

Aimpoint®

CompM5b™

The Aimpoint® CompM5b red dot sight allows the user to quickly adjust the position of the reticle to compensate for ballistic drop at predetermined distances. Each sight includes interchangeable turrets adapted for standard calibers of ammunition at different target distances. The CompM5b™ offers three-setting wind/lead compensation adjustments. It is a high-performance red dot sight developed to withstand extremely tough handling and environmental situations without adding much weight to the user's equipment.

ITEM NO.	200624
DOT SIZE	2 MOA
BATTERY TYPE	One AAA size 1.5 V Alkaline LRO3 or Lithium FRO3
BATTERY LIFE	5 years (50,000 hours)

FLIP UP LENS COVERS

Solid front and rear transparent lens covers allows the user to shoot with both eyes open and lens caps closed in an emergency situation.

RUGGED, BATTLE PROVEN DESIGN

Reinforced protection of the turrets for even greater ruggedness. Submersible to 150 feet (45 meters). Temperature span -49°F to +160°F.

BALLISTIC COMPENSATION

Turrets adjust the reticle to compensate for ballistic drop at predetermined distances.

ANODIZED ALUMINUM HOUSING

The sight housing is constructed of hard-anodized aluminum alloy for optimal protection of the electronic and optical components in all types of environmental conditions.



DAY OR NIGHT USE

10 Brightness settings: 1-4 NVD, 5-10 daylight. Easy to use with gloves. Intuitive design. 2 MOA red dot for precision and fast target acquisition.

ADVANCED OPTICAL LENSES

New innovative lenses with enhanced reflective coatings, radically improve the shape of the 2 MOA dot. Compatible with Aimpoint 3x and 6x magnifiers and all generations of night vision devices.

BATTERY LIFE MEASURED IN YEARS

5 Years of constant-on use on setting 7. Conveniently powered by a AAA battery. Low battery compartment.

VARIETY OF MOUNTING SOLUTIONS

Compatible with multiple mounting solutions. This AR15 Ready version includes spacer and LRP (Lever Release Picatinny) Mount - Integral Picatinny-style base allows easy attachment to any rail.



MO3614

WWW.AIMPOINT.US

Aimpoint®



TECHNICAL SPECIFICATIONS

OPTICAL SPECIFICATIONS

Operating Principle: Reflex Collimator sight with LED and with ballistic turret

Optical Magnification: 1x

Aiming Dot Size: 2 MOA

Dot Intensity: Visible against a background luminance of 0.1 to 55,000 lx

Optical Signature No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD

Dot Color: Peak Wavelength: 655 ± 15 nm

NVD Compatible: Yes

Optical Coating: Anti-reflex, all surfaces and high transmission. NVD Compatible.

Clear Aperture: 18 mm (.71 in)

Eye Relief: Unlimited

POWER SOURCE SPECIFICATIONS

Battery Type: One AAA size 1.5 V Alkaline LRO3 or Lithium FRO3

Battery Life: 5 years (50,000 h) of continuous use at pos. 7, more than 1 year at pos. 8 and more than 10 years at NVD-setting (pos. 1-4)

Power Intensity: 4 NVD and 6 Daylight, of which 1 extra bright

PHYSICAL SPECIFICATIONS

Size L x W x H (mm) Sight Only: 83 x 49 x 49 mm

Size L x W x H (in) Sight Only: 3.3 x 1.9 x 1.9 in

Size L x W x H (mm) Conf: 85 x 49 x 68 mm

Size L x W x H (in) Conf: 3.4 x 1.9 x 2.8 in

Weight (Sight Only): 180 g / 6.3 oz

Weight (Conf): 254 g / 9 oz

Housing Material: High Strength Aluminum

Housing Anodized: Yes

Material Mount & Spacer (Standard Conf): Aluminum

Material Lens Cover: Thermoplastic Elastomer (TPE), black, non-glare finish

Height of Optical Axis: Sight and mount – 30 mm (1.2 in) measured from top surface of Picatinny rail

Sight, mount and high spacer – 39 mm (1.5 in) measured from top surface of Picatinny rail

Sight, mount and standard spacer – 30 mm (1.2 in) measured from top surface of Picatinny rail

Adjustment: Range ±1 m at 100 meters (±1 yds at 100 yds) in windage and elevation, 1 click = 10 mm at 100 meters = 8 mm at 80 meters = .36 in at 100 yds

ENVIRONMENTAL SPECIFICATIONS

Submersible: 45 m / 150 ft

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

Temperature Range Storage:
-51°C to +71°C (-60°F to +160°F)

Temperature Shock: Operable after a temperature shock between -45°C and +71°C (-49°F and +160°F)

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

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.

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.

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

MOUNTING SPECIFICATIONS

Keyed Surface Mount: LRP Mount and spacer included

Other Information for Mechanical Interface: B = Ballistic turret

All specifications are typical and subject to change without notice.
© 2021 Aimpoint AB. Ed. 5-October-21

WWW.AIMPOINT.US