -8.08072e-05
ygyro (float): 6.7451e-06
zgyro (float): 2.84299e-05
xmag (float): 0.243803
ymag (float): -0.00407107
zmag (float): 0.398859
abs_pressure (float): 101309
diff_pressure (float): -0.0291055
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x7bb5

No.	Time	Source	Destination	Protocol	Length	Info
3174	3.994067626	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3174: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35199, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222382873
xacc (float): 0.203496
yacc (float): 0.0047661
zacc (float): -9.79796
xgyro (float): -0.00014876
ygyro (float): 6.00785e-06
zgyro (float): 5.54245e-05
xmag (float): 0.244097
ymag (float): -0.0043769
zmag (float): 0.398762
abs_pressure (float): 1013.09
diff_pressure (float): 222.383
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xd9f0

No.	Time	Source	Destination	Protocol	Length	Info
3177	4.001504817	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3177: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35273, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222394088
xacc (float): 0.203819
yacc (float): 0.00489951
zacc (float): -9.79682
xgyro (float): -0.000155319
ygyro (float): -2.11043e-06
zgyro (float): 3.97877e-05
xmag (float): 0.24415
ymag (float): -0.00453955
zmag (float): 0.397992
abs_pressure (float): 0
diff_pressure (float): 222.394
pressure_alt (float): 3.68935e+19
temperature (float): -6.80484e+10

fields_updated (uint32): 511
id (uint8): 0
Message CRC: 0xc3f1

No.	Time	Source	Destination	Protocol	Length	Info
3179	4.001630413	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3179: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 93194260
xacc (float): 0.203233
yacc (float): 0.00474669
zacc (float): -9.79829
xgyro (float): -0.000139317
ygyro (float): 4.9148e-06
zgyro (float): 4.44226e-05
xmag (float): 0.244097
ymag (float): -0.00437691
zmag (float): 0.398762
abs_pressure (float): 101309
diff_pressure (float): -0.0291055
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0
Message CRC: 0x293b

No.	Time	Source	Destination	Protocol	Length	Info
3181	4.001637326	127.0.0.1	127.0.0.1	MAVLink 2.0	63	HEARTBEAT

Frame 3181: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (21)

Header
Payload: HEARTBEAT (0)
custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3
Message CRC: 0x99b1

No.	Time	Source	Destination	Protocol	Length	Info
3184	4.001675693	127.0.0.1	127.0.0.1	MAVLink 2.0	86	ALTITUDE

Frame 3184: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (44)

Header
Payload: ALTITUDE (141)
time_usec (uint64): 93205475
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan
Message CRC: 0xd00a

No.	Time	Source	Destination	Protocol	Length	Info
3185	4.001688862	127.0.0.1	127.0.0.1	MAVLink 2.0	56	EXTENDED_SYS_STATE

Frame 3185: 56 bytes on wire (448 bits), 56 bytes captured (448 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (14)

Header
Payload: EXTENDED_SYS_STATE (245)

```
vtol_state (uint8): 0
landed_state (uint8): 1
Message CRC: 0x4bfc
No.      Time          Source          Destination      Protocol Length Info
 3186 4.001700719    127.0.0.1      127.0.0.1       MAVLink 2.0 97    GPS_RAW_INT
Frame 3186: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (55)
Header
Payload: GPS_RAW_INT (24)
  time_usec (uint64): 93150803
  lat (int32): 295401477
  lon (int32): -984775390
  alt (int32): 1019
  eph (uint16): 0
  epv (uint16): 0
  vel (uint16): 0
  cog (uint16): 29534
  fix_type (uint8): 3
  satellites_visible (uint8): 8
  alt_ellipsoid (int32): 0
  h_acc (uint32): 10
  v_acc (uint32): 10
  vel_acc (uint32): 250
  hdg_acc (uint32): 0
  yaw (uint16): 0
Message CRC: 0x796b
No.      Time          Source          Destination      Protocol Length Info
 3187 4.001713148    127.0.0.1      127.0.0.1       MAVLink 2.0 85    SYS_STATUS
Frame 3187: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (43)
Header
Payload: SYS_STATUS (1)
  onboard_control_sensors_present (uint32): 270532669
  onboard_control_sensors_enabled (uint32): 270598207
  onboard_control_sensors_health (uint32): 2097181
  load (uint16): 0
  voltage_battery (uint16): 16200
  current_battery (int16): -100
  drop_rate_comm (uint16): 0
  errors_comm (uint16): 0
  errors_count1 (uint16): 0
  errors_count2 (uint16): 0
  errors_count3 (uint16): 0
  errors_count4 (uint16): 0
  battery_remaining (int8): 100
Message CRC: 0x3e13
No.      Time          Source          Destination      Protocol Length Info
 3192 4.013339983    127.0.0.1      127.0.0.1       MAVLink 2.0 140   HIL_SENSOR
Frame 3192: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35347, Ack: 1, Len: 74
MAVLink Protocol (74)
Header
Payload: HIL_SENSOR (107)
  time_usec (uint64): 222408416
  xacc (float): 0.203258
  yacc (float): 0.00521112
  zacc (float): -9.79671
  xgyro (float): -0.000114296
  ygyro (float): 2.1895e-05
  zgyro (float): 2.80456e-05
  xmag (float): 0.243386
  ymag (float): -0.00440719
  zmag (float): 0.398432
```

abs_pressure (float): 1013.09
diff_pressure (float): 0.00122795
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 8191
id (uint8): 0

Message CRC: 0xce43

No.	Time	Source	Destination	Protocol	Length	Info
3194	4.013504391	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3194: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93205475
xacc (float): 0.203658
yacc (float): 0.00483298
zacc (float): -9.79739
xgyro (float): -0.00015204
ygyro (float): 1.94871e-06
zgyro (float): 4.76061e-05
xmag (float): 0.244097
ymag (float): -0.00437691
zmag (float): 0.398762
abs_pressure (float): 101309
diff_pressure (float): -0.0291055
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 63
id (uint8): 0

Message CRC: 0x707b

No.	Time	Source	Destination	Protocol	Length	Info
3196	4.013548768	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 3196: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): -0.217989
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x9d00

No.	Time	Source	Destination	Protocol	Length	Info
3198	4.013566537	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3198: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 93194260
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x847b

No.	Time	Source	Destination	Protocol	Length	Info
3202	4.027214278	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3202: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35421, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222419754
xacc (float): 0.202708
yacc (float): 0.00530211
zacc (float): -9.79706
xgyro (float): -0.000105084
ygyro (float): 3.94814e-05
zgyro (float): 3.66411e-05
xmag (float): 0.243672
ymag (float): -0.00386907
zmag (float): 0.398579
abs_pressure (float): 0
diff_pressure (float): 222.42
pressure_alt (float): -1.0842e-19
temperature (float): 2.44813e+12
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1262

No.	Time	Source	Destination	Protocol	Length	Info
3204	4.027363268	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3204: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 93231141000

Message CRC: 0x7252

No.	Time	Source	Destination	Protocol	Length	Info
3206	4.027397000	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3206: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 93231141
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x5838

No.	Time	Source	Destination	Protocol	Length	Info
3208	4.027417900	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 3208: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0xf9c5

No.	Time	Source	Destination	Protocol	Length	Info
3210	4.027471653	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 3210: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532669
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 2097181
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x74b4

No.	Time	Source	Destination	Protocol	Length	Info
3214	4.038041779	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3214: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35495, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222432830
xacc (float): 0.202345
yacc (float): 0.00532518
zacc (float): -9.79751
xgyro (float): -7.95179e-05
ygyro (float): 2.23488e-05
zgyro (float): 2.01602e-05
xmag (float): 0.243932
ymag (float): -0.00427948
zmag (float): 0.398648
abs_pressure (float): 1013.09
diff_pressure (float): 222.433
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x0c00

No.	Time	Source	Destination	Protocol	Length	Info
3217	4.038202965	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3217: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93231141
xacc (float): 0.202983
yacc (float): 0.00525678
zacc (float): -9.79689
xgyro (float): -0.00010969
ygyro (float): 3.06882e-05
zgyro (float): 3.23434e-05
xmag (float): 0.243672
ymag (float): -0.00386908
zmag (float): 0.398579
abs_pressure (float): 101309
diff_pressure (float): 0.122795
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0xffad

No.	Time	Source	Destination	Protocol	Length	Info
3228	4.048756125	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3228: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35569, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222443923
xacc (float): 0.20208
yacc (float): 0.00530723
zacc (float): -9.79768
xgyro (float): -8.25726e-05
ygyro (float): 2.36087e-05
zgyro (float): 3.51014e-05
xmag (float): 0.243581
ymag (float): -0.00458997
zmag (float): 0.39879
abs_pressure (float): 0
diff_pressure (float): 222.444
pressure_alt (float): -1.0842e-19
temperature (float): 6.39766e-15
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xfaca

No.	Time	Source	Destination	Protocol	Length	Info
3236	4.070078845	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3236: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35643, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222458374
xacc (float): 0.201791
yacc (float): 0.00526681
zacc (float): -9.79773
xgyro (float): -7.6497e-05
ygyro (float): 2.25759e-05
zgyro (float): 3.72591e-05
xmag (float): 0.243298
ymag (float): -0.00381743
zmag (float): 0.398858
abs_pressure (float): 1013.09
diff_pressure (float): 222.458
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x3112

No.	Time	Source	Destination	Protocol	Length	Info
3239	4.070233178	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3239: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93255310
xacc (float): 0.202213
yacc (float): 0.00531638
zacc (float): -9.79759
xgyro (float): -8.10453e-05
ygyro (float): 2.29788e-05
zgyro (float): 2.76308e-05
xmag (float): 0.243581
ymag (float): -0.00458997
zmag (float): 0.39879
abs_pressure (float): 101309
diff_pressure (float): 0.122795
pressure_alt (float): 1.32399

temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x699e

No.	Time	Source	Destination	Protocol	Length	Info
3245	4.079899601	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3245: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35717, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222470321
xacc (float): 0.201623
yacc (float): 0.00522557
zacc (float): -9.79774
xgyro (float): -5.84713e-05
ygyro (float): 1.80924e-05
zgyro (float): 3.45281e-05
xmag (float): 0.244223
ymag (float): -0.00393597
zmag (float): 0.398616
abs_pressure (float): 0
diff_pressure (float): 222.47
pressure_alt (float): -3.68935e+19
temperature (float): 3.8277e+21
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2fce

No.	Time	Source	Destination	Protocol	Length	Info
3252	4.094150155	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3252: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35791, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222480178
xacc (float): -4.4774e-31
yacc (float): -4.55616e+08
zacc (float): 0
xgyro (float): 3.24988
ygyro (float): -5.86814e-16
zgyro (float): -1.64924e+25
xmag (float): -1.86257e+19
ymag (float): 0
zmag (float): 1.24615e+36
abs_pressure (float): 1013.09
diff_pressure (float): 222.48
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x9da9

No.	Time	Source	Destination	Protocol	Length	Info
3254	4.094304731	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3254: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93281708
xacc (float): 0.201707
yacc (float): 0.00524636
zacc (float): -9.79773
xgyro (float): -6.74842e-05
ygyro (float): 2.03342e-05

zgyro (float): 3.58936e-05
xmag (float): 0.244223
ymag (float): -0.00393598
zmag (float): 0.398616
abs_pressure (float): 101309
diff_pressure (float): 0.122795
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xd93b

No.	Time	Source	Destination	Protocol	Length	Info
3257	4.103917091	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3257: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35865, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222494369
xacc (float): 0.201416
yacc (float): 0.00512916
zacc (float): -9.79781
xgyro (float): -6.47886e-05
ygyro (float): 3.10675e-05
zgyro (float): 1.77773e-05
xmag (float): 0.24363
ymag (float): -0.00409955
zmag (float): 0.398358
abs_pressure (float): 0
diff_pressure (float): 222.494
pressure_alt (float): -3.68935e+19
temperature (float): 131.5
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x0f36

No.	Time	Source	Destination	Protocol	Length	Info
3260	4.113724159	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3260: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 35939, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222504745
xacc (float): 0.201487
yacc (float): 0.00509267
zacc (float): -9.79783
xgyro (float): -5.44474e-05
ygyro (float): 2.58353e-05
zgyro (float): 2.98931e-05
xmag (float): 0.243834
ymag (float): -0.00378652
zmag (float): 0.398401
abs_pressure (float): 1013.09
diff_pressure (float): 222.505
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x808a

No.	Time	Source	Destination	Protocol	Length	Info
3263	4.113844456	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3263: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93305756
xacc (float): 0.100708
yacc (float): -2.27808e+08
zacc (float): -8.87491
xgyro (float): 4.39437e+16
ygyro (float): 1.64998e+17
zgyro (float): -8.24621e+24
xmag (float): 0.24363
ymag (float): -0.00409956
zmag (float): 0.398358
abs_pressure (float): 101309
diff_pressure (float): 0.122795
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xe5ec

No.	Time	Source	Destination	Protocol	Length	Info
3266	4.113895162	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 3266: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.447752
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x9c0a

No.	Time	Source	Destination	Protocol	Length	Info
3268	4.113917072	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3268: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 93291565
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xc3c2

No.	Time	Source	Destination	Protocol	Length	Info
3271	4.120067892	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3271: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36013, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222513900
xacc (float): 0.201487
yacc (float): 0.00509267
zacc (float): -9.79783
xgyro (float): -5.44474e-05
ygyro (float): 2.58353e-05
zgyro (float): 2.98931e-05
xmag (float): 0
ymag (float): -2.96239e+22

zmag (float): 5.61196e+27
abs_pressure (float): 0
diff_pressure (float): -0.000652834
pressure_alt (float): -3.68935e+19
temperature (float): -4.62674e+15
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0x0759

No.	Time	Source	Destination	Protocol	Length	Info
3273	4.120187047	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3273: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 93325287000

Message CRC: 0x36f3

No.	Time	Source	Destination	Protocol	Length	Info
3276	4.125447248	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3276: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36087, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222520141
xacc (float): 0.201742
yacc (float): 0.00507092
zacc (float): -9.79787
xgyro (float): -4.78511e-05
ygyro (float): 3.77636e-05
zgyro (float): 2.14185e-05
xmag (float): 0.243722
ymag (float): -0.00419751
zmag (float): 0.39832
abs_pressure (float): 0
diff_pressure (float): 222.52
pressure_alt (float): 0
temperature (float): -1.48893e-22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8eb1

No.	Time	Source	Destination	Protocol	Length	Info
3278	4.125631611	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3278: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93325287
xacc (float): 0.201487
yacc (float): 0.00509284
zacc (float): -9.79783
xgyro (float): -5.44474e-05
ygyro (float): 2.58353e-05
zgyro (float): 2.98931e-05
xmag (float): 0.243834
ymag (float): -0.00378653
zmag (float): 0.398401
abs_pressure (float): 101309
diff_pressure (float): -0.0652834
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x61b4

No.	Time	Source	Destination	Protocol	Length	Info
3280	4.125670602	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3280: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 93331528
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xd9f8

No.	Time	Source	Destination	Protocol	Length	Info
3283	4.130747157	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3283: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36161, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222526000
xacc (float): 9.09803e+26
yacc (float): 0.182125
zacc (float): 0
xgyro (float): -0.147582
ygyro (float): 6.51495e+10
zgyro (float): -3.40194e+24
xmag (float): -3.91254
ymag (float): 0
zmag (float): 5.85468e+16
abs_pressure (float): 1013.09
diff_pressure (float): 222.526
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x11ac

No.	Time	Source	Destination	Protocol	Length	Info
3286	4.137137286	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3286: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36235, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222531555
xacc (float): 0.201879
yacc (float): 0.00506584
zacc (float): -9.79786
xgyro (float): -4.96089e-05
ygyro (float): 3.13494e-06
zgyro (float): 3.33269e-05
xmag (float): 0.244157
ymag (float): -0.0043058
zmag (float): 0.398102
abs_pressure (float): 0
diff_pressure (float): 222.532
pressure_alt (float): -0
temperature (float): -13952
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xa1b5

No.	Time	Source	Destination	Protocol	Length	Info
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3290 4.148986531 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 3290: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36309, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222543426
xacc (float): 0.201989
yacc (float): 0.00506473
zacc (float): -9.79786
xgyro (float): -4.97203e-05
ygyro (float): 2.62767e-05
zgyro (float): 5.95454e-06
xmag (float): 0.243856
ymag (float): -0.00430757
zmag (float): 0.397759
abs_pressure (float): 0
diff_pressure (float): 222.543
pressure_alt (float): -2
temperature (float): -6.34767e-36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xae01

No.	Time	Source	Destination	Protocol	Length	Info
3291	4.149023671	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 3291: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36383, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)
time_usec (uint64): 222543426
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 20618

Message CRC: 0x04a7

No.	Time	Source	Destination	Protocol	Length	Info
3294	4.149185065	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3294: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93342942
xacc (float): 4.54901e+26
yacc (float): 0.0935956
zacc (float): -4.89893
xgyro (float): -0.0738159
ygyro (float): 3.04174e+16
zgyro (float): -1.70097e+24
xmag (float): 0.244157
ymag (float): -0.00430581
zmag (float): 0.398102
abs_pressure (float): 101309
diff_pressure (float): -0.0652834

pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x6583

No.	Time	Source	Destination	Protocol	Length	Info
3298	4.149221903	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 3298: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 93354813
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0xd138

No.	Time	Source	Destination	Protocol	Length	Info
3302	4.154348779	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3302: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36434, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222549179
xacc (float): 2.82192e+16
yacc (float): 2.48002e+17
zacc (float): 0
xgyro (float): -1.94981e+25
ygyro (float): -3.10597e-07
zgyro (float): 1.50718e-31
xmag (float): 0.0180363
ymag (float): 0
zmag (float): -2.61934e-09
abs_pressure (float): 1013.09
diff_pressure (float): 222.549
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x081b

No.	Time	Source	Destination	Protocol	Length	Info
3305	4.159632342	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3305: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36508, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222554931
xacc (float): 0.202069
yacc (float): 0.00506303
zacc (float): -9.79783
xgyro (float): -2.66053e-05

ygyro (float): 1.25402e-05
zgyro (float): 2.14397e-05
xmag (float): 0.243466
ymag (float): -0.00365753
zmag (float): 0.398986
abs_pressure (float): 0
diff_pressure (float): 222.555
pressure_alt (float): 0
temperature (float): 9.44473e+23
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc3be

No.	Time	Source	Destination	Protocol	Length	Info
3307	4.159843024	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 3307: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.447752
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xcae7

No.	Time	Source	Destination	Protocol	Length	Info
3310	4.171446497	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3310: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36582, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222565948
xacc (float): 0.202044
yacc (float): 0.00505244
zacc (float): -9.7978
xgyro (float): -2.95595e-05
ygyro (float): 2.54892e-05
zgyro (float): 3.0723e-05
xmag (float): 0.243861
ymag (float): -0.0042772
zmag (float): 0.398039
abs_pressure (float): 0
diff_pressure (float): 222.566
pressure_alt (float): 2
temperature (float): 4.04026e+34
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6ada

No.	Time	Source	Destination	Protocol	Length	Info
3312	4.171596625	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3312: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93366318
xacc (float): 1.41096e+16
yacc (float): 1.24001e+17
zacc (float): 2.16422e+09
xgyro (float): -9.74903e+24
ygyro (float): 3.61877e+16
zgyro (float): 3.21012e+16
xmag (float): 0.243466

ymag (float): -0.00365753
zmag (float): 0.398986
abs_pressure (float): 101309
diff_pressure (float): -0.0652834
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xbeab

No.	Time	Source	Destination	Protocol	Length	Info
3315	4.176720157	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3315: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36656, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222571640
xacc (float): -1.6451e-09
yacc (float): -4.33723e+30
zacc (float): 0
xgyro (float): -3.80531e-23
ygyro (float): -2.16088e+26
zgyro (float): -8.78865e-30
xmag (float): 1.31614e+22
ymag (float): 0
zmag (float): 1.76161e+08
abs_pressure (float): 1013.09
diff_pressure (float): 222.572
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x3eb7

No.	Time	Source	Destination	Protocol	Length	Info
3320	4.182102250	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3320: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36730, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222577178
xacc (float): 0.201844
yacc (float): 0.00501147
zacc (float): -9.79766
xgyro (float): -3.74647e-05
ygyro (float): 1.88005e-05
zgyro (float): 2.97325e-05
xmag (float): 0.244614
ymag (float): -0.00354771
zmag (float): 0.399352
abs_pressure (float): 0
diff_pressure (float): 222.577
pressure_alt (float): 2
temperature (float): 1.73599e-06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xa66c

No.	Time	Source	Destination	Protocol	Length	Info
3324	4.202417253	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3324: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36804, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222589263

xacc (float): 0.201642
yacc (float): 0.00496539
zacc (float): -9.79746
xgyro (float): -3.60085e-05
ygyro (float): 1.73395e-05
zgyro (float): 1.56954e-05
xmag (float): 0.243992
ymag (float): -0.00375068
zmag (float): 0.397748
abs_pressure (float): 0
diff_pressure (float): 222.589
pressure_alt (float): 2
temperature (float): -9.0209e-20
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x07fd

No.	Time	Source	Destination	Protocol	Length	Info
3326	4.202567517	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3326: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93388565
xacc (float): 0.100922
yacc (float): -2.16861e+30
zacc (float): -3.78495e+22
xgyro (float): 2.5381e+16
ygyro (float): -1.08044e+26
zgyro (float): -2.08829e+18
xmag (float): 0.244614
ymag (float): -0.00354772
zmag (float): 0.399352
abs_pressure (float): 101309
diff_pressure (float): -0.0652834
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xfb0f

No.	Time	Source	Destination	Protocol	Length	Info
3331	4.212164391	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3331: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36878, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222602691
xacc (float): 0.201206
yacc (float): 0.00488991
zacc (float): -9.79826
xgyro (float): -2.79226e-05
ygyro (float): 2.86762e-05
zgyro (float): 1.52004e-05
xmag (float): 0.243819
ymag (float): -0.00438165
zmag (float): 0.398608
abs_pressure (float): 1013.09
diff_pressure (float): 222.603
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x00b5

No.	Time	Source	Destination	Protocol	Length	Info
3335	4.225180822	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3335: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 36952, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222619323
xacc (float): 0.201417
yacc (float): 0.00473635
zacc (float): -9.7975
xgyro (float): -7.83445e-06
ygyro (float): 1.75394e-05
zgyro (float): 1.69473e-05
xmag (float): 0.243888
ymag (float): -0.00421608
zmag (float): 0.398562
abs_pressure (float): 1.11654e+06
diff_pressure (float): 0.000869925
pressure_alt (float): -0
temperature (float): 4.98947e+33
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x218a

No.	Time	Source	Destination	Protocol	Length	Info
3337	4.225306763	127.0.0.1	127.0.0.1	MAVLink 1.0	59	HEARTBEAT

Frame 3337: 59 bytes on wire (472 bits), 59 bytes captured (472 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (17)

Header

Payload: HEARTBEAT (0)

custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3

Message CRC: 0x8dd3

No.	Time	Source	Destination	Protocol	Length	Info
3339	4.225365029	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3339: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 93430710000

Message CRC: 0x67ad

No.	Time	Source	Destination	Protocol	Length	Info
3342	4.225386052	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3342: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93430710
xacc (float): 0.201312
yacc (float): 0.0048133
zacc (float): -9.79788
xgyro (float): -1.78785e-05
ygyro (float): 2.31078e-05
zgyro (float): 1.60739e-05
xmag (float): 0.243819
ymag (float): -0.00438165
zmag (float): 0.398608
abs_pressure (float): 101309

diff_pressure (float): 0.0869925
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x8d38

No.	Time	Source	Destination	Protocol	Length	Info
3344	4.225403408	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3344: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 93430710
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x7f3d

No.	Time	Source	Destination	Protocol	Length	Info
3347	4.225420995	127.0.0.1	127.0.0.1	MAVLink 1.0	83	COMMAND_LONG

Frame 3347: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (41)

Header

Payload: COMMAND_LONG (76)

param1 (float): 0
param2 (float): 0
param3 (float): 0
param4 (float): 0
param5 (float): 0
param6 (float): 0
param7 (float): 0
command (uint16): 200
target_system (uint8): 0
target_component (uint8): 0
confirmation (uint8): 0

Message CRC: 0xe490

No.	Time	Source	Destination	Protocol	Length	Info
3351	4.225438144	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 3351: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x01e2

No.	Time	Source	Destination	Protocol	Length	Info
3353	4.225454859	127.0.0.1	127.0.0.1	MAVLink 1.0	64	PING

Frame 3353: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (22)

Header

Payload: PING (4)

time_usec (uint64): 93430710
seq (uint32): 92
target_system (uint8): 0
target_component (uint8): 0

Message CRC: 0xf2ea

No.	Time	Source	Destination	Protocol	Length	Info
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3355 4.225472155 127.0.0.1 127.0.0.1 MAVLink 1.0 81 SYS_STATUS
Frame 3355: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x83c7

No.	Time	Source	Destination	Protocol	Length	Info
3357	4.225488619	127.0.0.1	127.0.0.1	MAVLink 1.0	62	SYSTEM_TIME

Frame 3357: 62 bytes on wire (496 bits), 62 bytes captured (496 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (20)

Header

Payload: SYSTEM_TIME (2)

time_unix_usec (uint64): 1647986461865523
time_boot_ms (uint32): 93430

Message CRC: 0x76f3

No.	Time	Source	Destination	Protocol	Length	Info
3359	4.225504850	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 3359: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.326474
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x04d2

No.	Time	Source	Destination	Protocol	Length	Info
3361	4.225520340	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3361: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 93400650
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xfd55

No.	Time	Source	Destination	Protocol	Length	Info
3364	4.235861984	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3364: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37026, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222625167
xacc (float): -1.81701e+23
yacc (float): 7.57507e-19
zacc (float): 0
xgyro (float): 6.55174e+07
ygyro (float): 2.10393e+18
zgyro (float): -2.35627e+07
xmag (float): -0.00275123
ymag (float): 0
zmag (float): 6.33825e+29
abs_pressure (float): 1013.09
diff_pressure (float): 222.625
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x9e4c

No.	Time	Source	Destination	Protocol	Length	Info
3367	4.246585589	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3367: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37100, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222636688
xacc (float): 0.201552
yacc (float): 0.0046144
zacc (float): -9.79721
xgyro (float): -2.80902e-05
ygyro (float): 7.71329e-09
zgyro (float): 2.15569e-05
xmag (float): 0.24364
ymag (float): -0.00367929
zmag (float): 0.398824
abs_pressure (float): 0
diff_pressure (float): 222.637
pressure_alt (float): -2
temperature (float): 2.09217e-19
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3e4c

No.	Time	Source	Destination	Protocol	Length	Info
3376	4.253966921	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3376: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37174, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222646469
xacc (float): 2.58408e+20
yacc (float): -1.77385e-36
zacc (float): 0
xgyro (float): -3.87376e+36
ygyro (float): -4.2272e+37
zgyro (float): -2.71073e+31
xmag (float): 7.27567e-34
ymag (float): 0
zmag (float): -2.13921e+16
abs_pressure (float): 1013.09
diff_pressure (float): 222.646

pressure_alt (float): 1019.55
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xa21a

No.	Time	Source	Destination	Protocol	Length	Info
3380	4.254094363	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3380: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93448075
xacc (float): -9.08507e+22
yacc (float): 0.00230728
zacc (float): -4.89861
xgyro (float): -3.81742e+14
ygyro (float): 1.05196e+18
zgyro (float): 1.83485e+10
xmag (float): 0.24364
ymag (float): -0.0036793
zmag (float): 0.398824
abs_pressure (float): 101309
diff_pressure (float): 0.0869925
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x440d

No.	Time	Source	Destination	Protocol	Length	Info
3382	4.256726323	127.0.0.1	127.0.0.1	MAVLink 2.0	63	HEARTBEAT

Frame 3382: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14550, Dst Port: 18570
MAVLink Protocol (21)

Header

Payload: HEARTBEAT (0)
custom_mode (uint32): 0
type (uint8): 6
autopilot (uint8): 8
base_mode (uint8): 192
system_status (uint8): 4
mavlink_version (uint8): 3

Message CRC: 0x24da

No.	Time	Source	Destination	Protocol	Length	Info
3384	4.260395626	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3384: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37248, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222653869
xacc (float): 0.201805
yacc (float): 0.00436825
zacc (float): -9.79918
xgyro (float): -6.85172e-05
ygyro (float): -2.15709e-05
zgyro (float): -5.23308e-06
xmag (float): 0.243859
ymag (float): -0.00417148
zmag (float): 0.39842
abs_pressure (float): 0
diff_pressure (float): 222.654
pressure_alt (float): -0
temperature (float): 5.46061e+16
fields_updated (uint32): 511

id (uint8): 0
Message CRC: 0x196c

No.	Time	Source	Destination	Protocol	Length	Info
3390	4.272126239	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3390: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37322, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 222665985
xacc (float): 0.202355
yacc (float): 0.00432579
zacc (float): -9.79873
xgyro (float): -7.45915e-05
ygyro (float): -1.1931e-05
zgyro (float): 1.45539e-05
xmag (float): 0.244793
ymag (float): -0.00460931
zmag (float): 0.39858
abs_pressure (float): 0
diff_pressure (float): 222.666
pressure_alt (float): -2
temperature (float): 1.34447e-37
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6caa

No.	Time	Source	Destination	Protocol	Length	Info
3393	4.272275000	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3393: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 93465256
xacc (float): 1.29204e+20
yacc (float): 0.00218421
zacc (float): -4.89959
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243859
ymag (float): -0.00417149
zmag (float): 0.39842
abs_pressure (float): 101309
diff_pressure (float): 0.0869925
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xd1c3

No.	Time	Source	Destination	Protocol	Length	Info
3399	4.277489803	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3399: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37396, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 222671997
xacc (float): 5.73998e+21
yacc (float): -6.27066e-08
zacc (float): 0
xgyro (float): 1.50622e-16
ygyro (float): 1.45477e-24
zgyro (float): -9.10284e+35
xmag (float): 1.11411e+13

ymag (float): 0
zmag (float): -368
abs_pressure (float): 1013.09
diff_pressure (float): 222.672
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x5720

No.	Time	Source	Destination	Protocol	Length	Info
3402	4.282779777	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3402: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37470, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222677932
xacc (float): 0.202672
yacc (float): 0.00437101
zacc (float): -9.79832
xgyro (float): -9.98379e-05
ygyro (float): -4.06347e-05
zgyro (float): -1.0666e-05
xmag (float): 0.243303
ymag (float): -0.00469642
zmag (float): 0.398347
abs_pressure (float): 0
diff_pressure (float): 222.678
pressure_alt (float): -1.0842e-19
temperature (float): 4.40684e+15
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7aa7

No.	Time	Source	Destination	Protocol	Length	Info
3406	4.294564617	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3406: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37544, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222689270
xacc (float): 0.202839
yacc (float): 0.00446471
zacc (float): -9.79794
xgyro (float): -8.78283e-05
ygyro (float): -3.11759e-05
zgyro (float): 4.53303e-06
xmag (float): 0.243743
ymag (float): -0.00450615
zmag (float): 0.398741
abs_pressure (float): 0
diff_pressure (float): 222.689
pressure_alt (float): -0
temperature (float): -6.67327e+26
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x95b3

No.	Time	Source	Destination	Protocol	Length	Info
3409	4.294715957	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3409: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93489319

xacc (float): 2.86999e+21
yacc (float): 0.00218556
zacc (float): -4.89916
xgyro (float): -3.27259e+27
ygyro (float): 1.08221e+28
zgyro (float): -4.55142e+35
xmag (float): 0.243303
ymag (float): -0.00469643
zmag (float): 0.398347
abs_pressure (float): 101309
diff_pressure (float): 0.0869925
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x2356

No.	Time	Source	Destination	Protocol	Length	Info
3413	4.299894300	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3413: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37618, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222694915
xacc (float): -4.75778e+24
yacc (float): -6.55359e+35
zacc (float): 0
xgyro (float): 5186.52
ygyro (float): -2.54329e-36
zgyro (float): -8.31234e-17
xmag (float): 1.05628e+09
ymag (float): 0
zmag (float): -0.0527344
abs_pressure (float): 1013.09
diff_pressure (float): 222.695
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xeb49

No.	Time	Source	Destination	Protocol	Length	Info
3416	4.305240645	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3416: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37692, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222700469
xacc (float): 0.202813
yacc (float): 0.00459006
zacc (float): -9.79738
xgyro (float): -9.2588e-05
ygyro (float): -3.45015e-05
zgyro (float): -5.54641e-06
xmag (float): 0.244161
ymag (float): -0.00388295
zmag (float): 0.398895
abs_pressure (float): 0
diff_pressure (float): 222.7
pressure_alt (float): 2
temperature (float): 5.82702e+26
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xce9b

No.	Time	Source	Destination	Protocol	Length	Info
3418	4.305423328	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3418: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93506302
xacc (float): -2.37889e+24
yacc (float): -3.2768e+35
zacc (float): -5.71909e+27
xgyro (float): 2593.26
ygyro (float): -2.31014e-05
zgyro (float): 9.02416e-05
xmag (float): 0.243743
ymag (float): -0.00450616
zmag (float): 0.398741
abs_pressure (float): 101309
diff_pressure (float): 0.0869925
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x19b0

No.	Time	Source	Destination	Protocol	Length	Info
3422	4.316988408	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3422: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37766, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222711807
xacc (float): 0.202682
yacc (float): 0.00482916
zacc (float): -9.79619
xgyro (float): -8.27351e-05
ygyro (float): -2.15152e-05
zgyro (float): -2.18934e-05
xmag (float): 0.243464
ymag (float): -0.0042849
zmag (float): 0.398934
abs_pressure (float): 0
diff_pressure (float): 222.712
pressure_alt (float): 1.0842e-19
temperature (float): -8.54029e+37
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6ab3

No.	Time	Source	Destination	Protocol	Length	Info
3424	4.317223408	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3424: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)
tc1 (int64): 0
ts1 (int64): 93523194000

Message CRC: 0x586a

No.	Time	Source	Destination	Protocol	Length	Info
3426	4.317274418	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 3426: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.376867

groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xb547

No.	Time	Source	Destination	Protocol	Length	Info
3428	4.317292828	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3428: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 93500657
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xe1c6

No.	Time	Source	Destination	Protocol	Length	Info
3431	4.322336379	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3431: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37840, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222717117
xacc (float): 3.72403e+29
yacc (float): 1.06634e-24
zacc (float): 0
xgyro (float): -5.34526e-16
ygyro (float): -6.84167e-31
zgyro (float): 1.24428e-38
xmag (float): 3.29043e-21
ymag (float): 0
zmag (float): -8.44425e+14
abs_pressure (float): 1013.09
diff_pressure (float): 222.717
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x121e

No.	Time	Source	Destination	Protocol	Length	Info
3434	4.327687617	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3434: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37914, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222722839
xacc (float): 0.201979
yacc (float): 0.005081
zacc (float): -9.79624
xgyro (float): -5.6886e-05
ygyro (float): -1.67476e-05
zgyro (float): 7.07806e-06
xmag (float): 0.243949
ymag (float): -0.00471046
zmag (float): 0.398707
abs_pressure (float): 1.06251e-17

diff_pressure (float): -0.000668217
pressure_alt (float): -0
temperature (float): 8.2764e-11
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0xe657

No.	Time	Source	Destination	Protocol	Length	Info
3437	4.327817321	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3437: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93528504
xacc (float): 1.86202e+29
yacc (float): 0.00241467
zacc (float): -4.89809
xgyro (float): -4.13676e-05
ygyro (float): -1.07576e-05
zgyro (float): -1.09467e-05
xmag (float): 0.243464
ymag (float): -0.00428491
zmag (float): 0.398934
abs_pressure (float): 101309
diff_pressure (float): 0.0869925
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x73e5

No.	Time	Source	Destination	Protocol	Length	Info
3440	4.327853181	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3440: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)
time_usec (uint64): 93534226
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x6883

No.	Time	Source	Destination	Protocol	Length	Info
3444	4.339486415	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3444: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 37988, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222733932
xacc (float): 0.201392
yacc (float): 0.00522101
zacc (float): -9.79718
xgyro (float): -3.43063e-05
ygyro (float): 9.13861e-06
zgyro (float): -1.56387e-05
xmag (float): 0.243913
ymag (float): -0.00468776
zmag (float): 0.398124
abs_pressure (float): 0
diff_pressure (float): 222.734
pressure_alt (float): 3.68935e+19

temperature (float): -2.22981e+15

fields_updated (uint32): 511

id (uint8): 0

Message CRC: 0x952c

No.	Time	Source	Destination	Protocol	Length	Info
3447	4.344833704	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3447: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38062, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222739791

xacc (float): -1.46868e-14

yacc (float): -20708.8

zacc (float): 0

xgyro (float): 3.32752e-28

ygyro (float): 1.6503e+13

zgyro (float): 6.49595e+06

xmag (float): -8.08439e-22

ymag (float): 0

zmag (float): -3.08149e-33

abs_pressure (float): 1013.09

diff_pressure (float): 222.74

pressure_alt (float): 1019.56

temperature (float): 16.8871

fields_updated (uint32): 6719

id (uint8): 0

Message CRC: 0x5456

No.	Time	Source	Destination	Protocol	Length	Info
3449	4.344996064	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3449: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93545319

xacc (float): 0.201685

yacc (float): 0.00515117

zacc (float): -9.79671

xgyro (float): -4.55961e-05

ygyro (float): -3.80451e-06

zgyro (float): -4.28035e-06

xmag (float): 0.243913

ymag (float): -0.00468777

zmag (float): 0.398124

abs_pressure (float): 101309

diff_pressure (float): -0.0668217

pressure_alt (float): 1.32399

temperature (float): 16.8871

fields_updated (uint16): 1535

id (uint8): 0

Message CRC: 0xd9d2

No.	Time	Source	Destination	Protocol	Length	Info
3452	4.350181266	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3452: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38136, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222745559

xacc (float): 0.200999

yacc (float): 0.00522669

zacc (float): -9.79747

xgyro (float): -3.46574e-05

ygyro (float): 6.19855e-06

zgyro (float): 8.84056e-06
xmag (float): 0.243957
ymag (float): -0.00480595
zmag (float): 0.398404
abs_pressure (float): 0
diff_pressure (float): 222.746
pressure_alt (float): -1.0842e-19
temperature (float): -2.06001e-10
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xacca

No.	Time	Source	Destination	Protocol	Length	Info
3453	4.350212317	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 3453: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38210, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 222745559
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 4445

Message CRC: 0xdc05

No.	Time	Source	Destination	Protocol	Length	Info
3458	4.361962285	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3458: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38261, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222756866
xacc (float): 0.200868
yacc (float): 0.00512282
zacc (float): -9.79817
xgyro (float): -6.09312e-06
ygyro (float): 1.54777e-05
zgyro (float): -2.25989e-05
xmag (float): 0.243385
ymag (float): -0.0039519
zmag (float): 0.398918
abs_pressure (float): 0
diff_pressure (float): 222.757
pressure_alt (float): 2
temperature (float): 5.4778e-36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8b6a

No.	Time	Source	Destination	Protocol	Length	Info
3460	4.362163523	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 3460: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 93556946
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
epv (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0
Message CRC: 0x5547

No.	Time	Source	Destination	Protocol	Length	Info
3467	4.367306580	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3467: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38335, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222762374
xacc (float): 4.0843e+18
yacc (float): -4.78511e-30
zacc (float): 0
xgyro (float): -3.39054e-15
ygyro (float): -1.58849e-36
zgyro (float): 4.42373e+13
xmag (float): 6.19318e-16
ymag (float): 0
zmag (float): 7.39557e-32
abs_pressure (float): 1013.09
diff_pressure (float): 222.762
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x7dce

No.	Time	Source	Destination	Protocol	Length	Info
3469	4.367444006	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3469: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93568253
xacc (float): 0.200934
yacc (float): 0.00517492
zacc (float): -9.79782
xgyro (float): -27284.4
ygyro (float): -0.0332093
zgyro (float): 80813
xmag (float): 0.243385
ymag (float): -0.00395191
zmag (float): 0.398918
abs_pressure (float): 101309
diff_pressure (float): -0.0668217
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xc6ee

No.	Time	Source	Destination	Protocol	Length	Info
3472	4.373726419	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3472: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38409, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222768051
xacc (float): 0.200851
yacc (float): 0.00490871
zacc (float): -9.79953
xgyro (float): -4.0306e-05
ygyro (float): 1.11369e-05
zgyro (float): -5.64804e-06
xmag (float): 0.243787
ymag (float): -0.00449083
zmag (float): 0.398709
abs_pressure (float): 0
diff_pressure (float): 222.768
pressure_alt (float): -3.68935e+19
temperature (float): 2.4025e+23
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6ab1

No.	Time	Source	Destination	Protocol	Length	Info
3476	4.390811506	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3476: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38483, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222781158
xacc (float): 0.201418
yacc (float): 0.0046969
zacc (float): -9.79855
xgyro (float): -3.53452e-05
ygyro (float): -2.1975e-05
zgyro (float): -1.25456e-05
xmag (float): 0.244354
ymag (float): -0.00477485
zmag (float): 0.397868
abs_pressure (float): 0
diff_pressure (float): 222.781
pressure_alt (float): 2
temperature (float): -1.20062e+08
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4826

No.	Time	Source	Destination	Protocol	Length	Info
3478	4.390963720	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3478: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93579438
xacc (float): 2.04215e+18
yacc (float): 0.00245444
zacc (float): -4.89977
xgyro (float): 22034.7
ygyro (float): -559716
zgyro (float): 2.21187e+13
xmag (float): 0.243787
ymag (float): -0.00449084
zmag (float): 0.398709
abs_pressure (float): 101309
diff_pressure (float): -0.0668217

pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xf313

No.	Time	Source	Destination	Protocol	Length	Info
3481	4.401922169	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3481: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38557, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222790847
xacc (float): 0
yacc (float): -6.75945e-24
zacc (float): 0
xgyro (float): 5.54658e+33
ygyro (float): -8.51199e+27
zgyro (float): -8.88478e-12
xmag (float): 6.05218e+35
ymag (float): 0
zmag (float): 6.92764e-24
abs_pressure (float): 1013.09
diff_pressure (float): 222.791
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x060c

No.	Time	Source	Destination	Protocol	Length	Info
3486	4.411893296	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3486: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38631, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222802764
xacc (float): 0.202486
yacc (float): 0.00451969
zacc (float): -9.79844
xgyro (float): -7.43061e-05
ygyro (float): -3.3869e-05
zgyro (float): -1.19988e-05
xmag (float): 0.24393
ymag (float): -0.00365486
zmag (float): 0.398676
abs_pressure (float): 0
diff_pressure (float): 222.803
pressure_alt (float): 2
temperature (float): -2.07829e-23
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xfd39

No.	Time	Source	Destination	Protocol	Length	Info
3488	4.412055317	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3488: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93602234
xacc (float): 0.100709
yacc (float): 0.00234854
zacc (float): -4.89928
xgyro (float): 2.77329e+33

ygyro (float): -4.28355e+27
zgyro (float): 1.64151e+25
xmag (float): 0.244354
ymag (float): -0.00477486
zmag (float): 0.397868
abs_pressure (float): 101309
diff_pressure (float): -0.0668217
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xc4e2

No.	Time	Source	Destination	Protocol	Length	Info
3499	4.418350650	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3499: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38705, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222811859
xacc (float): 9.90902e-32
yacc (float): -7.33573e+24
zacc (float): 0
xgyro (float): -7.86506e+26
ygyro (float): 2.38612e+28
zgyro (float): -1.30552e+17
xmag (float): 7.16044e+24
ymag (float): 0
zmag (float): 0.0078125
abs_pressure (float): 1013.09
diff_pressure (float): 222.812
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xaa57

No.	Time	Source	Destination	Protocol	Length	Info
3501	4.418511614	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3501: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 93623246000

Message CRC: 0x0ef7

No.	Time	Source	Destination	Protocol	Length	Info
3502	4.418518666	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 3502: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.330298
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x1dcd

No.	Time	Source	Destination	Protocol	Length	Info
3504	4.418554722	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 3504: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0

landed_state (uint8): 1

Message CRC: 0x9a64

No.	Time	Source	Destination	Protocol	Length	Info
3506	4.418575573	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 3506: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671

onboard_control_sensors_enabled (uint32): 270598207

onboard_control_sensors_health (uint32): 270532639

load (uint16): 0

voltage_battery (uint16): 16200

current_battery (int16): -100

drop_rate_comm (uint16): 0

errors_comm (uint16): 0

errors_count1 (uint16): 0

errors_count2 (uint16): 0

errors_count3 (uint16): 0

errors_count4 (uint16): 0

battery_remaining (int8): 100

Message CRC: 0xb683

No.	Time	Source	Destination	Protocol	Length	Info
3508	4.418592460	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 3508: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.330298

groundspeed (float): 0

alt (float): 1.32399

climb (float): 0

heading (int16): 0

throttle (uint16): 0

Message CRC: 0x298e

No.	Time	Source	Destination	Protocol	Length	Info
3510	4.418608653	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3510: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 93592545

wind_x (float): 0

wind_y (float): 0

wind_z (float): 0

var_horiz (float): 0

var_vert (float): 0

wind_alt (float): nan

horiz_accuracy (float): 0

vert_accuracy (float): 0

Message CRC: 0x222f

No.	Time	Source	Destination	Protocol	Length	Info
3513	4.425858094	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3513: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38779, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222818954
xacc (float): 0.202927
yacc (float): 0.00455207
zacc (float): -9.79801
xgyro (float): -8.13183e-05
ygyro (float): -2.84214e-05
zgyro (float): 5.46808e-06
xmag (float): 0.243713
ymag (float): -0.00405416
zmag (float): 0.398435
abs_pressure (float): 0
diff_pressure (float): 222.819
pressure_alt (float): -3.68935e+19
temperature (float): 2.41833e-26
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6d1b

No.	Time	Source	Destination	Protocol	Length	Info
3515	4.425990468	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3515: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93623246
xacc (float): 0.101243
yacc (float): -3.66787e+24
zacc (float): -6.40163e+16
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.24393
ymag (float): -0.00365487
zmag (float): 0.398676
abs_pressure (float): 101309
diff_pressure (float): -0.0668217
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x3ac6

No.	Time	Source	Destination	Protocol	Length	Info
3517	4.426026530	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3517: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 93630341
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x61b0

No.	Time	Source	Destination	Protocol	Length	Info
3522	4.434374162	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3522: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38853, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222826080
xacc (float): 0.202927
yacc (float): 0.00455207
zacc (float): -9.79801
xgyro (float): -8.13183e-05
ygyro (float): -2.84214e-05
zgyro (float): 5.46808e-06
xmag (float): 0
ymag (float): -2.96239e+22
zmag (float): 5.61196e+27
abs_pressure (float): 0
diff_pressure (float): -0.001995
pressure_alt (float): 2
temperature (float): -5.15625
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0x4fde

No.	Time	Source	Destination	Protocol	Length	Info
3525	4.444194226	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3525: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 38927, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222835388
xacc (float): 0.20308
yacc (float): 0.00468278
zacc (float): -9.79752
xgyro (float): -8.46696e-05
ygyro (float): -2.33705e-05
zgyro (float): 1.09337e-05
xmag (float): 0.243512
ymag (float): -0.00434301
zmag (float): 0.398943
abs_pressure (float): 1013.09
diff_pressure (float): 222.835
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x4f58

No.	Time	Source	Destination	Protocol	Length	Info
3531	4.457326552	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3531: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39001, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222852050
xacc (float): 0.202977
yacc (float): 0.00503325
zacc (float): -9.79604
xgyro (float): -6.6843e-05
ygyro (float): -4.12551e-06
zgyro (float): 1.07616e-06
xmag (float): 0.243752
ymag (float): -0.00381853
zmag (float): 0.398404
abs_pressure (float): 0
diff_pressure (float): 222.852
pressure_alt (float): 0
temperature (float): -2.498e-16
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xddc5

No.	Time	Source	Destination	Protocol	Length	Info
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3533 4.457528182 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 3533: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93646775
xacc (float): 0.203003
yacc (float): 0.0046176
zacc (float): -9.79776
xgyro (float): -8.2994e-05
ygyro (float): -2.5896e-05
zgyro (float): 8.20087e-06
xmag (float): 0.243512
ymag (float): -0.00434302
zmag (float): 0.398943
abs_pressure (float): 101309
diff_pressure (float): -0.1995
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x654d

No.	Time	Source	Destination	Protocol	Length	Info
3540	4.462649565	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3540: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39075, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222857666
xacc (float): 0
yacc (float): -4.63756e-27
zacc (float): 0
xgyro (float): 2.0164e-26
ygyro (float): -551528
zgyro (float): -4.48531
xmag (float): 6.26973e-17
ymag (float): 0
zmag (float): 2.55212e+38
abs_pressure (float): 1013.09
diff_pressure (float): 222.858
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xbcdc

No.	Time	Source	Destination	Protocol	Length	Info
3543	4.469098923	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3543: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39149, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222863540
xacc (float): 0.202266
yacc (float): 0.0052849
zacc (float): -9.79654
xgyro (float): -4.42203e-05
ygyro (float): -1.06156e-05
zgyro (float): 1.09165e-06
xmag (float): 0.243926
ymag (float): -0.00397855
zmag (float): 0.398743
abs_pressure (float): 0

diff_pressure (float): 222.864
pressure_alt (float): 1.0842e-19
temperature (float): 1.54516e+25
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc30c

No.	Time	Source	Destination	Protocol	Length	Info
3549	4.479740589	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3549: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39223, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222874740
xacc (float): 0.201871
yacc (float): 0.00537285
zacc (float): -9.79736
xgyro (float): -1.7128e-05
ygyro (float): 1.63105e-06
zgyro (float): 1.05674e-05
xmag (float): 0.243311
ymag (float): -0.00341341
zmag (float): 0.398901
abs_pressure (float): 0
diff_pressure (float): 222.875
pressure_alt (float): -3.68935e+19
temperature (float): -1.35626e+25
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xae65

No.	Time	Source	Destination	Protocol	Length	Info
3552	4.479888408	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3552: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93674927
xacc (float): 0.101133
yacc (float): 0.00264254
zacc (float): -4.89827
xgyro (float): -2.21102e-05
ygyro (float): -275764
zgyro (float): -2.24601
xmag (float): 0.243926
ymag (float): -0.00397856
zmag (float): 0.398743
abs_pressure (float): 101309
diff_pressure (float): -0.1995
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xe5c8

No.	Time	Source	Destination	Protocol	Length	Info
3556	4.485070563	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3556: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39297, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222880203
xacc (float): -2.74638e+17
yacc (float): 5.86702e+37
zacc (float): 0

xgyro (float): 9.4551e+30
ygyro (float): 8.70815e-19
zgyro (float): 5.22419e-21
xmag (float): -1.69095
ymag (float): 0
zmag (float): -2.0117e-21
abs_pressure (float): 1013.09
diff_pressure (float): 222.88
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xe834

No.	Time	Source	Destination	Protocol	Length	Info
3559	4.491560345	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3559: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39371, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222885894
xacc (float): 0.201694
yacc (float): 0.0053428
zacc (float): -9.79752
xgyro (float): -8.8045e-06
ygyro (float): 1.59907e-05
zgyro (float): -9.89729e-07
xmag (float): 0.244089
ymag (float): -0.00385484
zmag (float): 0.398153
abs_pressure (float): 0
diff_pressure (float): 222.886
pressure_alt (float): 2
temperature (float): 8.6898e-31
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf5d6

No.	Time	Source	Destination	Protocol	Length	Info
3563	4.502298483	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3563: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39445, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 222897186
xacc (float): 0.201504
yacc (float): 0.00531564
zacc (float): -9.79763
xgyro (float): 6.51519e-06
ygyro (float): 1.03283e-06
zgyro (float): -2.06583e-05
xmag (float): 0.24392
ymag (float): -0.0042401
zmag (float): 0.398409
abs_pressure (float): 0
diff_pressure (float): 222.897
pressure_alt (float): -2
temperature (float): 1144
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xbd74

No.	Time	Source	Destination	Protocol	Length	Info
3565	4.502424778	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3565: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93697281
xacc (float): -1.37319e+17
yacc (float): 2.93351e+37
zacc (float): 5.11994e+29
xgyro (float): 4.72755e+30
ygyro (float): 1.24367e+22
zgyro (float): 1.54526e+22
xmag (float): 0.244089
ymag (float): -0.00385484
zmag (float): 0.398153
abs_pressure (float): 101309
diff_pressure (float): -0.1995
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x189e

No.	Time	Source	Destination	Protocol	Length	Info
3568	4.508815425	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3568: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39519, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222902908
xacc (float): -3775.33
yacc (float): -6.44531e-08
zacc (float): 0
xgyro (float): 5.57652e-33
ygyro (float): -3.68806e+14
zgyro (float): -1.90191e-28
xmag (float): 6.17805e+36
ymag (float): 0
zmag (float): -4.5634e+10
abs_pressure (float): 1013.09
diff_pressure (float): 222.903
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xebf4

No.	Time	Source	Destination	Protocol	Length	Info
3570	4.508951602	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 3570: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.570713
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x7ddc

No.	Time	Source	Destination	Protocol	Length	Info
3572	4.508984019	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3572: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 93691590
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x97b0

No.	Time	Source	Destination	Protocol	Length	Info
3577	4.514191282	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3577: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39593, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222908813
xacc (float): 0.201382
yacc (float): 0.00523544
zacc (float): -9.79799
xgyro (float): -7.82289e-06
ygyro (float): -4.44249e-06
zgyro (float): -6.58891e-06
xmag (float): 0.243401
ymag (float): -0.00383396
zmag (float): 0.39934
abs_pressure (float): 0
diff_pressure (float): 222.909
pressure_alt (float): 0
temperature (float): 1.00916e-22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xfd4c

No.	Time	Source	Destination	Protocol	Length	Info
3581	4.525874194	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3581: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39667, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222920394
xacc (float): 0.201352
yacc (float): 0.00513253
zacc (float): -9.79792
xgyro (float): -9.07313e-06
ygyro (float): 1.05017e-05
zgyro (float): 4.76104e-06
xmag (float): 0.243859
ymag (float): -0.00451815
zmag (float): 0.398952
abs_pressure (float): 0
diff_pressure (float): 222.92
pressure_alt (float): -3.68935e+19
temperature (float): -8.2193e-26
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7bbb

No.	Time	Source	Destination	Protocol	Length	Info
3583	4.526005954	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3583: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 93731781000
Message CRC: 0x707c

No.	Time	Source	Destination	Protocol	Length	Info
3585	4.526038889	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3585: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 93720200
xacc (float): -1887.56
yacc (float): 0.00261777
zacc (float): -4.89899
xgyro (float): -618559
ygyro (float): -1.84403e+14
zgyro (float): -3.84881e+06
xmag (float): 0.243401
ymag (float): -0.00383397
zmag (float): 0.39934
abs_pressure (float): 101309
diff_pressure (float): -0.1995
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xb4e0

No.	Time	Source	Destination	Protocol	Length	Info
3587	4.526056182	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3587: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header
Payload: ALTITUDE (141)
time_usec (uint64): 93731781
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x79e0

No.	Time	Source	Destination	Protocol	Length	Info
3590	4.531225344	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3590: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39741, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 222925903
xacc (float): -1.89301e+28
yacc (float): 9.35132e+18
zacc (float): 0
xgyro (float): 1.06004e-24
ygyro (float): -9.15507e+32
zgyro (float): -4.6626e-25
xmag (float): 4.71834e+20
ymag (float): 0
zmag (float): 6.98492e-09
abs_pressure (float): 1013.09
diff_pressure (float): 222.926
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x6d56

No. Time Source Destination Protocol Length Info
3593 4.536548882 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 3593: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39815, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222931564
xacc (float): 0.201112
yacc (float): 0.00496556
zacc (float): -9.79779
xgyro (float): 1.91558e-05
ygyro (float): 2.18377e-06
zgyro (float): -1.88455e-05
xmag (float): 0.243746
ymag (float): -0.00341504
zmag (float): 0.399038
abs_pressure (float): 0
diff_pressure (float): -0.00113847
pressure_alt (float): 3.68935e+19
temperature (float): -1.49094e+15
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0xf95f

No. Time Source Destination Protocol Length Info
3597 4.548285886 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 3597: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39889, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222943038
xacc (float): 0.201044
yacc (float): 0.00479436
zacc (float): -9.79808
xgyro (float): 6.45957e-06
ygyro (float): -6.67793e-06
zgyro (float): 8.24843e-06
xmag (float): 0.2435
ymag (float): -0.00506347
zmag (float): 0.398439
abs_pressure (float): 0
diff_pressure (float): 222.943
pressure_alt (float): 3.68935e+19
temperature (float): 3.74676e+37
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x581d

No. Time Source Destination Protocol Length Info
3599 4.548418287 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 3599: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93742951
xacc (float): -9.46507e+27
yacc (float): 4.67566e+18
zacc (float): 8.16057e+10
xgyro (float): 2.48042e+24
ygyro (float): -4.57754e+32
zgyro (float): -5.02319e+24
xmag (float): 0.243746
ymag (float): -0.00341504

zmag (float): 0.399038
abs_pressure (float): 101309
diff_pressure (float): -0.113847
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0x89a2

No.	Time	Source	Destination	Protocol	Length	Info
3604	4.553617228	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3604: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 39963, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222948486
xacc (float): 5.64524e-12
yacc (float): -7.33573e+24
zacc (float): 0
xgyro (float): 1.95931e+18
ygyro (float): -2.46991e-12
zgyro (float): 3.95472e-29
xmag (float): 1.64197e+24
ymag (float): 0
zmag (float): 49152
abs_pressure (float): 1013.09
diff_pressure (float): 222.948
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xb386

No.	Time	Source	Destination	Protocol	Length	Info
3605	4.553652620	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 3605: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40037, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 222948486
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 55687

Message CRC: 0xfc8a

No.	Time	Source	Destination	Protocol	Length	Info
3612	4.558947313	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3612: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40088, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222954254
xacc (float): 0.20075
yacc (float): 0.00463961

zacc (float): -9.79939
xgyro (float): 1.85759e-05
ygyro (float): -2.27551e-05
zgyro (float): -1.18209e-06
xmag (float): 0.24353
ymag (float): -0.00421439
zmag (float): 0.39841
abs_pressure (float): 0
diff_pressure (float): 222.954
pressure_alt (float): 2
temperature (float): 6.78288e-22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x0ba0

No.	Time	Source	Destination	Protocol	Length	Info
3614	4.559069998	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 3614: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 93759873
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0xc5b1

No.	Time	Source	Destination	Protocol	Length	Info
3618	4.570748527	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3618: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40162, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222965454
xacc (float): 0.20117
yacc (float): 0.00447488
zacc (float): -9.7991
xgyro (float): -6.02505e-06
ygyro (float): -3.19052e-05
zgyro (float): -1.89099e-06
xmag (float): 0.243666
ymag (float): -0.00356538
zmag (float): 0.398412
abs_pressure (float): 0
diff_pressure (float): 222.965
pressure_alt (float): 0
temperature (float): -5.9557e-22
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb991

No.	Time	Source	Destination	Protocol	Length	Info
3620	4.570900821	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3620: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93765641
xacc (float): 0.100375
yacc (float): -3.66787e+24
zacc (float): -6.40163e+16
xgyro (float): 9.79657e+17
ygyro (float): 2.09718e+09
zgyro (float): -3.57528e+09
xmag (float): 0.24353
ymag (float): -0.00421439
zmag (float): 0.39841
abs_pressure (float): 101309
diff_pressure (float): -0.113847
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xc892

No.	Time	Source	Destination	Protocol	Length	Info
3623	4.576009096	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3623: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40236, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222970855
xacc (float): 0
yacc (float): -1.6209e-07
zacc (float): 0
xgyro (float): 6.75754e-18
ygyro (float): -1.89542e+34
zgyro (float): 3.04021e-24
xmag (float): 5.65759e+16
ymag (float): 0
zmag (float): 5.97114e+34
abs_pressure (float): 1013.09
diff_pressure (float): 222.971
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x1801

No.	Time	Source	Destination	Protocol	Length	Info
3626	4.581379507	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3626: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40310, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222976562
xacc (float): 0.201453
yacc (float): 0.00441471
zacc (float): -9.79888
xgyro (float): -1.80111e-05
ygyro (float): -4.13133e-05
zgyro (float): 7.45448e-06
xmag (float): 0.24452
ymag (float): -0.00404173
zmag (float): 0.399087
abs_pressure (float): 0
diff_pressure (float): 222.977
pressure_alt (float): 0
temperature (float): 3.77789e+22
fields_updated (uint32): 511

```
id (uint8): 0
Message CRC: 0x967f
No.      Time          Source          Destination      Protocol Length Info
 3630 4.593166395    127.0.0.1      127.0.0.1       MAVLink 2.0 140   HIL_SENSOR
Frame 3630: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40384, Ack: 1, Len: 74
MAVLink Protocol (74)
Header
Payload: HIL_SENSOR (107)
  time_usec (uint64): 222988037
  xacc (float): 0.201647
  yacc (float): 0.0044127
  zacc (float): -9.79869
  xgyro (float): -4.12774e-05
  ygyro (float): -1.13051e-05
  zgyro (float): 1.96456e-05
  xmag (float): 0.244311
  ymag (float): -0.00431529
  zmag (float): 0.399272
  abs_pressure (float): 0
  diff_pressure (float): 222.988
  pressure_alt (float): 0
  temperature (float): 8.85928e-33
  fields_updated (uint32): 511
  id (uint8): 0
Message CRC: 0xc1a4
No.      Time          Source          Destination      Protocol Length Info
 3632 4.593303413    127.0.0.1      127.0.0.1       MAVLink 1.0 112   HIGHRES_IMU
Frame 3632: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)
Header
Payload: HIGHRES_IMU (105)
  time_usec (uint64): 93787949
  xacc (float): 0.100726
  yacc (float): 0.00220736
  zacc (float): -4.89944
  xgyro (float): -1.99315e+25
  ygyro (float): -9.47711e+33
  zgyro (float): -1.9097e+26
  xmag (float): 0.24452
  ymag (float): -0.00404173
  zmag (float): 0.399087
  abs_pressure (float): 101309
  diff_pressure (float): -0.113847
  pressure_alt (float): 1.32399
  temperature (float): 16.8871
  fields_updated (uint16): 511
  id (uint8): 0
Message CRC: 0xcde6
No.      Time          Source          Destination      Protocol Length Info
 3641 4.599525560    127.0.0.1      127.0.0.1       MAVLink 2.0 140   HIL_SENSOR
Frame 3641: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40458, Ack: 1, Len: 74
MAVLink Protocol (74)
Header
Payload: HIL_SENSOR (107)
  time_usec (uint64): 222993988
  xacc (float): 6.42884e-10
  yacc (float): 1.00386e-25
  zacc (float): 0
  xgyro (float): -2.68046e+31
  ygyro (float): -5.28814e-32
  zgyro (float): 7.62058e+06
  xmag (float): 1.92634e-23
```

ymag (float): 0
zmag (float): 2.64698e-23
abs_pressure (float): 1013.09
diff_pressure (float): 222.994
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xb509

No.	Time	Source	Destination	Protocol	Length	Info
3644	4.604884746	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3644: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40532, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 222999710
xacc (float): 0.201788
yacc (float): 0.00444887
zacc (float): -9.79853
xgyro (float): -4.55026e-05
ygyro (float): -5.1055e-05
zgyro (float): 5.40103e-08
xmag (float): 0.244521
ymag (float): -0.00468318
zmag (float): 0.398795
abs_pressure (float): 0
diff_pressure (float): 223
pressure_alt (float): -1.0842e-19
temperature (float): 0.0104065
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x71d0

No.	Time	Source	Destination	Protocol	Length	Info
3650	4.616586558	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3650: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40606, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223011138
xacc (float): 0.202253
yacc (float): 0.00456449
zacc (float): -9.79899
xgyro (float): -6.05087e-05
ygyro (float): -4.3869e-05
zgyro (float): 9.86499e-06
xmag (float): 0.244082
ymag (float): -0.00422567
zmag (float): 0.398104
abs_pressure (float): 0
diff_pressure (float): 223.011
pressure_alt (float): 2
temperature (float): -2.00304e-35
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xcf41

No.	Time	Source	Destination	Protocol	Length	Info
3652	4.616730121	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3652: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0

ts1 (int64): 93822525000

Message CRC: 0x9b5a

No. Time Source Destination Protocol Length Info
3654 4.616763421 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 3654: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93811097
xacc (float): 0.100894
yacc (float): 0.00222452
zacc (float): -4.89926
xgyro (float): -1.34023e+31
ygyro (float): -2.30554e+15
zgyro (float): 1.32098e+23
xmag (float): 0.244521
ymag (float): -0.00468319
zmag (float): 0.398795
abs_pressure (float): 101309
diff_pressure (float): -0.113847
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x97ee

No. Time Source Destination Protocol Length Info
3657 4.616784851 127.0.0.1 127.0.0.1 MAVLink 1.0 52 EXTENDED_SYS_STATE
Frame 3657: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x2358

No. Time Source Destination Protocol Length Info
3660 4.616804415 127.0.0.1 127.0.0.1 MAVLink 1.0 81 SYS_STATUS
Frame 3660: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x7d15

No. Time Source Destination Protocol Length Info
3662 4.616821098 127.0.0.1 127.0.0.1 MAVLink 1.0 70 VFR_HUD
Frame 3662: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): -0.431129
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xef5f

No.	Time	Source	Destination	Protocol	Length	Info
3664	4.616836856	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3664: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)
time_usec (uint64): 93799424
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x18d4

No.	Time	Source	Destination	Protocol	Length	Info
3667	4.621962219	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3667: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40680, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223016677
xacc (float): 5.43831e-37
yacc (float): -1.6742e+33
zacc (float): 0
xgyro (float): 6.26173e-38
ygyro (float): -0.880277
zgyro (float): -2.49187e-30
xmag (float): -0.0940365
ymag (float): 0
zmag (float): 0.00219727
abs_pressure (float): 1013.09
diff_pressure (float): 223.017
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x9767

No.	Time	Source	Destination	Protocol	Length	Info
3672	4.627300089	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3672: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40754, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223022445
xacc (float): 0.202572
yacc (float): 0.00475826
zacc (float): -9.7985
xgyro (float): -5.8759e-05
ygyro (float): -3.88703e-05
zgyro (float): 9.74898e-06
xmag (float): 0.243822
ymag (float): -0.00388465

zmag (float): 0.397863
abs_pressure (float): 0
diff_pressure (float): 223.022
pressure_alt (float): -3.68935e+19
temperature (float): -6.17838e+16
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x5b26

No.	Time	Source	Destination	Protocol	Length	Info
3674	4.627415526	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3674: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 93833832
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xa613

No.	Time	Source	Destination	Protocol	Length	Info
3678	4.639131182	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3678: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40828, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223033554
xacc (float): 0.202766
yacc (float): 0.00488164
zacc (float): -9.79819
xgyro (float): -6.31792e-05
ygyro (float): -3.22231e-05
zgyro (float): 2.87686e-05
xmag (float): 0.243868
ymag (float): -0.00436255
zmag (float): 0.398415
abs_pressure (float): 8.29541e-27
diff_pressure (float): 0.000311621
pressure_alt (float): -3.68935e+19
temperature (float): -3.63208e-17
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0xda4d

No.	Time	Source	Destination	Protocol	Length	Info
3680	4.639273899	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3680: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93833832
xacc (float): 0.101286
yacc (float): -8.37102e+32
zacc (float): -1.46102e+25
xgyro (float): -2.93795e-05
ygyro (float): -0.440158
zgyro (float): 4.86699e-06
xmag (float): 0.243822
ymag (float): -0.00388466
zmag (float): 0.397863
abs_pressure (float): 101309

diff_pressure (float): -0.113847
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x21aa

No.	Time	Source	Destination	Protocol	Length	Info
3687	4.644395120	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3687: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40902, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223039154
xacc (float): 0
yacc (float): -3.02999e+27
zacc (float): 0
xgyro (float): -4.0108e+07
ygyro (float): -1.42586e-16
zgyro (float): 2.96759e+24
xmag (float): -2.0601
ymag (float): 0
zmag (float): 2.17877e+30
abs_pressure (float): 1013.09
diff_pressure (float): 223.039
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xd5cb

No.	Time	Source	Destination	Protocol	Length	Info
3690	4.649734962	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3690: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 40976, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223044998
xacc (float): 0.202897
yacc (float): 0.00498558
zacc (float): -9.79795
xgyro (float): -8.09157e-05
ygyro (float): -4.00264e-05
zgyro (float): 1.61519e-05
xmag (float): 0.244002
ymag (float): -0.00442786
zmag (float): 0.398867
abs_pressure (float): 0
diff_pressure (float): 223.045
pressure_alt (float): -1.0842e-19
temperature (float): 1.65245e-31
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1e26

No.	Time	Source	Destination	Protocol	Length	Info
3694	4.661524281	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3694: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41050, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223056259
xacc (float): 0.202985
yacc (float): 0.00508389
zacc (float): -9.7977

xgyro (float): -9.65319e-05
ygyro (float): -3.27216e-05
zgyro (float): 1.59557e-05
xmag (float): 0.244584
ymag (float): -0.0042306
zmag (float): 0.398687
abs_pressure (float): 0
diff_pressure (float): 223.056
pressure_alt (float): -3.68935e+19
temperature (float): 3.90264e-35
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe4fb

No.	Time	Source	Destination	Protocol	Length	Info
3696	4.661658437	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3696: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93856385
xacc (float): 0.101448
yacc (float): -1.515e+27
zacc (float): -2.64417e+19
xgyro (float): 2.70164e+15
ygyro (float): -2.58971e+16
zgyro (float): 1.48379e+24
xmag (float): 0.244002
ymag (float): -0.00442787
zmag (float): 0.398867
abs_pressure (float): 101309
diff_pressure (float): 0.031162
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x8cfa

No.	Time	Source	Destination	Protocol	Length	Info
3698	4.661710013	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 3698: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.431129
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xc8c5

No.	Time	Source	Destination	Protocol	Length	Info
3702	4.666785878	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3702: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41124, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223061630
xacc (float): -1869.24
yacc (float): 3.56581e-17
zacc (float): 0
xgyro (float): 135.426
ygyro (float): 1.80513e-05
zgyro (float): 4.3091e-11

xmag (float): 3.62431e-38
ymag (float): 0
zmag (float): 3.27377e-29
abs_pressure (float): 1013.09
diff_pressure (float): 223.062
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xe867

No.	Time	Source	Destination	Protocol	Length	Info
3707	4.672125555	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3707: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41198, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223067291
xacc (float): 0.202978
yacc (float): 0.00519379
zacc (float): -9.79736
xgyro (float): -8.56165e-05
ygyro (float): -2.89992e-05
zgyro (float): 2.5622e-05
xmag (float): 0.243586
ymag (float): -0.00330262
zmag (float): 0.398454
abs_pressure (float): 0
diff_pressure (float): 223.067
pressure_alt (float): 2
temperature (float): 3.96371e-06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3c49

No.	Time	Source	Destination	Protocol	Length	Info
3711	4.683838888	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3711: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41272, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223078536
xacc (float): 0.202898
yacc (float): 0.0053652
zacc (float): -9.7964
xgyro (float): -9.69374e-05
ygyro (float): -1.03966e-05
zgyro (float): 3.42034e-05
xmag (float): 0.24334
ymag (float): -0.00419374
zmag (float): 0.398648
abs_pressure (float): 0
diff_pressure (float): 223.079
pressure_alt (float): 3.68935e+19
temperature (float): 3.93642e-28
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb5de

No.	Time	Source	Destination	Protocol	Length	Info
3713	4.683967041	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3713: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93878678
xacc (float): -934.516
yacc (float): 0.00259698
zacc (float): -4.89868
xgyro (float): 67.7128
ygyro (float): -5.62041e-06
zgyro (float): 1.28674e-05
xmag (float): 0.243586
ymag (float): -0.00330262
zmag (float): 0.398454
abs_pressure (float): 101309
diff_pressure (float): 0.031162
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x53a0

No.	Time	Source	Destination	Protocol	Length	Info
3716	4.690257764	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3716: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41346, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223084091
xacc (float): 0.202898
yacc (float): 0.0053652
zacc (float): -9.7964
xgyro (float): -1.85682e-08
ygyro (float): -0.387702
zgyro (float): -2.56602e+06
xmag (float): 0
ymag (float): 0
zmag (float): 4.19904e-10
abs_pressure (float): 1013.09
diff_pressure (float): 223.084
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x0f38

No.	Time	Source	Destination	Protocol	Length	Info
3719	4.695594341	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3719: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41420, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223090148
xacc (float): 0.202357
yacc (float): 0.00564581
zacc (float): -9.7959
xgyro (float): -6.7362e-05
ygyro (float): -4.76418e-06
zgyro (float): 3.01456e-05
xmag (float): 0.243555
ymag (float): -0.00381113
zmag (float): 0.398952
abs_pressure (float): 0
diff_pressure (float): 223.09
pressure_alt (float): -0
temperature (float): -1.78586e+06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4d77

No.	Time	Source	Destination	Protocol	Length	Info
3725	4.706378280	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3725: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41494, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223101348
xacc (float): 0.201653
yacc (float): 0.00582155
zacc (float): -9.79671
xgyro (float): -5.27748e-05
ygyro (float): -4.69449e-06
zgyro (float): 3.45206e-05
xmag (float): 0.24365
ymag (float): -0.00457618
zmag (float): 0.39806
abs_pressure (float): 0
diff_pressure (float): 223.101
pressure_alt (float): 2
temperature (float): 1.58106e+06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb0d3

No.	Time	Source	Destination	Protocol	Length	Info
3727	4.706535690	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3727: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93901535
xacc (float): 0.202628
yacc (float): 0.00550568
zacc (float): -9.79615
xgyro (float): 0.00163922
ygyro (float): -0.180243
zgyro (float): -1.28301e+06
xmag (float): 0.243555
ymag (float): -0.00381114
zmag (float): 0.398952
abs_pressure (float): 101309
diff_pressure (float): 0.031162
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xb233

No.	Time	Source	Destination	Protocol	Length	Info
3730	4.712768266	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3730: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41568, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223107070
xacc (float): 5.33426e-27
yacc (float): 2.47394e+17
zacc (float): 0
xgyro (float): -1.14878e-22
ygyro (float): 5.0031e-21
zgyro (float): 3.55258e+36
xmag (float): -12009.7
ymag (float): 0
zmag (float): 1.66153e+36
abs_pressure (float): 1013.09
diff_pressure (float): 223.107

pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x4b46

No.	Time	Source	Destination	Protocol	Length	Info
3732	4.712919913	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 3732: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.225559
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xc160

No.	Time	Source	Destination	Protocol	Length	Info
3734	4.712954451	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3734: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 93895478
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x3c31

No.	Time	Source	Destination	Protocol	Length	Info
3737	4.718187150	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3737: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41642, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223112777
xacc (float): 0.201252
yacc (float): 0.00583904
zacc (float): -9.79716
xgyro (float): -1.16011e-05
ygyro (float): 7.6884e-06
zgyro (float): 1.25033e-05
xmag (float): 0.244091
ymag (float): -0.00436646
zmag (float): 0.398223
abs_pressure (float): 0
diff_pressure (float): 223.113
pressure_alt (float): -3.68935e+19
temperature (float): -2.97243e-27
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x076e

No.	Time	Source	Destination	Protocol	Length	Info
3739	4.718334038	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3739: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0

ts1 (int64): 93924164000

Message CRC: 0x347d

No.	Time	Source	Destination	Protocol	Length	Info
3741	4.718370822	127.0.0.1	127.0.0.1	MAVLink 1.0	83	COMMAND_LONG

Frame 3741: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (41)

Header

Payload: COMMAND_LONG (76)

param1 (float): 0

param2 (float): 0

param3 (float): 0

param4 (float): 0

param5 (float): 0

param6 (float): 0

param7 (float): 0

command (uint16): 200

target_system (uint8): 0

target_component (uint8): 0

confirmation (uint8): 0

Message CRC: 0x7069

No.	Time	Source	Destination	Protocol	Length	Info
3745	4.728856853	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3745: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41716, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223124130

xacc (float): 0.200817

yacc (float): 0.00577532

zacc (float): -9.79813

xgyro (float): -2.49015e-05

ygyro (float): 1.48122e-05

zgyro (float): 2.50344e-06

xmag (float): 0.244305

ymag (float): -0.00399274

zmag (float): 0.398656

abs_pressure (float): 0

diff_pressure (float): 223.124

pressure_alt (float): -3.68935e+19

temperature (float): 1022

fields_updated (uint32): 511

id (uint8): 0

Message CRC: 0x0ed4

No.	Time	Source	Destination	Protocol	Length	Info
3747	4.728991138	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3747: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93924164

xacc (float): 0.100626

yacc (float): 1.23697e+17

zacc (float): 2.15892e+09

xgyro (float): -5.24411e+27

ygyro (float): -1.35651e+28

zgyro (float): 1.77629e+36

xmag (float): 0.244091

ymag (float): -0.00436647
zmag (float): 0.398223
abs_pressure (float): 101309
diff_pressure (float): 0.031162
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x5952

No.	Time	Source	Destination	Protocol	Length	Info
3749	4.729026858	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3749: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 93935517
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xe205

No.	Time	Source	Destination	Protocol	Length	Info
3752	4.735315271	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3752: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41790, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223129516
xacc (float): 0.200817
yacc (float): 0.00577532
zacc (float): -9.79813
xgyro (float): -2.49601e-31
ygyro (float): 1.19392e-26
zgyro (float): 2.49636e-10
xmag (float): 0
ymag (float): 0
zmag (float): 2.96057e-10
abs_pressure (float): 1013.09
diff_pressure (float): 223.13
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x821b

No.	Time	Source	Destination	Protocol	Length	Info
3757	4.740680534	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3757: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41864, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223135284
xacc (float): 0.200914
yacc (float): 0.00566403
zacc (float): -9.79826
xgyro (float): -2.15516e-05
ygyro (float): 1.15182e-05
zgyro (float): 6.99183e-06
xmag (float): 0.244493
ymag (float): -0.00458006
zmag (float): 0.399369

abs_pressure (float): 3.0939e-30
diff_pressure (float): 0.00104231
pressure_alt (float): 2
temperature (float): 8.19803e+24
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x0e8c

No.	Time	Source	Destination	Protocol	Length	Info
3761	4.752402063	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3761: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 41938, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223146972
xacc (float): 0.201028
yacc (float): 0.00557862
zacc (float): -9.79827
xgyro (float): -7.45151e-06
ygyro (float): -2.31485e-06
zgyro (float): 5.45e-06
xmag (float): 0.243911
ymag (float): -0.00402374
zmag (float): 0.397785
abs_pressure (float): 0
diff_pressure (float): 223.147
pressure_alt (float): 0
temperature (float): -0.000198364
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd2dc

No.	Time	Source	Destination	Protocol	Length	Info
3763	4.752542492	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3763: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93946671
xacc (float): 0.200866
yacc (float): 0.00571985
zacc (float): -9.79819
xgyro (float): -1.07758e-05
ygyro (float): 5.75911e-06
zgyro (float): 3.49604e-06
xmag (float): 0.244493
ymag (float): -0.00458007
zmag (float): 0.399369
abs_pressure (float): 101309
diff_pressure (float): 0.104231
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0xb18a

No.	Time	Source	Destination	Protocol	Length	Info
3766	4.757787636	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3766: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42012, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223152725
xacc (float): 0
yacc (float): -1.15367e-17

zacc (float): 0
xgyro (float): 9.13508e-14
ygyro (float): 3245.61
zgyro (float): 1.74605e+11
xmag (float): 5.233e+15
ymag (float): 0
zmag (float): -9.70299e-29
abs_pressure (float): 1013.09
diff_pressure (float): 223.153
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xaf8a

No.	Time	Source	Destination	Protocol	Length	Info
3767	4.757825790	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 3767: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42086, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 223152725
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 52660

Message CRC: 0xb313

No.	Time	Source	Destination	Protocol	Length	Info
3771	4.763119178	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3771: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42137, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223158355
xacc (float): 0.201124
yacc (float): 0.00551114
zacc (float): -9.79827
xgyro (float): -2.68735e-05
ygyro (float): -4.52409e-07
zgyro (float): 1.89446e-05
xmag (float): 0.243864
ymag (float): -0.00341353
zmag (float): 0.398327
abs_pressure (float): 0
diff_pressure (float): 223.158
pressure_alt (float): 2
temperature (float): -3.28904e-15
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x44e7

No.	Time	Source	Destination	Protocol	Length	Info
3773	4.763276842	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 3773: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 93964112
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x0280

No.	Time	Source	Destination	Protocol	Length	Info
3779	4.774847947	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3779: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42211, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223169815
xacc (float): 0.201228
yacc (float): 0.00547201
zacc (float): -9.79827
xgyro (float): -1.35676e-05
ygyro (float): 2.17374e-05
zgyro (float): 1.88608e-05
xmag (float): 0.243899
ymag (float): -0.00443745
zmag (float): 0.397801
abs_pressure (float): 0
diff_pressure (float): 223.17
pressure_alt (float): 1.0842e-19
temperature (float): 3.64935e-11
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2cfb

No.	Time	Source	Destination	Protocol	Length	Info
3781	4.775009052	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3781: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 93969742
xacc (float): 0.100562
yacc (float): 0.00275566
zacc (float): -4.89914
xgyro (float): 5683.84
ygyro (float): -307.362
zgyro (float): 8.73026e+10
xmag (float): 0.243864
ymag (float): -0.00341354
zmag (float): 0.398327
abs_pressure (float): 101309
diff_pressure (float): 0.104231
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x2f13

No.	Time	Source	Destination	Protocol	Length	Info
3792	4.780135658	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3792: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42285, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

- time_usec (uint64): 223175201
- xacc (float): 0
- yacc (float): -7.16568e+31
- zacc (float): 0
- xgyro (float): -7.00089e-33
- ygyro (float): 1.74644e-37
- zgyro (float): -9.41008e+17
- xmag (float): -1.44769e-11
- ymag (float): 0
- zmag (float): -1.98158e+17
- abs_pressure (float): 1013.09
- diff_pressure (float): 223.175
- pressure_alt (float): 1019.56
- temperature (float): 16.8871
- fields_updated (uint32): 6719
- id (uint8): 0

Message CRC: 0x4ae0

No.	Time	Source	Destination	Protocol	Length	Info
3795	4.785519953	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3795: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42359, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

- time_usec (uint64): 223180618
- xacc (float): 0.201086
- yacc (float): 0.00542109
- zacc (float): -9.79832
- xgyro (float): -4.22772e-05
- ygyro (float): 7.13863e-06
- zgyro (float): -1.5386e-06
- xmag (float): 0.24331
- ymag (float): -0.00357432
- zmag (float): 0.398511
- abs_pressure (float): 0
- diff_pressure (float): 223.181
- pressure_alt (float): -1.0842e-19
- temperature (float): -1.47927e-26
- fields_updated (uint32): 511
- id (uint8): 0

Message CRC: 0x7251

No.	Time	Source	Destination	Protocol	Length	Info
3799	4.797262166	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3799: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42433, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

- time_usec (uint64): 223191940
- xacc (float): 0.200825
- yacc (float): 0.00534785
- zacc (float): -9.79895
- xgyro (float): -4.41071e-05
- ygyro (float): 4.86044e-06
- zgyro (float): -1.37272e-07
- xmag (float): 0.243732
- ymag (float): -0.00439904

zmag (float): 0.398295
abs_pressure (float): 0
diff_pressure (float): 223.192
pressure_alt (float): 3.68935e+19
temperature (float): 9.47919e-34
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2ace

No.	Time	Source	Destination	Protocol	Length	Info
3801	4.797452014	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3801: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 93992005
xacc (float): 0.100543
yacc (float): -3.58284e+31
zacc (float): -6.25324e+23
xgyro (float): -1.54147e+09
ygyro (float): 1.12432e+10
zgyro (float): -4.70504e+17
xmag (float): 0.24331
ymag (float): -0.00357433
zmag (float): 0.398511
abs_pressure (float): 101309
diff_pressure (float): 0.104231
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x95f1

No.	Time	Source	Destination	Protocol	Length	Info
3806	4.802597308	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3806: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42507, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223197433
xacc (float): 4.70018e+08
yacc (float): 3.24535e-21
zacc (float): 0
xgyro (float): -4.28075e+16
ygyro (float): -7.97735e+21
zgyro (float): 7.74132e-31
xmag (float): 2.88624e+11
ymag (float): 0
zmag (float): -1.80325e-22
abs_pressure (float): 1013.09
diff_pressure (float): 223.197
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x1f53

No.	Time	Source	Destination	Protocol	Length	Info
3811	4.808019146	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3811: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42581, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223203308
xacc (float): 0.201218

yacc (float): 0.00533565
zacc (float): -9.79772
xgyro (float): -1.03423e-05
ygyro (float): -1.12205e-05
zgyro (float): -9.20029e-06
xmag (float): 0.243128
ymag (float): -0.00431472
zmag (float): 0.397868
abs_pressure (float): 0
diff_pressure (float): 223.203
pressure_alt (float): -0
temperature (float): -8.00444e+14
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe3a9

No.	Time	Source	Destination	Protocol	Length	Info
3815	4.808195796	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 3815: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.41252
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x337f

No.	Time	Source	Destination	Protocol	Length	Info
3817	4.808228516	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3817: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 93992005
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xa20f

No.	Time	Source	Destination	Protocol	Length	Info
3821	4.819838462	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3821: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42655, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223214614
xacc (float): 0.201303
yacc (float): 0.00533694
zacc (float): -9.79765
xgyro (float): -3.82484e-06
ygyro (float): 1.16269e-05
zgyro (float): -3.29244e-06
xmag (float): 0.2444
ymag (float): -0.00406791
zmag (float): 0.398372
abs_pressure (float): 0
diff_pressure (float): 223.215

pressure_alt (float): 1.0842e-19
temperature (float): 2.143e-11
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7351

No.	Time	Source	Destination	Protocol	Length	Info
3824	4.819984256	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3824: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 94026001000

Message CRC: 0x46a7

No.	Time	Source	Destination	Protocol	Length	Info
3828	4.820024177	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3828: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94026001
xacc (float): 0.201261
yacc (float): 0.00533647
zacc (float): -9.79768
xgyro (float): 1.21978e+13
ygyro (float): -6.52137e+07
zgyro (float): -1.38327e+13
xmag (float): 0.2444
ymag (float): -0.00406792
zmag (float): 0.398372
abs_pressure (float): 101309
diff_pressure (float): 0.104231
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x5354

No.	Time	Source	Destination	Protocol	Length	Info
3831	4.820045576	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 3831: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0xc6e4

No.	Time	Source	Destination	Protocol	Length	Info
3833	4.820064754	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 3833: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0

errors_commm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0xd57e

No.	Time	Source	Destination	Protocol	Length	Info
3836	4.825231794	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3836: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42729, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223220123
xacc (float): -1.6991e+20
yacc (float): 2.75556e-39
zacc (float): 0
xgyro (float): -6.42357e+23
ygyro (float): 3.59558
zgyro (float): -3.36288e-22
xmag (float): -2.2603e+06
ymag (float): 0
zmag (float): -8.05306e+09
abs_pressure (float): 1013.09
diff_pressure (float): 223.22
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x7f0b

No.	Time	Source	Destination	Protocol	Length	Info
3838	4.825370945	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3838: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 94031510
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x2f89

No.	Time	Source	Destination	Protocol	Length	Info
3841	4.830576287	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3841: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42803, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223225738
xacc (float): 0.201378
yacc (float): 0.00534441
zacc (float): -9.79781
xgyro (float): 1.48815e-05
ygyro (float): 1.81446e-05
zgyro (float): -2.30865e-05
xmag (float): 0.243781
ymag (float): -0.00414251
zmag (float): 0.398878
abs_pressure (float): 0
diff_pressure (float): 223.226

pressure_alt (float): 2
temperature (float): 2.84747e-26
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xbd02

No.	Time	Source	Destination	Protocol	Length	Info
3845	4.842283192	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3845: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42877, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223236724
xacc (float): 0.201467
yacc (float): 0.00536285
zacc (float): -9.79793
xgyro (float): 2.4049e-05
ygyro (float): 1.61437e-05
zgyro (float): -1.24664e-05
xmag (float): 0.243079
ymag (float): -0.00343635
zmag (float): 0.398897
abs_pressure (float): 0
diff_pressure (float): 0.00176977
pressure_alt (float): 2
temperature (float): -2.73519e+25
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x2855

No.	Time	Source	Destination	Protocol	Length	Info
3848	4.842430303	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3848: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94037125
xacc (float): -8.49551e+19
yacc (float): 0.00267229
zacc (float): -4.89891
xgyro (float): -3.21179e+23
ygyro (float): -1.45929e+15
zgyro (float): -4.40588e+14
xmag (float): 0.243781
ymag (float): -0.00414252
zmag (float): 0.398878
abs_pressure (float): 101309
diff_pressure (float): 0.104231
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x9071

No.	Time	Source	Destination	Protocol	Length	Info
3852	4.847628158	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3852: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 42951, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223242370
xacc (float): -36.8785
yacc (float): 1.33027e-11
zacc (float): 0
xgyro (float): -6.75242e+26

ygyro (float): -1.02903e+09
zgyro (float): -2.82613e+32
xmag (float): 5.86813e-13
ymag (float): 0
zmag (float): -1.65436e-24
abs_pressure (float): 1013.09
diff_pressure (float): 223.242
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xb6e9

No.	Time	Source	Destination	Protocol	Length	Info
3855	4.852991828	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3855: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43025, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223248046
xacc (float): 0.201561
yacc (float): 0.00537201
zacc (float): -9.79797
xgyro (float): 2.75385e-05
ygyro (float): 1.49179e-05
zgyro (float): -1.97576e-05
xmag (float): 0.243377
ymag (float): -0.0046127
zmag (float): 0.398785
abs_pressure (float): 0
diff_pressure (float): 223.248
pressure_alt (float): 0
temperature (float): 1.72938e+18
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1ad7

No.	Time	Source	Destination	Protocol	Length	Info
3859	4.864755629	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3859: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43099, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223259307
xacc (float): 0.201568
yacc (float): 0.00533758
zacc (float): -9.79799
xgyro (float): 2.14342e-05
ygyro (float): 3.43235e-05
zgyro (float): -1.81985e-05
xmag (float): 0.243954
ymag (float): -0.00433792
zmag (float): 0.398644
abs_pressure (float): 0
diff_pressure (float): 223.259
pressure_alt (float): 2
temperature (float): 4.06819e+14
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb2ea

No.	Time	Source	Destination	Protocol	Length	Info
3861	4.864938759	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3861: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 94059433
xacc (float): -18.3385
yacc (float): 0.00268609
zacc (float): -4.89898
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.243377
ymag (float): -0.00461271
zmag (float): 0.398785
abs_pressure (float): 101309
diff_pressure (float): 0.176977
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x606a

No.	Time	Source	Destination	Protocol	Length	Info
3864	4.870082245	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3864: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43173, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223264831
xacc (float): -5.89959e-05
yacc (float): 0.000122315
zacc (float): 0
xgyro (float): 7.39699e+27
ygyro (float): -1.91802e-26
zgyro (float): -1.0725e-36
xmag (float): 290.927
ymag (float): 0
zmag (float): 3.389e+09
abs_pressure (float): 1013.09
diff_pressure (float): 223.265
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x8896

No.	Time	Source	Destination	Protocol	Length	Info
3869	4.875494706	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3869: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43247, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223270675
xacc (float): 0.201582
yacc (float): 0.00529539
zacc (float): -9.798
xgyro (float): 2.03569e-05
ygyro (float): -4.65475e-06
zgyro (float): -2.76984e-06
xmag (float): 0.243818
ymag (float): -0.00400774
zmag (float): 0.398899
abs_pressure (float): 0
diff_pressure (float): 223.271
pressure_alt (float): 3.68935e+19
temperature (float): 2.9074e-15
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x60ba

No. Time Source Destination Protocol Length Info
3873 4.887343777 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 3873: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43321, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223281845
xacc (float): 0.201614
yacc (float): 0.00525363
zacc (float): -9.79797
xgyro (float): 5.38469e-05
ygyro (float): 2.62964e-05
zgyro (float): 9.02462e-06
xmag (float): 0.244026
ymag (float): -0.00455204
zmag (float): 0.398359
abs_pressure (float): 0
diff_pressure (float): 223.282
pressure_alt (float): -3.68935e+19
temperature (float): 5.30416e+25
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x94b1

No. Time Source Destination Protocol Length Info
3875 4.887497542 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 3875: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94082062
xacc (float): 0.100761
yacc (float): 0.00270894
zacc (float): -4.899
xgyro (float): 3.69849e+27
ygyro (float): -1.31339e+19
zgyro (float): -3.3181e+19
xmag (float): 0.243818
ymag (float): -0.00400775
zmag (float): 0.398899
abs_pressure (float): 101309
diff_pressure (float): 0.176977
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x5d2e

No. Time Source Destination Protocol Length Info
3880 4.892686265 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 3880: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43395, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223287475
xacc (float): 1.95154e-11
yacc (float): -20708.8
zacc (float): 0
xgyro (float): -22.4147
ygyro (float): -1.3474e+10
zgyro (float): 1.12384e-32
xmag (float): -0.00575357
ymag (float): 0
zmag (float): 2.63311e-36

abs_pressure (float): 1013.09
diff_pressure (float): 223.287
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x4f0c

No.	Time	Source	Destination	Protocol	Length	Info
3883	4.899118098	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3883: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43469, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223293487
xacc (float): 0.20166
yacc (float): 0.00521133
zacc (float): -9.79797
xgyro (float): 3.50485e-05
ygyro (float): 1.54903e-05
zgyro (float): -1.82099e-05
xmag (float): 0.243757
ymag (float): -0.00441612
zmag (float): 0.398426
abs_pressure (float): 0
diff_pressure (float): 223.293
pressure_alt (float): 2
temperature (float): 1.10248e+19
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x754c

No.	Time	Source	Destination	Protocol	Length	Info
3887	4.910929937	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3887: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43543, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223305160
xacc (float): 0.201715
yacc (float): 0.00516855
zacc (float): -9.79799
xgyro (float): 1.84382e-05
ygyro (float): 2.29714e-05
zgyro (float): -3.7763e-06
xmag (float): 0.243998
ymag (float): -0.00431753
zmag (float): 0.398101
abs_pressure (float): 0
diff_pressure (float): 223.305
pressure_alt (float): -3.68935e+19
temperature (float): -1.10046e-28
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8469

No.	Time	Source	Destination	Protocol	Length	Info
3889	4.911069779	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3889: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 94104874
xacc (float): 0.10083
yacc (float): -10354.4

zacc (float): -4.89917
xgyro (float): 31.8337
ygyro (float): -6.737e+09
zgyro (float): -140.974
xmag (float): 0.243757
ymag (float): -0.00441613
zmag (float): 0.398426
abs_pressure (float): 101309
diff_pressure (float): 0.176977
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x6612

No.	Time	Source	Destination	Protocol	Length	Info
3890	4.911074603	127.0.0.1	127.0.0.1	MAVLink 2.0	66	VFR_HUD

Frame 3890: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.537534
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xe156

No.	Time	Source	Destination	Protocol	Length	Info
3892	4.911112564	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 3892: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.537534
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xcd42

No.	Time	Source	Destination	Protocol	Length	Info
3894	4.911130452	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3894: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 94093232
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x6a0e

No.	Time	Source	Destination	Protocol	Length	Info
3897	4.917275232	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3897: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43617, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223310806
xacc (float): 2.02173e-08
yacc (float): 1.06634e-24
zacc (float): 0
xgyro (float): -4.52746e+27
ygyro (float): -1.20375e-08
zgyro (float): -2.1917e+25
xmag (float): 8.81451e+27
ymag (float): 0
zmag (float): -1.47574e+20
abs_pressure (float): 1013.09
diff_pressure (float): 223.311
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xe426

No.	Time	Source	Destination	Protocol	Length	Info
3899	4.917423948	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3899: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 94122193000

Message CRC: 0x2d4c

No.	Time	Source	Destination	Protocol	Length	Info
3904	4.923694125	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3904: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43691, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223317764
xacc (float): 0.20187
yacc (float): 0.00513672
zacc (float): -9.798
xgyro (float): 2.15086e-05
ygyro (float): 3.07172e-05
zgyro (float): -1.80579e-05
xmag (float): 0.244093
ymag (float): -0.00407266
zmag (float): 0.398389
abs_pressure (float): 0
diff_pressure (float): 223.318
pressure_alt (float): 1.0842e-19
temperature (float): 8.69678e-34
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xceb8

No.	Time	Source	Destination	Protocol	Length	Info
3906	4.923835467	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3906: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 94129151
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan

altitude_relative (float): nan

altitude_terrain (float): nan

bottom_clearance (float): nan

Message CRC: 0xe0f5

No.	Time	Source	Destination	Protocol	Length	Info
3910	4.934437183	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3910: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43765, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223329437

xacc (float): 0.202102

yacc (float): 0.00511183

zacc (float): -9.79807

xgyro (float): 2.56283e-05

ygyro (float): 2.27859e-05

zgyro (float): -2.15252e-05

xmag (float): 0.24345

ymag (float): -0.00410588

zmag (float): 0.399111

abs_pressure (float): 0

diff_pressure (float): 223.329

pressure_alt (float): -2

temperature (float): 0.000999451

fields_updated (uint32): 511

id (uint8): 0

Message CRC: 0xb2da

No.	Time	Source	Destination	Protocol	Length	Info
3912	4.934579103	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3912: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94129151

xacc (float): 0.100935

yacc (float): 0.00256844

zacc (float): -4.899

xgyro (float): -nan

ygyro (float): -nan

zgyro (float): -nan

xmag (float): 0.244093

ymag (float): -0.00407266

zmag (float): 0.398389

abs_pressure (float): 101309

diff_pressure (float): 0.176977

pressure_alt (float): 1.32399

temperature (float): 16.8871

fields_updated (uint16): 511

id (uint8): 0

Message CRC: 0x97a6

No.	Time	Source	Destination	Protocol	Length	Info
3915	4.940865038	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3915: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43839, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223334960

xacc (float): 0

yacc (float): 9.7462e-23

zacc (float): 0

xgyro (float): -1.60157e-36

ygyro (float): -8.43921e+32

zgyro (float): -3.74134e+37
xmag (float): 2.45992e-29
ymag (float): 0
zmag (float): 8.10637e-23
abs_pressure (float): 1013.09
diff_pressure (float): 223.335
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x5567

No.	Time	Source	Destination	Protocol	Length	Info
3918	4.946250325	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3918: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43913, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223341140
xacc (float): 0.202295
yacc (float): 0.00507376
zacc (float): -9.79813
xgyro (float): 2.95524e-05
ygyro (float): 1.76894e-05
zgyro (float): -4.92812e-06
xmag (float): 0.244047
ymag (float): -0.00402275
zmag (float): 0.398585
abs_pressure (float): 0
diff_pressure (float): 0.00112068
pressure_alt (float): -1.0842e-19
temperature (float): -5.65104e-14
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x6356

No.	Time	Source	Destination	Protocol	Length	Info
3922	4.957929050	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3922: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 43987, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223352706
xacc (float): 0.202484
yacc (float): 0.00501463
zacc (float): -9.79837
xgyro (float): 8.77984e-06
ygyro (float): 1.96816e-05
zgyro (float): -1.77469e-05
xmag (float): 0.243815
ymag (float): -0.00367301
zmag (float): 0.39829
abs_pressure (float): 0
diff_pressure (float): 223.353
pressure_alt (float): 3.68935e+19
temperature (float): 1.97013e-35
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x4185

No.	Time	Source	Destination	Protocol	Length	Info
3925	4.958125666	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3925: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 94152527
xacc (float): 0.101148
yacc (float): 0.00253697
zacc (float): -4.89907
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.244047
ymag (float): -0.00402275
zmag (float): 0.398585
abs_pressure (float): 101309
diff_pressure (float): 0.112068
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0xdf1a

No.	Time	Source	Destination	Protocol	Length	Info
3930	4.958172915	127.0.0.1	127.0.0.1	MAVLink 1.0	92	ESTIMATOR_STATUS

Frame 3930: 92 bytes on wire (736 bits), 92 bytes captured (736 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (50)

Header

Payload: ESTIMATOR_STATUS (230)
time_usec (uint64): 94152527
vel_ratio (float): 0
pos_horiz_ratio (float): 0
pos_vert_ratio (float): nan
mag_ratio (float): 0
hagl_ratio (float): 0
tas_ratio (float): 0
pos_horiz_accuracy (float): 0
pos_vert_accuracy (float): 0
flags (uint16): 228

Message CRC: 0x584c

No.	Time	Source	Destination	Protocol	Length	Info
3933	4.963293541	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3933: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44061, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223358291
xacc (float): -1.0047e+06
yacc (float): -3.99559e+27
zacc (float): 0
xgyro (float): -5.37769e+09
ygyro (float): 6.67264e+21
zgyro (float): 7.4803e-34
xmag (float): -2.05419e+24
ymag (float): 0
zmag (float): -6.28837e-18
abs_pressure (float): 1013.09
diff_pressure (float): 223.358
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x80a7

No.	Time	Source	Destination	Protocol	Length	Info
3934	4.963328328	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 3934: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44135, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 223358291
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 41028

Message CRC: 0xfcda

No. Time Source Destination Protocol Length Info
3938 4.968588008 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 3938: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44186, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223363876
xacc (float): 0.202667
yacc (float): 0.00492954
zacc (float): -9.7988
xgyro (float): 7.11361e-06
ygyro (float): 1.48455e-05
zgyro (float): -1.52038e-05
xmag (float): 0.244507
ymag (float): -0.00501636
zmag (float): 0.398612
abs_pressure (float): 0
diff_pressure (float): 223.364
pressure_alt (float): -3.68935e+19
temperature (float): 359424
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe4e2

No. Time Source Destination Protocol Length Info
3941 4.968720213 127.0.0.1 127.0.0.1 MAVLink 1.0 80 GPS_RAW_INT
Frame 3941: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 94169678
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0xb6c5

No. Time Source Destination Protocol Length Info

3946 4.980275405 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 3946: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44260, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223375106
xacc (float): 0.203188
yacc (float): 0.00501781
zacc (float): -9.79716
xgyro (float): 2.50856e-06
ygyro (float): 2.65575e-05
zgyro (float): -8.33437e-06
xmag (float): 0.242952
ymag (float): -0.00340203
zmag (float): 0.398367
abs_pressure (float): 0
diff_pressure (float): 223.375
pressure_alt (float): -3.68935e+19
temperature (float): 1.49993e-35
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb87e

No.	Time	Source	Destination	Protocol	Length	Info
3949	4.980422482	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3949: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94175263
xacc (float): -502348
yacc (float): -1.9978e+27
zacc (float): -3.48681e+19
xgyro (float): 1.97172e+12
ygyro (float): 3.33632e+21
zgyro (float): 5.82298e+13
xmag (float): 0.244507
ymag (float): -0.00501637
zmag (float): 0.398612
abs_pressure (float): 101309
diff_pressure (float): 0.112068
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x3d33

No.	Time	Source	Destination	Protocol	Length	Info
3953	4.985599988	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3953: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44334, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223380462
xacc (float): -8.21833e-08
yacc (float): -1.77385e-36
zacc (float): 0
xgyro (float): -3.40021e+31
ygyro (float): -5.09536e+32
zgyro (float): 1.03689e+06
xmag (float): 6.53133e-33
ymag (float): 0
zmag (float): -2.57286e+14
abs_pressure (float): 1013.09

diff_pressure (float): 223.38
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xa420

No.	Time	Source	Destination	Protocol	Length	Info
3956	4.991949490	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3956: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44408, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223386077
xacc (float): 0.202858
yacc (float): 0.00508254
zacc (float): -9.79753
xgyro (float): 5.36858e-06
ygyro (float): 1.24434e-05
zgyro (float): -2.71636e-05
xmag (float): 0.243468
ymag (float): -0.0035347
zmag (float): 0.398263
abs_pressure (float): 0
diff_pressure (float): 223.386
pressure_alt (float): -2
temperature (float): -0.00595093
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xd469

No.	Time	Source	Destination	Protocol	Length	Info
3959	4.992084542	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3959: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94191849
xacc (float): 0.101594
yacc (float): 0.00250899
zacc (float): -4.89858
xgyro (float): -1.70011e+31
ygyro (float): -2.54768e+32
zgyro (float): -5.26423e+24
xmag (float): 0.242952
ymag (float): -0.00340204
zmag (float): 0.398367
abs_pressure (float): 101309
diff_pressure (float): 0.112068
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x852d

No.	Time	Source	Destination	Protocol	Length	Info
3964	5.005776223	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3964: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44482, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223397415
xacc (float): 0.202657
yacc (float): 0.00512581
zacc (float): -9.7976

xgyro (float): 2.06232e-05
ygyro (float): 1.62777e-05
zgyro (float): -1.34659e-05
xmag (float): 0.24406
ymag (float): -0.0034613
zmag (float): 0.398967
abs_pressure (float): 0
diff_pressure (float): 223.397
pressure_alt (float): -1.0842e-19
temperature (float): 8.82901e+08
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x7793

No.	Time	Source	Destination	Protocol	Length	Info
3966	5.005917510	127.0.0.1	127.0.0.1	MAVLink 2.0	63	HEARTBEAT

Frame 3966: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (21)

Header

Payload: HEARTBEAT (0)
custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3

Message CRC: 0x4765

No.	Time	Source	Destination	Protocol	Length	Info
3969	5.005954330	127.0.0.1	127.0.0.1	MAVLink 2.0	86	ALTITUDE

Frame 3969: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (44)

Header

Payload: ALTITUDE (141)
time_usec (uint64): 94208802
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x91cc

No.	Time	Source	Destination	Protocol	Length	Info
3971	5.005971914	127.0.0.1	127.0.0.1	MAVLink 2.0	95	BATTERY_STATUS

Frame 3971: 95 bytes on wire (760 bits), 95 bytes captured (760 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (53)

Header

Payload: BATTERY_STATUS (147)
current_consumed (int32): 0
energy_consumed (int32): -1
temperature (int16): 32767
voltages[0] (uint16): 4050
voltages[1] (uint16): 4050
voltages[2] (uint16): 4050
voltages[3] (uint16): 4050
voltages[4] (uint16): 65535
voltages[5] (uint16): 65535
voltages[6] (uint16): 65535
voltages[7] (uint16): 65535
voltages[8] (uint16): 65535
voltages[9] (uint16): 65535
current_battery (int16): -100
id (uint8): 0
battery_function (uint8): 1

type (uint8): 1
battery_remaining (int8): 100
time_remaining (int32): 0
charge_state (uint8): 1
voltages_ext[0] (uint16): 0
voltages_ext[1] (uint16): 0
voltages_ext[2] (uint16): 0
voltages_ext[3] (uint16): 0
mode (uint8): 0
fault_bitmask (uint32): 0

Message CRC: 0xe2b4

No.	Time	Source	Destination	Protocol	Length	Info
3973	5.005988405	127.0.0.1	127.0.0.1	MAVLink 2.0	95	ESTIMATOR_STATUS

Frame 3973: 95 bytes on wire (760 bits), 95 bytes captured (760 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (53)

Header

Payload: ESTIMATOR_STATUS (230)
time_usec (uint64): 94197464
vel_ratio (float): 0
pos_horiz_ratio (float): 0
pos_vert_ratio (float): nan
mag_ratio (float): 0
hagl_ratio (float): 0
tas_ratio (float): 0
pos_horiz_accuracy (float): 0
pos_vert_accuracy (float): 0
flags (uint16): 228

Message CRC: 0x8df3

No.	Time	Source	Destination	Protocol	Length	Info
3974	5.006026664	127.0.0.1	127.0.0.1	MAVLink 2.0	56	EXTENDED_SYS_STATE

Frame 3974: 56 bytes on wire (448 bits), 56 bytes captured (448 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (14)

Header

Payload: EXTENDED_SYS_STATE (245)
vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0xea9c

No.	Time	Source	Destination	Protocol	Length	Info
3975	5.006052312	127.0.0.1	127.0.0.1	MAVLink 2.0	97	GPS_RAW_INT

Frame 3975: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (55)

Header

Payload: GPS_RAW_INT (24)
time_usec (uint64): 94169678
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 10
v_acc (uint32): 10
vel_acc (uint32): 250
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0xade8

No.	Time	Source	Destination	Protocol	Length	Info
3976	5.006068315	127.0.0.1	127.0.0.1	MAVLink 2.0	85	SYS_STATUS

Frame 3976: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (43)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0
errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x369d

No.	Time	Source	Destination	Protocol	Length	Info
3977	5.006081809	127.0.0.1	127.0.0.1	MAVLink 2.0	86	WIND_COV

Frame 3977: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (44)

Header

Payload: WIND_COV (231)

time_usec (uint64): 94191849
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xc57e

No.	Time	Source	Destination	Protocol	Length	Info
3981	5.017468240	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3981: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44556, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223406234
xacc (float): 6.59949e+36
yacc (float): 3.26629e+12
zacc (float): 0
xgyro (float): -1.74225e-23
ygyro (float): 1.03441e-10
zgyro (float): -2.13832e-16
xmag (float): 7.60247e+16
ymag (float): 0
zmag (float): -2.91038e-11
abs_pressure (float): 1013.09
diff_pressure (float): 223.406
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x0b86

No.	Time	Source	Destination	Protocol	Length	Info
3983	5.017623565	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 3983: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94208802
xacc (float): 0.202757
yacc (float): 0.00510435
zacc (float): -9.79757
xgyro (float): 2.42172e+24
ygyro (float): -1.61605e+23
zgyro (float): 1.435e+24
xmag (float): 0.24406
ymag (float): -0.00346131
zmag (float): 0.398967
abs_pressure (float): 101309
diff_pressure (float): 0.112068
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x02ed

No.	Time	Source	Destination	Protocol	Length	Info
3985	5.017704073	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 3985: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.427749
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0xf3af

No.	Time	Source	Destination	Protocol	Length	Info
3987	5.017729177	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 3987: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 94191849
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x8b5e

No.	Time	Source	Destination	Protocol	Length	Info
3990	5.025186210	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 3990: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44630, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223417480
xacc (float): 0.202464
yacc (float): 0.00517445
zacc (float): -9.79768
xgyro (float): -1.6938e-05
ygyro (float): 1.87689e-05

zgyro (float): -2.40523e-05
xmag (float): 0.243616
ymag (float): -0.00438572
zmag (float): 0.39838
abs_pressure (float): 0
diff_pressure (float): 223.417
pressure_alt (float): 0
temperature (float): 9.46633e-29
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x2d03

No.	Time	Source	Destination	Protocol	Length	Info
3992	5.025423308	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 3992: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 94228867000

Message CRC: 0xbd6b

No.	Time	Source	Destination	Protocol	Length	Info
3994	5.025460278	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 3994: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 94228867
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x915d

No.	Time	Source	Destination	Protocol	Length	Info
3996	5.025481940	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 3996: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0
landed_state (uint8): 1

Message CRC: 0x9a7a

No.	Time	Source	Destination	Protocol	Length	Info
3998	5.025502007	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 3998: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532671
onboard_control_sensors_enabled (uint32): 270598207
onboard_control_sensors_health (uint32): 270532639
load (uint16): 0
voltage_battery (uint16): 16200
current_battery (int16): -100
drop_rate_comm (uint16): 0
errors_comm (uint16): 0
errors_count1 (uint16): 0
errors_count2 (uint16): 0

errors_count3 (uint16): 0
errors_count4 (uint16): 0
battery_remaining (int8): 100

Message CRC: 0x5b86

No. Time Source Destination Protocol Length Info
4002 5.037211356 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4002: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44704, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223431655
xacc (float): 0.202317
yacc (float): 0.00519038
zacc (float): -9.79776
xgyro (float): -6.03635e-06
ygyro (float): 3.07648e-05
zgyro (float): -3.66394e-05
xmag (float): 0.243501
ymag (float): -0.00414934
zmag (float): 0.398297
abs_pressure (float): 1013.09
diff_pressure (float): 223.432
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x44d9

No. Time Source Destination Protocol Length Info
4005 5.037374257 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 4005: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94228867
xacc (float): 3.29975e+36
yacc (float): 1.63315e+12
zacc (float): 28498.9
xgyro (float): -8.469e-06
ygyro (float): 9.38452e-06
zgyro (float): -1.20261e-05
xmag (float): 0.243616
ymag (float): -0.00438573
zmag (float): 0.39838
abs_pressure (float): 101309
diff_pressure (float): 0.112068
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x95d7

No. Time Source Destination Protocol Length Info
4010 5.047878884 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4010: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44778, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223442840
xacc (float): 0.202344
yacc (float): 0.00518453
zacc (float): -9.79773
xgyro (float): 1.63772e-05
ygyro (float): 4.37966e-05

zgyro (float): -2.48235e-05
xmag (float): 0.244027
ymag (float): -0.00358366
zmag (float): 0.39765
abs_pressure (float): -9.68371e+26
diff_pressure (float): -0.000309905
pressure_alt (float): -2
temperature (float): 2.43017e-09
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x1608

No.	Time	Source	Destination	Protocol	Length	Info
4014	5.057599589	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4014: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44852, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223453323
xacc (float): 0.202459
yacc (float): 0.00515557
zacc (float): -9.79771
xgyro (float): 2.68508e-05
ygyro (float): 3.1553e-05
zgyro (float): -3.09267e-05
xmag (float): 0.243444
ymag (float): -0.00397844
zmag (float): 0.398177
abs_pressure (float): 1013.09
diff_pressure (float): 223.453
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xac0b

No.	Time	Source	Destination	Protocol	Length	Info
4016	5.057745207	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4016: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94254227
xacc (float): 0.202331
yacc (float): 0.00518762
zacc (float): -9.79775
xgyro (float): 5.17043e-06
ygyro (float): 3.72807e-05
zgyro (float): -3.07315e-05
xmag (float): 0.243501
ymag (float): -0.00414934
zmag (float): 0.398297
abs_pressure (float): 101309
diff_pressure (float): -0.0309905
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x4969

No.	Time	Source	Destination	Protocol	Length	Info
4022	5.068242525	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4022: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 44926, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223463485
xacc (float): 0.20257
yacc (float): 0.00512834
zacc (float): -9.79774
xgyro (float): -4.63131e-06
ygyro (float): 3.19402e-05
zgyro (float): -2.23899e-05
xmag (float): 0.243729
ymag (float): -0.00400171
zmag (float): 0.398871
abs_pressure (float): 0
diff_pressure (float): 223.463
pressure_alt (float): -3.68935e+19
temperature (float): 1.24356e+36
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x21d9

No.	Time	Source	Destination	Protocol	Length	Info
4030	5.078988432	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4030: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45000, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223473480
xacc (float): 8.50334e-35
yacc (float): -9.11677e-10
zacc (float): 0
xgyro (float): -2.29841e+24
ygyro (float): 5.24917e+37
zgyro (float): -638571
xmag (float): -2.0347e+33
ymag (float): 0
zmag (float): 7.27014e-27
abs_pressure (float): 1013.09
diff_pressure (float): 223.473
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x827d

No.	Time	Source	Destination	Protocol	Length	Info
4032	5.079157405	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4032: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 94274872
xacc (float): 0.202514
yacc (float): 0.00514213
zacc (float): -9.79773
xgyro (float): 1.11097e-05
ygyro (float): 3.17466e-05
zgyro (float): -2.66583e-05
xmag (float): 0.243729
ymag (float): -0.00400171
zmag (float): 0.398871
abs_pressure (float): 101309
diff_pressure (float): -0.0309905
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x18b3

No.	Time	Source	Destination	Protocol	Length	Info
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4035 5.083180245 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4035: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45074, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223478820
xacc (float): 0.202419
yacc (float): 0.00505307
zacc (float): -9.7972
xgyro (float): 9.11576e-06
ygyro (float): 2.83242e-05
zgyro (float): -2.2186e-05
xmag (float): 0.244384
ymag (float): -0.00417585
zmag (float): 0.399302
abs_pressure (float): 0
diff_pressure (float): 223.479
pressure_alt (float): -0
temperature (float): 1.26157e+06
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xb671

No.	Time	Source	Destination	Protocol	Length	Info
4039	5.093899379	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4039: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45148, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223488830
xacc (float): 0.20237
yacc (float): 0.00496151
zacc (float): -9.79739
xgyro (float): 1.09737e-05
ygyro (float): 2.19538e-05
zgyro (float): -3.9839e-05
xmag (float): 0.2437
ymag (float): -0.0046934
zmag (float): 0.398562
abs_pressure (float): 0
diff_pressure (float): 223.489
pressure_alt (float): -0
temperature (float): 1.34584e+37
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6535

No.	Time	Source	Destination	Protocol	Length	Info
4041	5.094046107	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4041: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 94290207
xacc (float): 0.10121
yacc (float): 0.00252662
zacc (float): -4.8986
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.244384
ymag (float): -0.00417586
zmag (float): 0.399302
abs_pressure (float): 101309

diff_pressure (float): -0.0309905
pressure_alt (float): 1.3193
temperature (float): 16.887
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x45c8

No.	Time	Source	Destination	Protocol	Length	Info
4044	5.098167397	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4044: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45222, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223494064
xacc (float): 1.40989e-11
yacc (float): -3.79351e-31
zacc (float): 0
xgyro (float): 5.0527e-27
ygyro (float): -3.43187e-06
zgyro (float): -1.61724e-22
xmag (float): 1.23017e+23
ymag (float): 0
zmag (float): 2.9976e-15
abs_pressure (float): 1013.09
diff_pressure (float): 223.494
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x05ab

No.	Time	Source	Destination	Protocol	Length	Info
4047	5.103529232	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4047: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45296, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223499084
xacc (float): 0.202353
yacc (float): 0.00488574
zacc (float): -9.79752
xgyro (float): 1.52607e-05
ygyro (float): 1.65637e-05
zgyro (float): -3.0783e-05
xmag (float): 0.243625
ymag (float): -0.00352263
zmag (float): 0.398631
abs_pressure (float): 0
diff_pressure (float): 223.499
pressure_alt (float): -0
temperature (float): -6.25555e-24
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x09ae

No.	Time	Source	Destination	Protocol	Length	Info
4053	5.114214930	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4053: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45370, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223509216
xacc (float): 0.20216
yacc (float): 0.00480489
zacc (float): -9.79764

xgyro (float): 1.35653e-05
ygyro (float): 6.35941e-06
zgyro (float): -3.21569e-05
xmag (float): 0.24367
ymag (float): -0.00497981
zmag (float): 0.399178
abs_pressure (float): 0
diff_pressure (float): 223.509
pressure_alt (float): -0
temperature (float): -4.9375
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x13bd

No.	Time	Source	Destination	Protocol	Length	Info
4055	5.114352918	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 4055: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0
ts1 (int64): 94320603000

Message CRC: 0x9b80

No.	Time	Source	Destination	Protocol	Length	Info
4057	5.114392626	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4057: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94320603
xacc (float): 0.202256
yacc (float): 0.00484548
zacc (float): -9.79758
xgyro (float): 1.4413e-05
ygyro (float): 1.14616e-05
zgyro (float): -3.147e-05
xmag (float): 0.24367
ymag (float): -0.00497981
zmag (float): 0.399178
abs_pressure (float): 101309
diff_pressure (float): -0.0309905
pressure_alt (float): 1.3193
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x1d83

No.	Time	Source	Destination	Protocol	Length	Info
4059	5.114417985	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 4059: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.224937
groundspeed (float): 0
alt (float): 1.3193
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x088d

No.	Time	Source	Destination	Protocol	Length	Info
4061	5.114434825	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 4061: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 94300217

wind_x (float): 0

wind_y (float): 0

wind_z (float): 0

var_horiz (float): 0

var_vert (float): 0

wind_alt (float): nan

horiz_accuracy (float): 0

vert_accuracy (float): 0

Message CRC: 0x0748

No.	Time	Source	Destination	Protocol	Length	Info
4064	5.118467921	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4064: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45444, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223514129

xacc (float): 0

yacc (float): 4.17928e+16

zacc (float): 0

xgyro (float): 1.1562e-19

ygyro (float): -3.9429e+18

zgyro (float): -3.44962e-36

xmag (float): 0

ymag (float): 0

zmag (float): 3.08758e+24

abs_pressure (float): 1013.09

diff_pressure (float): 223.514

pressure_alt (float): 1019.56

temperature (float): 16.8871

fields_updated (uint32): 6719

id (uint8): 0

Message CRC: 0x5e71

No.	Time	Source	Destination	Protocol	Length	Info
4068	5.129138609	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4068: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45518, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223524154

xacc (float): 0.20193

yacc (float): 0.00471576

zacc (float): -9.79771

xgyro (float): 9.90106e-06

ygyro (float): 1.93802e-05

zgyro (float): -2.77874e-05

xmag (float): 0.243668

ymag (float): -0.00421457

zmag (float): 0.398296

abs_pressure (float): 0

diff_pressure (float): 223.524

pressure_alt (float): -3.68935e+19

temperature (float): 2.68108e+32

fields_updated (uint32): 511

id (uint8): 0

Message CRC: 0x4e7e

No.	Time	Source	Destination	Protocol	Length	Info
4070	5.129294504	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 4070: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 94335541
altitude_monotonic (float): 1.3193
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xc6f5

No.	Time	Source	Destination	Protocol	Length	Info
4074	5.138730168	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4074: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45592, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223534423
xacc (float): 0.201813
yacc (float): 0.00466041
zacc (float): -9.7977
xgyro (float): 1.82972e-05
ygyro (float): 2.4315e-06
zgyro (float): -3.35409e-05
xmag (float): 0.243928
ymag (float): -0.00459649
zmag (float): 0.398412
abs_pressure (float): 1013.09
diff_pressure (float): 223.534
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xb469

No.	Time	Source	Destination	Protocol	Length	Info
4078	5.138890407	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4078: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94335541
xacc (float): 0.100965
yacc (float): 2.08964e+16
zacc (float): 3.64711e+08
xgyro (float): -1.76342e+09
ygyro (float): -1.97145e+18
zgyro (float): -3.58871e+10
xmag (float): 0.243668
ymag (float): -0.00421458
zmag (float): 0.398296
abs_pressure (float): 101309
diff_pressure (float): -0.0309905
pressure_alt (float): 1.3193
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xa2c6

No.	Time	Source	Destination	Protocol	Length	Info
4082	5.149394751	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4082: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45666, Ack: 1, Len: 74

MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223544540
xacc (float): 0.201763
yacc (float): 0.00463216
zacc (float): -9.79764
xgyro (float): -2.49343e-06
ygyro (float): 2.37245e-05
zgyro (float): -2.46551e-05
xmag (float): 0.243985
ymag (float): -0.00402009
zmag (float): 0.399019
abs_pressure (float): 9.51399e-10
diff_pressure (float): 3.95553e-05
pressure_alt (float): -3.68935e+19
temperature (float): -9.89437e-05
fields_updated (uint32): 1535
id (uint8): 0

Message CRC: 0x15c5

No.	Time	Source	Destination	Protocol	Length	Info
4093	5.164312027	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4093: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45740, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223559356
xacc (float): 0.202025
yacc (float): 0.00464724
zacc (float): -9.79815
xgyro (float): -9.78544e-06
ygyro (float): 1.53695e-05
zgyro (float): -3.26495e-05
xmag (float): 0.243377
ymag (float): -0.00405587
zmag (float): 0.398022
abs_pressure (float): 1013.09
diff_pressure (float): 223.559
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x58de

No.	Time	Source	Destination	Protocol	Length	Info
4094	5.164345902	127.0.0.1	127.0.0.1	MAVLink 2.0	117	HIL_GPS

Frame 4094: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45814, Ack: 1, Len: 51
MAVLink Protocol (51)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 223559356
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 9260

Message CRC: 0x2f94

No. Time Source Destination Protocol Length Info
4099 5.164459799 127.0.0.1 127.0.0.1 MAVLink 2.0 66 VFR_HUD
Frame 4099: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 18570, Dst Port: 14550
MAVLink Protocol (24)

Header

Payload: VFR_HUD (74)

airspeed (float): -0.224937
groundspeed (float): 0
alt (float): 1.3193
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x65d5

No. Time Source Destination Protocol Length Info
4100 5.164459384 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 4100: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94355927
xacc (float): 0.201788
yacc (float): 0.00464646
zacc (float): -9.79767
xgyro (float): 7.90188e-06
ygyro (float): 1.3078e-05
zgyro (float): -2.9098e-05
xmag (float): 0.243985
ymag (float): -0.0040201
zmag (float): 0.399019
abs_pressure (float): 101309
diff_pressure (float): 0.00395553
pressure_alt (float): 1.3193
temperature (float): 16.8871
fields_updated (uint16): 8191
id (uint8): 0

Message CRC: 0xd8d5

No. Time Source Destination Protocol Length Info
4104 5.164502785 127.0.0.1 127.0.0.1 MAVLink 1.0 80 GPS_RAW_INT
Frame 4104: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 94370743
lat (int32): 295401477
lon (int32): -984775390
alt (int32): 1019
eph (uint16): 0
epv (uint16): 0
vel (uint16): 0
cog (uint16): 29534
fix_type (uint8): 3
satellites_visible (uint8): 8
alt_ellipsoid (int32): 0
h_acc (uint32): 0
v_acc (uint32): 0
vel_acc (uint32): 0
hdg_acc (uint32): 0
yaw (uint16): 0

Message CRC: 0x74f5

No. Time Source Destination Protocol Length Info
4109 5.179353762 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4109: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45865, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223574127
xacc (float): 0.202005
yacc (float): 0.0046727
zacc (float): -9.79794
xgyro (float): -2.12256e-05
ygyro (float): 3.20064e-05
zgyro (float): -1.67977e-05
xmag (float): 0.243716
ymag (float): -0.0051114
zmag (float): 0.398242
abs_pressure (float): 0
diff_pressure (float): 223.574
pressure_alt (float): 2
temperature (float): -4.1253e+18
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x9798

No.	Time	Source	Destination	Protocol	Length	Info
4114	5.183613598	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4114: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 45939, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223579376
xacc (float): 0
yacc (float): 7.57507e-19
zacc (float): 0
xgyro (float): 5.50646e-07
ygyro (float): -3.08795e+14
zgyro (float): 1.2921e-31
xmag (float): 7.49232e+34
ymag (float): 0
zmag (float): 9.82277e-25
abs_pressure (float): 1013.09
diff_pressure (float): 223.579
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xc89c

No.	Time	Source	Destination	Protocol	Length	Info
4116	5.183737691	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4116: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 94385514
xacc (float): 0.202015
yacc (float): 0.00466014
zacc (float): -9.79805
xgyro (float): -1.55055e-05
ygyro (float): 2.3688e-05
zgyro (float): -2.47236e-05
xmag (float): 0.243716
ymag (float): -0.0051114
zmag (float): 0.398242
abs_pressure (float): 101309
diff_pressure (float): 0.00395553
pressure_alt (float): 1.3193

temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x1b9a

No. Time Source Destination Protocol Length Info
4119 5.188998760 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4119: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46013, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223584426
xacc (float): 0.201951
yacc (float): 0.00466589
zacc (float): -9.79785
xgyro (float): -3.38065e-06
ygyro (float): -2.82435e-06
zgyro (float): -2.51763e-05
xmag (float): 0.243912
ymag (float): -0.00395624
zmag (float): 0.398494
abs_pressure (float): 0
diff_pressure (float): 223.584
pressure_alt (float): -1.0842e-19
temperature (float): 2.67319e+13
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8f78

No. Time Source Destination Protocol Length Info
4127 5.199706072 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4127: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46087, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223594436
xacc (float): 0.201882
yacc (float): 0.00464689
zacc (float): -9.7978
xgyro (float): -3.32771e-05
ygyro (float): 2.5811e-05
zgyro (float): -1.5361e-05
xmag (float): 0.244387
ymag (float): -0.00438349
zmag (float): 0.397697
abs_pressure (float): 0
diff_pressure (float): 223.594
pressure_alt (float): -1.0842e-19
temperature (float): -2.43751e-33
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x6d2a

No. Time Source Destination Protocol Length Info
4130 5.203993905 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4130: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46161, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223599670
xacc (float): 8.72969e+25
yacc (float): 1.53471e+20
zacc (float): 0
xgyro (float): -113825
ygyro (float): -1.63703e-23

zgyro (float): 5.32759e+15
xmag (float): -7.14216e-35
ymag (float): 0
zmag (float): 5.79821e+10
abs_pressure (float): 1013.09
diff_pressure (float): 223.6
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x92c9

No.	Time	Source	Destination	Protocol	Length	Info
4132	5.204124073	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4132: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 94405823
xacc (float): 0.201917
yacc (float): 0.00465656
zacc (float): -9.79783
xgyro (float): 1.31697e+06
ygyro (float): 0.0207971
zgyro (float): -1.19093e+06
xmag (float): 0.244387
ymag (float): -0.0043835
zmag (float): 0.397697
abs_pressure (float): 101309
diff_pressure (float): 0.00395553
pressure_alt (float): 1.3193
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xecd8

No.	Time	Source	Destination	Protocol	Length	Info
4137	5.209329649	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4137: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46235, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223604629
xacc (float): 0.2018
yacc (float): 0.00462066
zacc (float): -9.79775
xgyro (float): -2.11415e-05
ygyro (float): 9.57682e-06
zgyro (float): -4.99804e-05
xmag (float): 0.244504
ymag (float): -0.00377678
zmag (float): 0.398982
abs_pressure (float): 0
diff_pressure (float): 223.605
pressure_alt (float): 1.0842e-19
temperature (float): 4.84945e-13
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x1558

No.	Time	Source	Destination	Protocol	Length	Info
4139	5.209457149	127.0.0.1	127.0.0.1	MAVLink 1.0	70	VFR_HUD

Frame 4139: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)
airspeed (float): 0.0803617
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x54ad

No.	Time	Source	Destination	Protocol	Length	Info
4141	5.209495786	127.0.0.1	127.0.0.1	MAVLink 1.0	90	WIND_COV

Frame 4141: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header
Payload: WIND_COV (231)
time_usec (uint64): 94395813
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0xf479

No.	Time	Source	Destination	Protocol	Length	Info
4145	5.218906071	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4145: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46309, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 223614837
xacc (float): 0.201707
yacc (float): 0.00459194
zacc (float): -9.79768
xgyro (float): -1.9864e-05
ygyro (float): 1.41714e-06
zgyro (float): -1.54127e-05
xmag (float): 0.244035
ymag (float): -0.00394085
zmag (float): 0.398783
abs_pressure (float): 0
diff_pressure (float): 223.615
pressure_alt (float): -2
temperature (float): -2.45412e+26
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x832d

No.	Time	Source	Destination	Protocol	Length	Info
4147	5.219052652	127.0.0.1	127.0.0.1	MAVLink 1.0	59	HEARTBEAT

Frame 4147: 59 bytes on wire (472 bits), 59 bytes captured (472 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (17)

Header
Payload: HEARTBEAT (0)
custom_mode (uint32): 65536
type (uint8): 1
autopilot (uint8): 12
base_mode (uint8): 65
system_status (uint8): 3
mavlink_version (uint8): 3

Message CRC: 0xf4e7

No.	Time	Source	Destination	Protocol	Length	Info
4151	5.219095017	127.0.0.1	127.0.0.1	MAVLink 1.0	66	TIMESYNC

Frame 4151: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0

ts1 (int64): 94426224000

Message CRC: 0x8f2a

No.	Time	Source	Destination	Protocol	Length	Info
4153	5.219116856	127.0.0.1	127.0.0.1	MAVLink 1.0	86	BATTERY_STATUS

Frame 4153: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (44)

Header

Payload: BATTERY_STATUS (147)

current_consumed (int32): 0

energy_consumed (int32): -1

temperature (int16): 32767

voltages[0] (uint16): 4050

voltages[1] (uint16): 4050

voltages[2] (uint16): 4050

voltages[3] (uint16): 4050

voltages[4] (uint16): 65535

voltages[5] (uint16): 65535

voltages[6] (uint16): 65535

voltages[7] (uint16): 65535

voltages[8] (uint16): 65535

voltages[9] (uint16): 65535

current_battery (int16): -100

id (uint8): 0

battery_function (uint8): 1

type (uint8): 1

battery_remaining (int8): 100

time_remaining (int32): 0

charge_state (uint8): 0

voltages_ext[0] (uint16): 0

voltages_ext[1] (uint16): 0

voltages_ext[2] (uint16): 0

voltages_ext[3] (uint16): 0

mode (uint8): 0

fault_bitmask (uint32): 0

Message CRC: 0x7bf6

No.	Time	Source	Destination	Protocol	Length	Info
4155	5.219133360	127.0.0.1	127.0.0.1	MAVLink 1.0	83	COMMAND_LONG

Frame 4155: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (41)

Header

Payload: COMMAND_LONG (76)

param1 (float): 0

param2 (float): 0

param3 (float): 0

param4 (float): 0

param5 (float): 0

param6 (float): 0

param7 (float): 0

command (uint16): 200

target_system (uint8): 0

target_component (uint8): 0

confirmation (uint8): 0

Message CRC: 0xbb66

No.	Time	Source	Destination	Protocol	Length	Info
4157	5.219150447	127.0.0.1	127.0.0.1	MAVLink 1.0	52	EXTENDED_SYS_STATE

Frame 4157: 52 bytes on wire (416 bits), 52 bytes captured (416 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (10)

Header

Payload: EXTENDED_SYS_STATE (245)

vtol_state (uint8): 0

landed_state (uint8): 1

Message CRC: 0x7fd8

No.	Time	Source	Destination	Protocol	Length	Info
4159	5.219167149	127.0.0.1	127.0.0.1	MAVLink 1.0	64	PING

Frame 4159: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (22)

Header

Payload: PING (4)

time_usec (uint64): 94426224

seq (uint32): 93

target_system (uint8): 0

target_component (uint8): 0

Message CRC: 0xfa60

No.	Time	Source	Destination	Protocol	Length	Info
4161	5.219184399	127.0.0.1	127.0.0.1	MAVLink 1.0	81	SYS_STATUS

Frame 4161: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (39)

Header

Payload: SYS_STATUS (1)

onboard_control_sensors_present (uint32): 270532669

onboard_control_sensors_enabled (uint32): 270598207

onboard_control_sensors_health (uint32): 2097181

load (uint16): 0

voltage_battery (uint16): 16200

current_battery (int16): -100

drop_rate_comm (uint16): 0

errors_comm (uint16): 0

errors_count1 (uint16): 0

errors_count2 (uint16): 0

errors_count3 (uint16): 0

errors_count4 (uint16): 0

battery_remaining (int8): 100

Message CRC: 0xabfe

No.	Time	Source	Destination	Protocol	Length	Info
4163	5.219201030	127.0.0.1	127.0.0.1	MAVLink 1.0	62	SYSTEM_TIME

Frame 4163: 62 bytes on wire (496 bits), 62 bytes captured (496 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (20)

Header

Payload: SYSTEM_TIME (2)

time_unix_usec (uint64): 1647986462859235

time_boot_ms (uint32): 94426

Message CRC: 0x497a

No.	Time	Source	Destination	Protocol	Length	Info
4165	5.219218164	127.0.0.1	127.0.0.1	MAVLink 1.0	82	VIBRATION

Frame 4165: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0

Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1

User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (40)

Header

Payload: VIBRATION (241)

time_usec (uint64): 94426224

vibration_x (float): -nan

vibration_y (float): -nan

vibration_z (float): nan

clipping_0 (uint32): 1932

clipping_1 (uint32): 0
clipping_2 (uint32): 0
Message CRC: 0xfdc4

No.	Time	Source	Destination	Protocol	Length	Info
4168	5.224260054	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4168: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46383, Ack: 1, Len: 74
MAVLink Protocol (74)

Header
Payload: HIL_SENSOR (107)
time_usec (uint64): 223619674
xacc (float): 7.38603e-22
yacc (float): -3.79351e-31
zacc (float): 0
xgyro (float): -2.43811e+18
ygyro (float): -1.90896e+32
zgyro (float): -2.61436e-17
xmag (float): 1.10642e-10
ymag (float): 0
zmag (float): 7.76535e-31
abs_pressure (float): 1013.09
diff_pressure (float): 223.62
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0x9f92

No.	Time	Source	Destination	Protocol	Length	Info
4170	5.224395164	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4170: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header
Payload: HIGHRES_IMU (105)
time_usec (uint64): 94426224
xacc (float): 0.201753
yacc (float): 0.00460647
zacc (float): -9.79772
xgyro (float): -6.05115e+06
ygyro (float): -2.25697e+07
zgyro (float): -0.394078
xmag (float): 0.244504
ymag (float): -0.00377678
zmag (float): 0.398982
abs_pressure (float): 101309
diff_pressure (float): 0.00395553
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0xbcbe

No.	Time	Source	Destination	Protocol	Length	Info
4172	5.224428899	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 4172: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header
Payload: ALTITUDE (141)
time_usec (uint64): 94431061
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0xc545

No. Time Source Destination Protocol Length Info
4176 5.233884145 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4176: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46457, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223629547
xacc (float): 0.201534
yacc (float): 0.00454492
zacc (float): -9.79758
xgyro (float): -1.64247e-05
ygyro (float): 6.71893e-06
zgyro (float): 8.82082e-06
xmag (float): 0.244413
ymag (float): -0.0041543
zmag (float): 0.398819
abs_pressure (float): 0
diff_pressure (float): 223.63
pressure_alt (float): 2
temperature (float): -5.19519e+13
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x84a4

No. Time Source Destination Protocol Length Info
4181 5.248820570 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4181: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46531, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223644271
xacc (float): 0.2013
yacc (float): 0.00451026
zacc (float): -9.79741
xgyro (float): -1.61648e-05
ygyro (float): -1.35689e-05
zgyro (float): 2.34621e-06
xmag (float): 0.243955
ymag (float): -0.00447673
zmag (float): 0.397999
abs_pressure (float): 1013.09
diff_pressure (float): 223.644
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x3c2b

No. Time Source Destination Protocol Length Info
4184 5.248954872 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 4184: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94440934
xacc (float): 0.100767
yacc (float): 0.00227255
zacc (float): -4.89879
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.244413
ymag (float): -0.00415431

zmag (float): 0.398819
abs_pressure (float): 101309
diff_pressure (float): 0.00395553
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x3cc6

No.	Time	Source	Destination	Protocol	Length	Info
4192	5.254161801	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4192: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46605, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223649230
xacc (float): 3.23965e-30
yacc (float): -1.80719e+31
zacc (float): 0
xgyro (float): -1.72158e+23
ygyro (float): 1.81253e+33
zgyro (float): 1.1408e+06
xmag (float): 46626
ymag (float): 0
zmag (float): 1.03763e+20
abs_pressure (float): nan
diff_pressure (float): 0.000951583
pressure_alt (float): -0
temperature (float): -6.19393e-21
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0x2950

No.	Time	Source	Destination	Protocol	Length	Info
4195	5.259522103	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4195: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46679, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223654479
xacc (float): 0.201054
yacc (float): 0.00445956
zacc (float): -9.79739
xgyro (float): -3.28928e-06
ygyro (float): -1.15904e-05
zgyro (float): -1.7521e-05
xmag (float): 0.244053
ymag (float): -0.00384997
zmag (float): 0.398587
abs_pressure (float): 0
diff_pressure (float): 223.654
pressure_alt (float): -0
temperature (float): -1.04185e-19
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x8099

No.	Time	Source	Destination	Protocol	Length	Info
4198	5.268528198	127.0.0.1	127.0.0.1	MAVLink 2.0	63	HEARTBEAT

Frame 4198: 63 bytes on wire (504 bits), 63 bytes captured (504 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14550, Dst Port: 18570
MAVLink Protocol (21)

Header

Payload: HEARTBEAT (0)

custom_mode (uint32): 0
type (uint8): 6

autopilot (uint8): 8
base_mode (uint8): 192
system_status (uint8): 4
mavlink_version (uint8): 3

Message CRC: 0xbefb

No.	Time	Source	Destination	Protocol	Length	Info
4200	5.269121114	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4200: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46753, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223664581
xacc (float): 0.200893
yacc (float): 0.00439757
zacc (float): -9.79762
xgyro (float): 2.68683e-05
ygyro (float): -1.70364e-05
zgyro (float): -9.40094e-06
xmag (float): 0.244156
ymag (float): -0.00396531
zmag (float): 0.398197
abs_pressure (float): 1013.09
diff_pressure (float): 223.665
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x4076

No.	Time	Source	Destination	Protocol	Length	Info
4202	5.269227424	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4202: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94465866
xacc (float): 0.100527
yacc (float): -9.03596e+30
zacc (float): -1.57707e+23
xgyro (float): -nan
ygyro (float): -nan
zgyro (float): -nan
xmag (float): 0.244053
ymag (float): -0.00384997
zmag (float): 0.398587
abs_pressure (float): 101309
diff_pressure (float): 0.0951583
pressure_alt (float): 1.32399
temperature (float): 16.887
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x3cc5

No.	Time	Source	Destination	Protocol	Length	Info
4208	5.279689479	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4208: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46827, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223674636
xacc (float): 0.200805
yacc (float): 0.00435075
zacc (float): -9.7978
xgyro (float): 2.33086e-05

ygyro (float): -2.52001e-05
zgyro (float): -1.2888e-05
xmag (float): 0.243832
ymag (float): -0.00369214
zmag (float): 0.398375
abs_pressure (float): 0
diff_pressure (float): 223.675
pressure_alt (float): -1.0842e-19
temperature (float): 1.80429e-23
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0x3950

No.	Time	Source	Destination	Protocol	Length	Info
4212	5.289357557	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4212: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46901, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223684951
xacc (float): 0.200774
yacc (float): 0.00431783
zacc (float): -9.79794
xgyro (float): 9.78188e-06
ygyro (float): -4.41147e-05
zgyro (float): -1.38241e-05
xmag (float): 0.243192
ymag (float): -0.00387109
zmag (float): 0.39765
abs_pressure (float): 1013.09
diff_pressure (float): 223.685
pressure_alt (float): 1019.56
temperature (float): 16.887
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0xb2d2

No.	Time	Source	Destination	Protocol	Length	Info
4214	5.289498396	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4214: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94486023
xacc (float): 0.200849
yacc (float): 0.00437433
zacc (float): -9.79771
xgyro (float): 2.50885e-05
ygyro (float): -2.11182e-05
zgyro (float): -1.11445e-05
xmag (float): 0.243832
ymag (float): -0.00369215
zmag (float): 0.398375
abs_pressure (float): 101309
diff_pressure (float): 0.0951583
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x1c0a

No.	Time	Source	Destination	Protocol	Length	Info
4220	5.300056330	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4220: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 46975, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223695144
xacc (float): 0.20089
yacc (float): 0.00427855
zacc (float): -9.79805
xgyro (float): 3.83751e-05
ygyro (float): -2.77925e-05
zgyro (float): -2.13161e-05
xmag (float): 0.243489
ymag (float): -0.00380495
zmag (float): 0.398637
abs_pressure (float): 0
diff_pressure (float): 223.695
pressure_alt (float): -1.0842e-19
temperature (float): 5.54319e+10
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xf09f

No.	Time	Source	Destination	Protocol	Length	Info
4224	5.310746563	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4224: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 47049, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223705444
xacc (float): 0.201042
yacc (float): 0.00425605
zacc (float): -9.79812
xgyro (float): 3.8756e-05
ygyro (float): -4.8331e-05
zgyro (float): 2.56073e-06
xmag (float): 0.243394
ymag (float): -0.00447554
zmag (float): 0.398143
abs_pressure (float): 1013.09
diff_pressure (float): 223.705
pressure_alt (float): 1019.56
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x3b5c

No.	Time	Source	Destination	Protocol	Length	Info
4226	5.310971488	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4226: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94506531
xacc (float): 0.200832
yacc (float): 0.00429836
zacc (float): -9.79799
xgyro (float): 2.40785e-05
ygyro (float): -3.59536e-05
zgyro (float): -1.75701e-05
xmag (float): 0.243489
ymag (float): -0.00380496
zmag (float): 0.398637
abs_pressure (float): 101309
diff_pressure (float): 0.0951583
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0x749b

No. Time Source Destination Protocol Length Info
4228 5.311022009 127.0.0.1 127.0.0.1 MAVLink 1.0 70 VFR_HUD
Frame 4228: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (28)

Header

Payload: VFR_HUD (74)

airspeed (float): 0.394158
groundspeed (float): 0
alt (float): 1.32399
climb (float): 0
heading (int16): 0
throttle (uint16): 0

Message CRC: 0x3b7b

No. Time Source Destination Protocol Length Info
4230 5.311045021 127.0.0.1 127.0.0.1 MAVLink 1.0 90 WIND_COV
Frame 4230: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (48)

Header

Payload: WIND_COV (231)

time_usec (uint64): 94496338
wind_x (float): 0
wind_y (float): 0
wind_z (float): 0
var_horiz (float): 0
var_vert (float): 0
wind_alt (float): nan
horiz_accuracy (float): 0
vert_accuracy (float): 0

Message CRC: 0x53e6

No. Time Source Destination Protocol Length Info
4234 5.320345416 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4234: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 47123, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223715835
xacc (float): 0.201176
yacc (float): 0.00425574
zacc (float): -9.79813
xgyro (float): 5.03961e-05
ygyro (float): -3.98221e-05
zgyro (float): -1.39413e-05
xmag (float): 0.243624
ymag (float): -0.00423189
zmag (float): 0.398686
abs_pressure (float): 0
diff_pressure (float): 223.716
pressure_alt (float): 1.0842e-19
temperature (float): -3.33646e+33
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xc48c

No. Time Source Destination Protocol Length Info
4236 5.320496655 127.0.0.1 127.0.0.1 MAVLink 1.0 66 TIMESYNC
Frame 4236: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (24)

Header

Payload: TIMESYNC (111)

tc1 (int64): 0

ts1 (int64): 94527222000

Message CRC: 0xc2f3

No.	Time	Source	Destination	Protocol	Length	Info
4240	5.330989652	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4240: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 47197, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223725769
xacc (float): 0
yacc (float): 1.13903e+33
zacc (float): 0
xgyro (float): 1.85953e-32
ygyro (float): 7.64193e-05
zgyro (float): -4.42634e-22
xmag (float): 9.40464e+33
ymag (float): 0
zmag (float): 1.99649e+09
abs_pressure (float): 1013.09
diff_pressure (float): 223.726
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 6719
id (uint8): 0

Message CRC: 0xc0b6

No.	Time	Source	Destination	Protocol	Length	Info
4243	5.331190178	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4243: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94527222
xacc (float): 0.201109
yacc (float): 0.00425606
zacc (float): -9.79813
xgyro (float): 4.4576e-05
ygyro (float): -4.40766e-05
zgyro (float): -5.69027e-06
xmag (float): 0.243624
ymag (float): -0.00423189
zmag (float): 0.398686
abs_pressure (float): 101309
diff_pressure (float): 0.0951583
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 511
id (uint8): 0

Message CRC: 0xc15a

No.	Time	Source	Destination	Protocol	Length	Info
4247	5.331221671	127.0.0.1	127.0.0.1	MAVLink 1.0	82	ALTITUDE

Frame 4247: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (40)

Header

Payload: ALTITUDE (141)

time_usec (uint64): 94537156
altitude_monotonic (float): 1.32399
altitude_amsl (float): nan
altitude_local (float): nan
altitude_relative (float): nan
altitude_terrain (float): nan
bottom_clearance (float): nan

Message CRC: 0x29b3

No. Time Source Destination Protocol Length Info
4251 5.335255123 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4251: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 47271, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223730926
xacc (float): 0.201271
yacc (float): 0.00427391
zacc (float): -9.79832
xgyro (float): 2.80953e-05
ygyro (float): -4.01352e-05
zgyro (float): -2.57979e-05
xmag (float): 0.243368
ymag (float): -0.00428997
zmag (float): 0.398248
abs_pressure (float): 0
diff_pressure (float): 223.731
pressure_alt (float): -2
temperature (float): -6.07986e+17
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xe2d2

No. Time Source Destination Protocol Length Info
4256 5.350305105 127.0.0.1 127.0.0.1 MAVLink 2.0 140 HIL_SENSOR
Frame 4256: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 47345, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223745834
xacc (float): 0.201512
yacc (float): 0.00406284
zacc (float): -9.79963
xgyro (float): 3.73781e-05
ygyro (float): -6.19482e-05
zgyro (float): 8.71519e-06
xmag (float): 0.244019
ymag (float): -0.00405267
zmag (float): 0.398639
abs_pressure (float): 1013.09
diff_pressure (float): 223.746
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x4831

No. Time Source Destination Protocol Length Info
4258 5.350512373 127.0.0.1 127.0.0.1 MAVLink 1.0 112 HIGHRES_IMU
Frame 4258: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)

time_usec (uint64): 94542313
xacc (float): 0.100635
yacc (float): 5.69514e+32
zacc (float): 9.9399e+24
xgyro (float): 1.40476e-05
ygyro (float): 1.8142e-05
zgyro (float): -1.2899e-05
xmag (float): 0.243368
ymag (float): -0.00428998
zmag (float): 0.398248

abs_pressure (float): 101309
diff_pressure (float): 0.0951583
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 7167
id (uint8): 0

Message CRC: 0x4ef9

No.	Time	Source	Destination	Protocol	Length	Info
4263	5.355635555	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4263: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 47419, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223750946
xacc (float): 0.201512
yacc (float): 0.00406284
zacc (float): -9.79963
xgyro (float): -3.16902e-12
ygyro (float): -739.469
zgyro (float): -0.033372
xmag (float): 0
ymag (float): 0
zmag (float): 1.46209e-28
abs_pressure (float): -6.19934e-23
diff_pressure (float): -8.31631e-05
pressure_alt (float): -2
temperature (float): 604
fields_updated (uint32): 1087
id (uint8): 0

Message CRC: 0x700c

No.	Time	Source	Destination	Protocol	Length	Info
4266	5.360945824	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4266: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 47493, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)

time_usec (uint64): 223756240
xacc (float): 0.202082
yacc (float): 0.00400523
zacc (float): -9.79926
xgyro (float): 8.16958e-07
ygyro (float): -9.17532e-05
zgyro (float): -6.34277e-06
xmag (float): 0.244156
ymag (float): -0.00381447
zmag (float): 0.398747
abs_pressure (float): 0
diff_pressure (float): 223.756
pressure_alt (float): 1.0842e-19
temperature (float): -1.19601e-18
fields_updated (uint32): 511
id (uint8): 0

Message CRC: 0xac65

No.	Time	Source	Destination	Protocol	Length	Info
4271	5.366305844	127.0.0.1	127.0.0.1	MAVLink 2.0	115	HIL_GPS

Frame 4271: 115 bytes on wire (920 bits), 115 bytes captured (920 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 47567, Ack: 1, Len: 49
MAVLink Protocol (49)

Header

Payload: HIL_GPS (113)

time_usec (uint64): 223761291
lat (int32): 295401477
lon (int32): -984775390

alt (int32): 1019
eph (uint16): 1
epv (uint16): 1
vel (uint16): 0
vn (int16): -1
ve (int16): -1
vd (int16): -1
cog (uint16): 65535
fix_type (uint8): 3
satellites_visible (uint8): 8
id (uint8): 1
yaw (uint16): 0

Message CRC: 0x66eb

No.	Time	Source	Destination	Protocol	Length	Info
4274	5.370632237	127.0.0.1	127.0.0.1	MAVLink 2.0	140	HIL_SENSOR

Frame 4274: 140 bytes on wire (1120 bits), 140 bytes captured (1120 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 4560, Dst Port: 38008, Seq: 47616, Ack: 1, Len: 74
MAVLink Protocol (74)

Header

Payload: HIL_SENSOR (107)
time_usec (uint64): 223766448
xacc (float): 0.202523
yacc (float): 0.00403003
zacc (float): -9.79891
xgyro (float): -3.94806e-07
ygyro (float): -7.26371e-05
zgyro (float): 1.99548e-05
xmag (float): 0.243368
ymag (float): -0.00450596
zmag (float): 0.398722
abs_pressure (float): 1013.09
diff_pressure (float): 223.766
pressure_alt (float): 1019.55
temperature (float): 16.8871
fields_updated (uint32): 7167
id (uint8): 0

Message CRC: 0x17b1

No.	Time	Source	Destination	Protocol	Length	Info
4277	5.370762900	127.0.0.1	127.0.0.1	MAVLink 1.0	112	HIGHRES_IMU

Frame 4277: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540
MAVLink Protocol (70)

Header

Payload: HIGHRES_IMU (105)
time_usec (uint64): 94567627
xacc (float): 0.201797
yacc (float): 0.0040342
zacc (float): -9.79944
xgyro (float): 1.59422e-06
ygyro (float): -369.735
zgyro (float): -0.0166985
xmag (float): 0.244156
ymag (float): -0.00381447
zmag (float): 0.398747
abs_pressure (float): 101309
diff_pressure (float): -0.00831631
pressure_alt (float): 1.32399
temperature (float): 16.8871
fields_updated (uint16): 1535
id (uint8): 0

Message CRC: 0x1c87

No.	Time	Source	Destination	Protocol	Length	Info
4280	5.370801858	127.0.0.1	127.0.0.1	MAVLink 1.0	80	GPS_RAW_INT

Frame 4280: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 14580, Dst Port: 14540

MAVLink Protocol (38)

Header

Payload: GPS_RAW_INT (24)

time_usec (uint64): 94567627

lat (int32): 295401477

lon (int32): -984775390

alt (int32): 1019

eph (uint16): 0

epv (uint16): 0

vel (uint16): 0

cog (uint16): 29534

fix_type (uint8): 3

satellites_visible (uint8): 8

alt_ellipsoid (int32): 0

h_acc (uint32): 0

v_acc (uint32): 0

vel_acc (uint32): 0

hdg_acc (uint32): 0

yaw (uint16): 0

Message CRC: 0xdc05