

Micro H-1™

4 MOA - Red Dot Reflex Sight

- 4 MOA dot size
- 50,000 hours (over 5 years) of operation on one battery
- 12 intensity settings for use in daylight and low light conditions
- Lightweight – 84 g (3.0 oz) sight only and 116 g (4.1 oz) with mount
- Submersible to 5 meters (15 feet)
- Height of Optical Axis 19 mm (0.7 in) measured from top surface of mechanical interface

INCLUDES: Micro™ Standard Mount, Bikini Lens Covers, CR2032 Battery, Aimpoint® Tool

PRODUCT OVERVIEW

The Aimpoint® Micro H-1 has become a very popular hunting sight worldwide due to its size, light weight and robust build quality.

Micro H-1 was designed with the hunter in mind. This small sight model is available in two MOA sizes; 2 and 4 MOA. It is rugged and reliable, for increased confidence in the harshest of elements.

The Aimpoint Micro H-1 is among the lightest red dot sights on the market and still tough enough to carry the Aimpoint name.

Launched: 2007

KEY FEATURES

- Available in 2 dot sizes (2, and 4 MOA)
- Integral Weaver- and Picatinny-style base allows easy attachment
- Operational in extreme weather conditions
- Extremely rugged, durable construction
- Anodized high strength aluminum housing, semi-matte black
- Precision adjustment for windage and elevation: top of protective caps fits into holes on adjustment screws – no other tool required

TECHNICAL

SPECIFICATIONS

PHYSICAL SPECIFICATIONS

Size L x W x H 69 x 42 x 46 mm

Weight 116 g

Size L x W x H - Sight Only 61 x 41 x 36 mm

Weight - Sight Only 84 g

Material Housing and Tube High Strength Aluminum

Color Housing Black

Material Lens Covers Neoprene

Height of Optical Axis 19 mm / 0.7 in measured from top surface of mounting platform

Size L x W x H 2.7 x 1.7 x 1.8 in

Weight 4.1 oz

Size L x W x H - Sight Only 2.4 x 1.6 x 1.4 in

Weight - Sight Only 3.0 oz

Surface Finish Housing Anodized, Semi-Matte

Lens Covers Bikini Lens Cover, Rubber, Solid

Material Mounting Solution Aluminum

Adjustment 1 Click = 13 mm at 100 m / 0.5 in at 100 yds

OPTICAL SPECIFICATIONS

Dot Size 4 MOA

Night Vision Device (NVD) Compatible No

Eye Relief Unlimited

Dot Color Red

Optical Coating Anti-reflex coating all surfaces and multilayer coating objective lens

Parallax Operationally parallax free – No centering required

Magnification 1X - No Magnification

Transmission Average 60% in the range 420 - 700 nm

Diode LED (Light Emitting Diode) totally eye safe

Light Source Wavelength 650 nm red light

Clear Aperture 18 mm / 0.7 in

POWER SOURCE SPECIFICATIONS

Battery Life 50,000 h at daylight setting 8 (15,000 Lux, room temperature)

Battery Quantity 1

Power Switch Rotary Switch

Battery Type CR2032, 3V, Lithium

Battery Size CR2032

Daylight (DL) Settings 12

MOUNTING SPECIFICATIONS

Mounting Solution Micro™ Standard Mount for Weaver / Picatinny

Torque - Mount to Sight 0.8 Nm / 7 in-lbs (Torx T10)

Mounting Platform Weaver / Picatinny Rail

Torque - Mount to Rail 2.0 Nm / 18 in-lbs (Torx T10)

TECHNOLOGY SPECIFICATIONS

Operating Principle Reflex collimator sight - red dot sight

ENVIRONMENTAL SPECIFICATIONS

Aimpoint

Subcompact 5 m / 15 ft

Radioactive Material None

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 No Laser Emission

Temperature Range Operation - 30°C to + 60°C / - 20°F to + 140°F

Temperature Shock Operable after a temperature shock between - 30°C and + 60°C / - 22°F and + 140°F

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

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