IEEE1588 PTP HUB

The IEEE1588 PTP HUB, provides precision timing over Giga Ethernet and supports up to two OS, OSA (OS Airborne), CC or (CrashCam) cameras. Features include redundant power inputs, 2x GigE LAN external connectivity, flexible synchronization block, IEEE1588, GPS and IRIG.

FEATURES
- Redundant power inputs
- Wide range input voltage
- 2x GigE LAN external connectivity
- IEEE1588, GPS, IRIG
- Flexible synchronization block

APPLICATIONS
Automotive, Research

IEEE1588 PTP HUB

MECHANICAL

Weight	1.23 kg or 2.708 lbs
Dimensions	157.23 mm x 45.47 mm x 208.1 mm (W x H x L)

OPERATING TEMPERATURE

-40+50 ℃ / -40+122 °F

POWER

Input Voltage: 10 - 36 VDC

Power Consumption (max): 85W (with 2 cameras connected)

COMMUNICATION INTERFACE

2x Gigabit Ethernet (1000BaseT)

TRIGGERING AND SYNCHRONIZATION

IEEE1588, 1 PPS, & TTL Synchronization

Sync in, Trig in, PPS in, TOD in:
TTL level compatible with 5V and 3V level signals

Sync out 1, Sync out 2, Ready, PPS out, TOD out:
TTL 5V level signal

GPS IN: 3.3V GPS active antenna

IRIG IN: modulated "B" (level change/RS422/type B_special order

SOFTWARE

Motion Studio - Windows® OS

Motion Inspector - Windows® OS and MAC OS X