



## CompM5b™

2 MOA - Red Dot Reflex Sight  
with Spacer & LRP Mount

- 2 MOA dot size
- 50,000 hours (over 5 years) of constant operation
- 4 night vision compatible settings and 6 daylight settings
- Weight 180 g (6.3 oz) sight only
- Submersible to 45 meters (150 feet)
- Height of Optical Axis 39 mm (1.5 in) measured from top surface of mechanical interface
- Advanced optical lenses for enhanced light transmission and ultimate dot clarity

INCLUDES: LRP Mount, Spacer, Flip-Up Lens Covers, 4 pcs Fixed Turrets, Custom Turret, Wind Turret, AAA Battery, Aimpoint® Tool, and Drill Tool

ITEM NO. 200624

## PRODUCT OVERVIEW

The CompM5b™ is a high performance compact red dot sight that allows for ballistic compensation as well as wind or lead compensation adjustment.

The Aimpoint® CompM5b allows the user to quickly adjust the position of the reticle to compensate for ballistic drop for the distance to the target. It comes with interchangeable turrets adapted for different calibers of ammunition at different target distances. It also offers wind or lead compensation adjustment, and adjustment caps can be tailor-made to meet requirements. A clear and precise 2 MOA red dot makes this optic match perfectly with the 3XMag-1 and 6XMag-1 magnifiers. 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. This standard configuration of the CompM5b contains the sight, a LRP mount and a 39 mm spacer. The alternative figuration contains a spacer with 30mm optical axis.

The CompM5b is a compact and rugged optic with unique abilities to compensate for ballistic drop, wind and lead.

## KEY FEATURES

- Quickly adjust the reticle in accordance with projectile ballistics and distance to target
- Wind compensation adjustment in 3 levels
- Tailor-made ballistic caps
- Mount base is keyed in to the body of the sight to absorb recoil
- 39 mm optical axis and LRP mount
- Flip-up lens covers – front is solid, and rear is transparent – allowing the user to shoot with both eyes open and lens caps closed in an emergency situation
- Matches perfectly with Aimpoint® 3XMag-1 and 6XMag-1 magnifiers
- Legendary Aimpoint ruggedness
- Anodized high strength aluminum housing, semi-matte black
- NVD compatible

## TECHNICAL

# SPECIFICATIONS

### MOUNTING SPECIFICATIONS

**Mounting Solution** LRP Mount and Spacer

**Torque - Mount to Sight** 1.35 Nm / 12 in-lbs (Torx T10)

### ENVIRONMENTAL SPECIFICATIONS

**Submersible to** 45 m / 150 ft

**Laser** None

**Radioactive Material** None

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

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

### PHYSICAL SPECIFICATIONS

**Size L x W x H** 85 x 52 x 69 mm

**Size L x W x H** 3.3 x 2.0 x 2.7 in

**Weight** 254 g

**Weight** 9.0 oz

**Size L x W x H - Sight Only** 83 x 52 x 49 mm

**Size L x W x H - Sight Only** 3.3 x 2.0 x 1.9 in

**Weight - Sight Only** 180 g

**Weight - Sight Only** 6.3 oz

**Material Housing and Tube** High Strength Aluminum

**Surface Finish Housing** Anodized, Semi-Matte

**Color Housing** Black

**Lens Covers** Front Solid Flip-up Lens Cover and Rear Transparent Flip-up Lens Cover

**Material Lens Covers** Thermoplastic Elastomer (TPE) Black, non-glare finish

**Material Mounting Solution** Aluminum

**Height of Optical Axis** 39 mm / 1.5 in measured from top surface of mounting platform

**Adjustment 1 Click** = 10 mm at 100 m / 0.4 in at 100 yds

### POWER SOURCE SPECIFICATIONS

**Battery Life** 50,000 h at daylight setting 7 (15,000 Lux, room temperature)

**Battery Type** AAA/LR3, Alkaline

**Night Vision Device (NVD) Settings** 4

**Daylight (DL) Settings** 6

## OPTICAL SPECIFICATIONS

**Dot Size** 2 MOA

**Night Vision Device (NVD) Compatible** Yes

**Eye Relief** Unlimited

**Dot Color** Peak Wavelength: 655 ± 15 nm

**Optical Coating** Anti-reflex coating all surfaces and multilayer coating objective lens

**Clear Aperature** 18 mm / 0.7 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** Absence of parallax - No centering required

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## TECHNOLOGY SPECIFICATIONS

**Operating Principle** Reflex collimator sight - red dot sight

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