

## High G Rack HUB

The High G Rack HUB provides power, communication, synchronization and control for up to 16 IDT Cameras, Veritas LEDs or a combination of both. Interchangeable Modules deliver flexible configuration options to meet any application requirement. Constructed from ruggedized aluminum alloy, the High G Rack Hub is High G ready making it paramount for automotive crash testing and other applications which require portability and durability.

### FEATURES

- Compact, All-in-one design
- 100G Impact rated
- Embedded Timing Processor
- Modular (Camera and LEDs)
- Software configurable
- Gigabit network with IEEE1588
- 1.5KW wide input power bus
- Redundant triggering via on-board sensors

### APPLICATIONS

Automotive, Research



High G Rack HUB

### MECHANICAL

Weight	6.88 kg or 15.15 lb (without modules)
Dimensions	247.7 mm x 319.7 mm x 197.1 mm (W x H x L)

### OPERATING TEMPERATURE

-40+50 °C / -40+122 °F

### POWER

Input Voltage: 10 - 36 VDC

Power Consumption:  
Dependent on number of attached Cameras and LEDs

### COMMUNICATION INTERFACE

WiFi: 802.11a 2.4 GHz and 5 GHz

LAN: Gigabit Ethernet (1000BaseT)

### TRIGGERING AND SYNCHRONIZATION

Sync in, Trig in: TTL level compatible with 5V and 3.3 level signals

Sync out: TTL 5V level signal

Camera Ready (out): TTL 5V level signal

Global Ready (out): TTL 5V level signal

### SOFTWARE

Motion Studio - Windows® OS

Motion Inspector - Windows® OS and MAC OS X