

Aimpoint®

6XMag-1™

The Aimpoint® 6XMag-1 Magnifier is a 6x power magnifying module built to withstand the demands of professional end-users. The 6XMag-1™ can be paired with an Aimpoint red dot sight for target acquisition at longer distances or used as a 6x hand-held monocular. The 6XMag-1 magnifier is optimized for use with the Micro T-2™/H-2™ and CompM5™ series of sights providing a clear, crisp 2 MOA dot under 6x magnification. This magnifier configuration comes with the Aimpoint® TwistMount base that attaches easily to a picatinny rail (MIL-STD-1913). The TwistMount™ holds the magnifier in place behind the red dot sight on the optical axis and can be quickly detached when no magnification is needed.

ITEM NO.	200272 (Magnifier Only) 200340 (Magnifier with TwistMount)
DOT SIZE	None, uses the reticle / red dot in Aimpoint sight

CUSTOMIZED TO THE USER

A variable (-3 to +3) dioptic setting allows the magnifier to be adapted to the individual's eye.

ERGONOMIC DESIGN FOR SURE GRIP

The protective rubber cover provides the ideal ergonomic grip when used as a hand-held device.

PROFESSIONAL GRADE MONOCULAR

This magnifier is submersible up to 80 feet (25 meters), fully shock-proof, and can withstand temperatures ranging from -49°F to +160°F.

FAST TARGET ACQUISITION

Mounts behind Aimpoint sights eliminating the need for re-zeroing when shifting between non-magnified and magnified aiming.



INSET WINDAGE & ELEVATION ADJUSTMENT

Centering the dot within the magnifier is quick and easy with the intuitive module windage and elevation adjustments.

EXTREMELY LIGHTWEIGHT

The magnifier weighs 8.8 oz / 250 g (magnifier only) adding minimal weight to the user's gear.

LONG-RANGE AIMING & VIEWING

The 3-degree field of view (FOV) allows for a generous sight picture, is compatible with Aimpoint Micro T-2/H-2 and CompM5 series of sights, and all generations of night vision devices.

VARIETY OF MOUNTING SOLUTIONS

This magnifier configuration comes with the Aimpoint® TwistMount that attaches easily to a picatinny rail (MIL-STD-1913). It is also compatible with other 30mm scope ring mounts.



MO3619

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TECHNICAL SPECIFICATIONS

OPTICAL SPECIFICATIONS

Optical Magnification: 6x

Night Vision Device (NVD) Compatible: Yes

Eye Relief: 70 mm / 2.8 in

Exit Pupil: 3.3 mm (0.13 in)

Dioptic adjustment: ± 3.0 D

Transmission: Average 75% (photopic, integral transmission)

Field of View (FoV): 3°

PHYSICAL SPECIFICATIONS

Length (magnifier only): 151 mm (6.0 in)

Width (magnifier only): 47 mm (1.9 in)

Height (magnifier only): 43 mm (1.7 in)

Weight (magnifier only): 250 g (8.8 oz)

Material Housing & Tube: Aluminum

Surface Finish Housing: Protective Rubber Cover

Color Housing: Matte grey to black

Tube Diameter: 30 mm / 1.2 in

Lens Covers: Not Included

ENVIRONMENTAL SPECIFICATIONS

Radioactive Material: None

Temperature Range Operation: -45°C to +71°C / -49°F to +160°F

Temperature Range Storage: -45°C to +71°C / -49°F to +160°F

Temperature Shock: Operable after a temperature shock between - 40°C and + 55°C / - 40°F and + 131°F

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

Submersible: to a depth 25 m (80 ft.)

Laser: None

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

Vibration: Withstands vibration. Limits: 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.

Other information for Environmental Specifications: Salt fog: 5 % NaCl solution at a temperature of 35 °C