

MPS3

AIMPOINT® MPS3



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| Item No. | 11704 (No Mount) / 12628 (with MGMount.50) |
| Aiming dot size | 2 MOA |
| Battery type | AA size battery, (rechargeable 1.2V), alkaline/lithium 1,5V or lithium 3-3,7V (acceptable voltage 1,2-5volt) |
| Battery life - Day time use | 50.000 h continuous (pos. 12 of 16). |

End User Certificate Required

OVERVIEW

The Aimpoint® MPS3 is the third generation of passive electronic reflex collimator sights suitable for medium or heavy support weapons. The MPS3 was developed primarily for military applications.

The Aimpoint® MPS3 (Multi Purpose Sight) is a passive electronic reflex collimator sight designed for use on medium or heavy weapons. Developed primarily for mounted weapons operations, the MPS3 is ideal for use on land vehicles, helicopters or fast attack boats and ships.

Note: Export License/End-user Certificate required for this product.

Launched 2007

UNIQUE FEATURES

- Compatible with every generation of NVD
- Designed to stand up to heavy weapons recoil
- Accessory rails on sight allow for mounting IR or visible lasers
- Can be used with any AA size battery
- ACET technology combined with a AA battery gives 80,000 hours (over 8 years) of typical use on one battery
- 500,000 hours of use on NVD setting
- 7 night vision compatibility settings, 9 day settings including one extra bright
- 2 MOA dot size for long distance engagement
- One Function Principle for ease of use in field (one rotary switch for light intensity)
- Manually adjustable reticle brightness
- Multi Purpose Sight for use on land, in the air, and at sea
- 1X sight (no magnification)

TECHNICAL SPECIFICATIONS

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| GENERAL SPECIFICATIONS | POWER SOURCE | ENVIRONMENTAL SPECIFICATIONS |
| Item No.: 11704 (No Mount) / 12628 (with MGMount.50) | Battery type: AA size battery, (rechargeable 1.2V), alkaline/lithium 1,5V or lithium 3-3,7V (acceptable voltage 1,2-5volt) | Temperature range operation: -45°C to +71°C (-49°F to +160°F) |
| OPTICAL SPECIFICATIONS | Battery life - Day time use: 50.000 h continuous (pos. 12 of 16). | Temperature range storage: -51°C to +71°C (-60°F to +160°F) |
| Operating principle: Reflex Collimator sight with LED | Power intensity: 7 NVD and 9 Daylight, of which 1 extra bright | Temperature shock: Operable after a temperature shock between -45°C and +71°C (-49°F and +160°F) |
| Optical magnification: 1x | PHYSICAL SPECIFICATIONS | Humidity: Operable during and after Humidity. Limits: RH: 95%, Temp: +20°C to +50°C (+68°F to +122°F), cyclic |
| Aiming dot size: 2 MOA | Length sight only: 175 mm (6.9 in) | Submersible: To a depth of 1 m (3 ft.) |
| Dot intensity: Visible against a background luminance of 0,1 to 55 000 lx | Length conf: 182 mm (7.2 in) | Shock: Withstands 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). |
| Optical signature: No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD | Width sight only: 84 mm (3.3 in) | 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. |
| Dot color: Peak Wavelength: 655 ± 15 nm | Height sight only: 81 mm (3.2 in) | Chemical resistance: Withstands occasional contamination by weapons cleaners, lubricants, fuels and insect repellents. |
| NVD compatible: Yes | Height conf: 124 mm (4.9 in) with MGM Mount | MECHANICAL INTERFACE |
| Optical coating: Anti-reflex, all surfaces and high transmission. NVD-Compatible. | Weight sight only (incl battery): 736 g (26 oz) | Keyed surface mount: 25 |
| Clear aperture: 33 mm (1.3 in) | Weight conf: 1295 g (45.7 oz) with MGM Mount and Lens Covers | |
| Eye relief: Unlimited | Housing material: High strength aluminum | |
| | Housing finish and color: Matte black | |
| | Housing anodized: Yes | |
| | Material mount and spacer std conf: High strength aluminum | |
| | Surface treatment: Hard anodized, matte | |
| | Height of optical axis - sight and mount: 77 mm (3 in) with MGM mount, over top surface of Picatinny Rail | |
| | Adjustment: Range ±1m at 100 meters (±1 yds at 100 yds) in windage and elevation. 1 click = 50 mm at 100 meters = 2 in at 100 yds | |