

MICRO T-1

## AIMPOINT® MICRO T-1



### AIMPOINT® MICRO T-1

|                                    |   |
|------------------------------------|---|
| <b>Art.No</b>                      | 12417 (2MOA), 11830 (4MOA)  |
| <b>Aiming dot size</b>             | 2 or 4 MOA  |
| <b>Battery type</b>                | 3V lithium battery, type CR2032.  |
| <b>Battery life - Day time use</b> | 5 years (50 000h) of continuous use at pos. 8 and over 10 months at pos. 10. Responds to >500 000 hours at NVD setting (pos. 2) |

### OVERVIEW

No matter what your mission, the size and weight of your equipment is a critical factor. With the Aimpoint® Micro T-1, Aimpoint has introduced an aiming system that provides the performance of our full-sized sights in the smallest package possible.

Since its introduction in 2007, the Aimpoint® Micro T-1 has become very popular worldwide due to its size, light weight and robust build quality.

### COMPLETE AND READY TO MOUNT

The standard configuration of the Aimpoint® Micro T-1 contains the sight, a Picatinny mount and bikini rubber lens covers.

*Launched 2007.*

### UNIQUE FEATURES

- Ideal for rifles, carbines, shotguns, submachine guns, and handguns
- Weight 3.7 oz. (105g) including mount, sight only 3.0 oz. (84g)
- 1X (non-magnifying) parallax free optic
- Compatible with all generations of Night Vision Devices (NVD)
- 4 night vision compatible settings and 8 daylight settings – one extra bright for use with laser protection glasses or in bright desert sunlight
- Integral Picatinny-style base allows easy attachment to any rail
- Patent pending mount is keyed to the sight body to absorb recoil
- New ACET technology allows 50,000 hours (over 5 years) of constant operation with one battery
- Available in 2 dot sizes (2 and 4 MOA)
- Hard anodized non-reflective finish
- Submersible to 80 feet (25 meters)
- Precision adjustments for windage and elevation: top of protective caps fits into holes on adjustment screws – no other tool required
- Use as a standalone sight or piggybacked on larger magnifying, thermal, or night vision optics

# AIMPOINT® MICRO T-1

## TECHNICAL SPECIFICATIONS

| GENERAL SPECIFICATIONS   |
|--|
| Art.No: 12417 (2MOA), 11830 (4MOA)   |
| OPTICAL SPECIFICATIONS   |
| <b>Operating principle:</b> Reflex Collimator sight with LED   |
| <b>Optical magnification:</b> 1x   |
| <b>Aiming dot size:</b> 2 or 4 MOA   |
| <b>Dot intensity:</b> Visible against a background luminance of 0,1 to 55 000 lx   |
| <b>Optical signature:</b> No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD 3 |
| <b>Dot color:</b> Peak Wavelength: 650 ± 10 nm   |
| <b>NVD compatible:</b> Yes   |
| <b>Optical coating:</b> Anti-reflex, all surfaces and multi-layer. NVD-Compatible 1, 2, 3                                      |
| <b>Clear aperture:</b> 20 mm   |
| <b>Eye relief:</b> Unlimited   |

| POWER SOURCE  |
|---|
| <b>Battery type:</b> 3V lithium battery, type CR2032.   |
| <b>Battery life - Day time use:</b> 5 years (50 000h) of continuous use at pos. 8 and over 10 months at pos. 10. Responds to >500 000 hours at NVD setting (pos. 2) |
| <b>Power intensity:</b> 4 NVD and 8 Daylight, of which 1 extra bright   |

| PHYSICAL SPECIFICATIONS   |
|---|
| <b>Length sight only:</b> 62 mm (2 7/16")   |
| <b>Length conf:</b> 69 mm (2 3/4")  |
| <b>Width:</b> 41 mm (1 9/16")   |
| <b>Height sight only:</b> 36 mm (1 3/8")  |
| <b>Height conf:</b> 41 mm (1 9/16")   |
| <b>Weight sight only (incl battery):</b> 84 g, ( 3,0 oz)  |
| <b>Weight conf:</b> 116 g (4,1 oz) incl. Lens Covers and Mount  |
| <b>Housing material:</b> High Strength Aluminum   |
| <b>Housing finish and color:</b> Matte black  |
| <b>Material mount and spacer std conf:</b> High Strength Aluminum   |
| <b>Surface treatment:</b> Hard anodized, matte  |
| <b>Height of optical axis - sight and mount:</b> 18 mm (11/16") over top surface of Picatinny/Weaver Rail   |
| <b>Height of optical axis - sight, mount and low spacer:</b> Spacer low: 48 mm (1 7/8") over top surface of Picatinny/Weaver Rail                               |
| <b>Height of optical axis - sight, mount and high spacer:</b> Spacer high: 57 mm (2 3/16") over top surface of Picatinny/Weaver Rail                            |
| <b>Adjustment:</b> Range ±1 m at 100 meters (±1 yds at 100 yds) in windage and elevation, 1 click = 13 mm at 100 meters = 10 mm at 80 meters = 7/16" at 100 yds |

| ENVIRONMENTAL SPECIFICATIONS  |
|---|
| <b>Temperature range operation:</b> -45°C to 71°C (-49°F to 160°F)  |
| <b>Temperature range storage:</b> -51°C to 71°C (-60°F to 160°F)  |
| <b>Temperature shock:</b> Operable after a temperature shock between -45°C and +71°C. Duration: 4h of Hot +71°C, 4h of Cold -45°C. Cycling: 3 times   |
| <b>Humidity:</b> Operates despite humidity. Limits: RH: 95%, Temp: 20°C to 50 °C, cyclic  |
| <b>Submersible:</b> Operates after immersion. Limits: Depth: 25m (83 ft.)   |
| <b>Shock:</b> 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. Functional during exposure (room temperature)                                     |
| <b>Vibration:</b> Operates despite 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   |
| <b>Chemical resistance:</b> Withstands occasional contamination of: Hydraulic oil (FSD 8407, Tryckolja 021), Lubricating oil (FSD 8127, Motorolja 5W/30), Lubricating oil (FSD 8220, Smörjfett 220), Lubricating oil (Break Free), Fuels (FSD 8612, Diesel fuel oil), Solvents/cleaning (FSD) |