

MPS3™

2 MOA - Red Dot Reflex Sight

- 2 MOA dot size
- 80,000 hours (over 8 years) of constant operation
- 7 night vision compatible settings and 9 daylight settings
- Weight 725 g (25.6 oz) sight only
- Submersible to 1 meter (3 feet)

INCLUDES: Bikini Lens Cover, AA Battery, 2 Allen Keys

PRODUCT OVERVIEW

The Aimpoint® MPS3 is a passive electronic reflex collimator sight designed primary for use on medium and heavy machine guns and crew served support weapons.

Developed primarily for mounted weapons operations, the MPS3 is ideal for use on land vehicles, helicopters or fast attack boats and ships. It is designed to stand up to heavy weapons recoil. The Aimpoint MGMount has been specifically designed to use with the MPS3. It contains a user friendly 3-step ballistic compensator with preset range adjustment which can be quickly changed by the operator without losing eye contact with the target, even while wearing gloves. Has to be ordered separately.

Launched: 2007

KEY FEATURES

- Suitable for medium or heavy support weapons
- 500,000 hours of use on NVD setting
- One Function Principle for ease of use in field (one rotary switch for light intensity)
- Manually adjustable reticle brightness
- Accessory rails on the sight allow for mounting IR or visible lasers.
- Anodized high strength aluminum housing, semi-matte black
- Export License/End-user Certificate required for this product.
- NVD compatible

TECHNICAL

SPECIFICATIONS

PHYSICAL SPECIFICATIONS

Size L x W x H 175 x 86 x 82 mm

Weight 725 g

Size L x W x H - Sight Only 175 x 86 x 82 mm

Weight - Sight Only 725 g

Material Housing and Tube High Strength Aluminum

Color Housing Black

Adjustment 1 Click = 50 mm at 100 m / 2.0 in at 100 yds

Size L x W x H 6.9 x 3.4 x 3.2 in

Weight 25.6 oz

Size L x W x H - Sight Only 6.9 x 3.4 x 3.2 in

Weight - Sight Only 25.6 oz

Surface Finish Housing Anodized, Semi-Matte

Lens Covers Bikini Lens Cover, Rubber, Solid

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 33 mm / 1.3 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 setting 12 (room temperature)

Battery Quantity 1

Power Switch Rotary Switch

Daylight (DL) Settings 9

Battery Type AA, 1.5 - 5.0V, Alkaline / Lithium

Battery Size AA

Night Vision Device (NVD) Settings 7

MOUNTING SPECIFICATIONS

Mounting Solution Not Included

TECHNOLOGY SPECIFICATIONS

Operating Principle Reflex collimator sight - red dot sight

ENVIRONMENTAL SPECIFICATIONS

Aimpoint

Subcompact 100mm / 3 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, ± 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 ± 4 g, 11 ± 1 ms (2 shocks in each direction, Z-axis: 40g ± 4 g, 11 ± 1 ms, 2 shocks in each direction.

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