

## CompM5b™

### 2 MOA - Red Dot Reflex Sight

- 2 MOA dot size
- 50,000 hours (over 5 years) of constant operation
- 4 night vision compatible settings and 6 daylight settings
- Weight 191 g (6.7 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

## 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 configuration 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.

Launched: 2019

## 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

### PHYSICAL SPECIFICATIONS

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

**Weight** 254 g

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

**Weight - Sight Only** 191 g

**Material Housing and Tube** High Strength Aluminum

**Color Housing** Black

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

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

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

**Weight** 9.0 oz

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

**Weight - Sight Only** 6.7 oz

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

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

**Material Mounting Solution** Aluminum

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

### OPTICAL SPECIFICATIONS

**Dot Size** 2 MOA

**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

**\* MOA (minute of angle)** 1 MOA  $\approx$  30 mm at 100  
meters  $\approx$  1 in at 100 yards

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

**Eye Relief** Unlimited

**Dot Color** Peak Wavelength: 655  $\pm$  15 nm

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

**Clear Aperature** 18 mm / 0.7 in

### POWER SOURCE SPECIFICATIONS

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

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

**Battery Type** AAA/LR3, Alkaline

**Daylight (DL) Settings** 6

### MOUNTING SPECIFICATIONS

**Mounting Solution** LRP Mount and Spacer

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

## TECHNOLOGY SPECIFICATIONS

# Aimpoint

Operating Principle Reflex Collimator sight - red dot sight with ballistic turret

## ENVIRONMENTAL SPECIFICATIONS

**Submersible to** 45 m / 150 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,  $\pm 1.587$  mm, Frequency: 30-150 Hz. 5.75 g, 1 octave/min. Direction: X, Y and Z, Time: 30 min/direction.

**Laser** None

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

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