

# Aimpoint®

## 3XMag-1™

The Aimpoint® 3XMag-1 Magnifier is a 3x power magnifying module built to withstand the demands of professional end-users. The 3XMag-1™ can be paired with an Aimpoint red dot sight for target acquisition at longer distances or used as a 3X hand-held monocular. The 3XMag-1 magnifier is optimized for use with the Micro T-2™/H-2™, Patrol Rifle Optic™, CompM4™ series, and CompM5™ series of sights providing a clear, crisp 2 MOA dot under 3x magnification. This magnifier configuration comes with the Aimpoint® FlipMount and TwistMount base that attaches easily to a picatinny rail (MIL-STD-1913). The FlipMount™ holds the magnifier in place behind the red dot sight on the optical axis. The magnifier can be quickly detached or flipped to the right or left side when no magnification is needed.

<b>ITEM NO.</b>	200271 (magnifier only) 200334 (magnifier with FlipMount)
<b>DOT SIZE</b>	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 8.1 oz / 230 g (magnifier only) adding minimal weight to the user's gear.

### **LONG-RANGE AIMING & VIEWING**

The 7-degree field of view (FOV) allows for a generous sight picture and is compatible with all Aimpoint red dot sights and night vision devices.

### **VARIETY OF MOUNTING SOLUTIONS**

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



MO3618

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## TECHNICAL SPECIFICATIONS

### OPTICAL SPECIFICATIONS

**Optical Magnification:** 3x

**Aiming Dot Size:** None, uses the reticle / red dot in the Aimpoint sight

**NVD Compatible:** Yes

**Field of View (FoV):** 7°

**Exit Pupil:** 6.5 mm (0.3 in)

**Eye Relief:** 70 mm (2.8 in)

**Transmission:** 75% (photopic, integral transmission)

**Dioptic Adjustment:** ± 3.0 D

### PHYSICAL SPECIFICATIONS

**Length (magnifier only):** 117 mm (4.6 in)

**Width (magnifier only):** 46 mm (1.8 in)

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

**Weight (magnifier only):** 230 grams (8.1 oz) including rubber cover

**Housing Material:** Hard anodized aluminum

**Housing Finish & Color:** Matte dark grey to black

**Surface Treatment:** Hard anodized, matte, with protective rubber armor cover

### ENVIRONMENTAL SPECIFICATIONS

**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 to +55°C / -40°F to +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.)

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

**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.

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