

## Micro T-1™

### 2 MOA - Red Dot Reflex Sight

- 2 MOA dot size
- 50,000 hours (over 5 years) of constant operation
- 1 Off position, 4 night vision compatible settings, and 8 daylight settings
- Weight 116 g (4.1 oz) sight and mount
- Submersible to 25 meters (80 feet)
- Height of Optical Axis 19 mm (0.7 in) measured from top surface of mechanical interface

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

## PRODUCT OVERVIEW

With the Aimpoint® Micro T-1, Aimpoint has introduced an aiming system that provides the performance of our full-sized sights in a small package.

Since its introduction the Aimpoint® Micro T-1 has become very popular worldwide due to its size, light weight and robust build quality. This optic has a precise 2 MOA red dot. The sight housing is constructed of hard-anodized aluminum alloy for optimal protection of the electronic and optical components in all types of environmental conditions.

The rugged and reliable Micro T-1 adds negligible weight to your equipment.

Launched: 2007

## KEY FEATURES

- Ideal for rifles, carbines, shotguns, submachine guns, and handguns
- Integral Picatinny-style base allows easy attachment to any rail
- Standard mount for Weaver / Picatinny
- Anodized high strength aluminum housing, semi-matte black
- Use as a standalone sight or piggybacked on larger magnifying, thermal, or night vision optics
- NVD compatible

## 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** 68 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

**Weight** 4.1 oz

**Size L x W x H - Sight Only** 2.7 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** 2 MOA

**Night Vision Device (NVD) Compatible** Yes

**Eye Relief** Unlimited

**Dot Color** Red

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

**Clear Aperature** 18 mm / 0.7 in

**Magnification** 1X - No Magnification

**Transmission** Average 70% in the range 420 - 900 nm

**Diode** LED (Light Emitting Diode) totally eye safe

**Light Source Wavelength** 650 nm red light

**Optical Signature** No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD

**Parallax** Operationally parallax free – No centering required

### POWER SOURCE SPECIFICATIONS

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

**Battery Quantity** 1

**Power Switch** Rotary Switch

**Daylight (DL) Settings** 8

**Battery Type** CR2032, 3V, Lithium

**Battery Size** CR2032

**Night Vision Device (NVD) Settings** 4

### 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

# Aimpoint

Operating Principle Reflex collimator sight - red dot sight

## ENVIRONMENTAL SPECIFICATIONS

**Submersible to** 25 m / 80 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,  $\pm 1.587$  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** - 45°C to + 71°C / - 49°F to + 160°F

**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  $\pm$ 4g, 11  $\pm$ 1ms (2 shocks in each direction, Z-axis: 40g  $\pm$ 4g, 11  $\pm$ 1ms, 2 shocks in each direction.

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