



Helmet Mounted Hemispherical Laser Detector



Attollo Engineering's OMNir™ module is designed as a helmet-mounted aid to mitigate friendly fire incidents by alerting the wearer of a laser event consistent with precision laser locating for a GPS-guided weapon or laser designation for a laser-guided weapon.

Attollo's OMNir™ module will detect:

- Lasers between 1000 and 1650 nanometers
- Eye-safe wavelength laser rangefinders (LRFs) that are used for precision laser target locating:
 - Single pulse LRFs
 - Low frequency gimbal mounted LRFs
 - High frequency handheld LRFs
- Laser Target Markers (LTMs) used for handoff to laser designator systems
- Laser Target Designators (LTDs) used for guiding laser guided weapon

Attollo's OMNir will reject false alarms caused by:

- Handheld rangefinders used for golfing or hunting
- Handheld and rifle mounted NVG illuminators and pointers
- Camera and fire alarm strobe lights
- Handheld short-range military rangefinders not used for precision laser target locating

The OMNir™ is designed and manufactured in Attollo's 34,000 ft² facility in Camarillo, California. Attollo Engineering specializes in sensors that combine infrared and laser imaging as well as standard and custom IDCA designs for your applications. Attollo is AS9100 certified.

SYSTEM FEATURES

Designed to provide optimal line-of-sight coverage:

Over 220-degree, super-hemispherical range of protection when mounted on a helmet.

Inherently durable:

Constructed of impact-resistant injection-molded polycarbonate for inherent durability.

Escalating levels of haptic alarms

ALERT: LRF laser target locating

DANGER CLOSE ALERT: laser designation or marking

Lightweight:

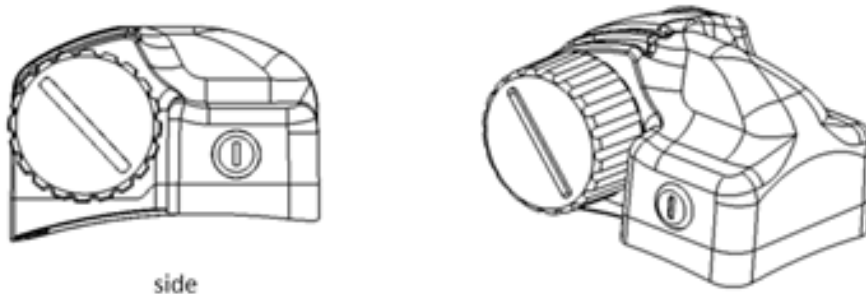
69 grams

Long Lasting:

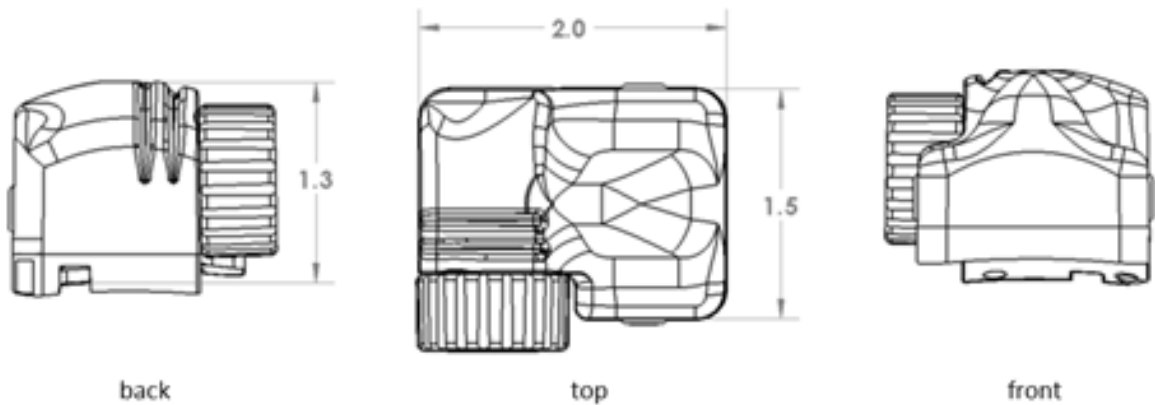
40 hours on a single CR123 Battery

Configurable:

Multiple vibration or LED indicator options available



side



back

top

front

dimensions in inches



See More



Please scan QR code for more information

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