



Micro R-1™

4 MOA - Red Dot Reflex Sight

with Standard Mount for Weaver / Picatinny

- 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 mounting platform
- Silver colored housing and mount

INCLUDES: Micro™ Standard Mount for Weaver / Picatinny, Bikini Lens Cover, CR2032 Battery, Aimpoint® Tool

ITEM NO. 11911

PRODUCT

OVERVIEW

The Aimpoint® Micro R-1 was designed and built with the competitive hand gunner as well as the hunter using stainless steel weapons in mind.

Perfect for pistols, revolvers, and stainless hunting rifles
This is a sight for sport shooters and hunters with its silver metallic finish and weight of only 105 g, the Micro R-1 is perfect on pistols and revolvers for NRA Action Pistol or IPSC competition. With its 4 MOA dot size, the Micro R-1 is also ideal for use on stainless hunting rifles.

⊗ This product is no longer manufactured.

Service is still provided.

Launched: 2007 Discontinued: 2010

TECHNICAL SPECIFICATIONS

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)

ENVIRONMENTAL SPECIFICATIONS

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

Vibration - Withstands vibration. Limits: 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: 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.

PHYSICAL SPECIFICATIONS

Size L x W x H 69 x 41 x 36 mm

Weight 105 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 Silver Metallic

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 1.6 x 1.4 in

Weight 3.7 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

POWER SOURCE SPECIFICATIONS

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

Battery Quantity 1

Daylight (DL) Settings 12

Battery Type CR2032, 3V, Lithium

Power Switch Rotary Switch

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 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 Aperature 18 mm / 0.7 in

TECHNOLOGY SPECIFICATIONS

Operating Principle Reflex collimator sight - red dot sight