



LPI™ Module

Laser Aiming Device

- 1.5 MOA dot size
- 2 h of constant operation
- Two different power settings; low, and high
- Weight 150 g (5.3 oz) sight and mount
- Submersible to 1 meter (3 feet)

ITEM NO. 12401

PRODUCT

OVERVIEW

The Aimpoint® LPI, IR Laser Aiming Device, is an eye safe active infrared aiming device for military and Law Enforcement applications.

Designed for use in darkness while wearing night vision goggles, the LPI projects a laser aiming dot on the target, visible only to those wearing NVD's. Export license/End-user certificate is required for the IR laser and its mounts.

Note: To make the product complete, a cable with switch and a mount interface must be determined by the user and ordered with the Aimpoint LPI. Four different mounting solutions are available and the cable is available at customized length.

⊗ This product is no longer manufactured.

Service is still provided.

Launched: 2002 Discontinued: 2016

TECHNICAL SPECIFICATIONS

OPTICAL SPECIFICATIONS

Dot Size 1.5 MOA (0.5 mrad)

Magnification 1X - No Magnification

Eye Relief Requires special goggles for identification

Optical Signature None

*** MOA (minute of angle)** 1 MOA \approx 30 mm at 100 meters \approx 1 in at 100 yards

Night Vision Device (NVD) Compatible No

Light Source Wavelength 840 nm red light

POWER SOURCE SPECIFICATIONS

Battery Life 2 h, continuous operation - daytime use

Battery Quantity 1

Other Power Source Information Two different power intensity settings for short range and long range respectively.

Battery Type 1/3N, 3V, Lithium

Power Switch Rotary Switch

PHYSICAL SPECIFICATIONS

Size L x W x H 48 x 44 x 24 mm

Weight 150 g

Size L x W x H - Sight Only 48 x 44 x 24 mm

Weight - Sight Only 150 g

Material Housing and Tube High Strength Aluminum

Color Housing Black

Other Physical Information Intended to fit on Aimpoint® red dot sights, which means that height of optical axis depends on mounting configuration.

Size L x W x H 1.9 x 1.7 x 0.9 in

Weight 5.3 oz

Size L x W x H - Sight Only 1.9 x 1.7 x 0.9 in

Weight - Sight Only 5.3 oz

Surface Finish Housing Anodized, Semi-Matte

Lens Covers Not Included

*** MOA (minute of angle)** 1 MOA \approx 30 mm at 100 meters \approx 1 in at 100 yards

TECHNOLOGY SPECIFICATIONS

Operating Principle IR Laser Aiming Device. Laser wavelength 840 nm. Class 1, eye safe

ENVIRONMENTAL SPECIFICATIONS

Aimpoint

Subcompact 1000m / 3 ft

Temperature Range Storage - 51°C to + 71°C / - 60°F to + 160°F

Humidity Operable during and after Humidity. Limits: RH: 95%, Temp: +20°C to +50°C (+68°F to +122°F), cyclic

Vibration Withstands Vibration. Limits: Vibration, sinusoidal in a frequency range of 10-150 Hz. Frequency: 10-30 Hz, ±1.587 mm, Frequency: 30-150 Hz. 5.75 g, 1 octave/min. Direction: X, Y and Z, Time: 30 min/direction.

Laser Class 1, 840 nm

Temperature Shock Operable after a temperature shock between - 45°C and + 71°C / - 49°F and + 160°F

Shock Operable before and after shock. Limits: X-axis: 500 g, 0.7 – 1.1 ms (3 shocks), Y-axis: 40g ±4g, 11 ±1ms (2 shocks in each direction, Z-axis: 40g ±4g, 11 ±1ms, 2 shocks in each direction.

Chemical Resistance Withstands occasional contamination by weapons cleaners, lubricants, fuels and insect repellents.