

COMP5

## AIMPOINT® COMP5



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<b>Aiming dot size</b>	2 ± 0,5 MOA
<b>Battery type</b>	One AAA size 1.5 V Alkaline LR03 or Lithium FR03
<b>Battery life - Day time use</b>	5 years (50 000h) of continuous use at pos. 7, more than 1 year at pos. 8 and more than 10 years at NVD-setting (pos. 1-4)

### OVERVIEW

The CompM5™ is a high performance red dot sight developed for military and law enforcement applications. Aimpoint red dot sights are designed for the “both eyes open” method which greatly enhances situational awareness and target acquisition. Thanks to the optical design the red dot follows the movement of the user’s eye while remaining fixed on target, eliminating any need for centering.

The CompM5 allows for unlimited eye relief and is compatible with Aimpoint 3XMag-1 and 6XMag-1 magnifiers as well as all generations of Night Vision Devices (NVD).

The battery life for the CompM5 is over 5 years of continuous use while at the pos. 7\*, more than 1 year of use at pos. 8, and more than 10 years at NVD settings (pos. 1 to 4).

### COMPLETE AND READY TO MOUNT

The standard configuration of the CompM5 contains the sight, a LRP mount and a 39 mm spacer. The sight is also equipped with flip-up lens covers, the front lens cover is black and the rear transparent.

### CUSTOMIZE YOUR SIGHT

CompM5 sights can be customized according to your preferences and needs. Both the included LRP mount and spacer can be changed to meet the demands of your specific mission and equipment.

*Launched 2017.*

### UNIQUE FEATURES

- Mountable on MIL-STD 1913 Rail system/Picatinny rail
- Advanced optical lenses with a protective front window
- High, AAA battery compartment
- Compatible with every generation of NVD
- 2 MOA dot for close combat and long distance engagement
- Matches perfectly with Aimpoint® 3XMag-1 and 6XMag-1 magnifiers
- Excellent light transmission
- Extremely robust housing design, same ruggedness as the CompM4 sights with less weight
- Operational when submersed to a depth of 45 m (150 ft)
- Mount base is keyed into to the body of the sight to absorb recoil
- Weight 238 g (8.4 oz) standard configuration, sight only 148 g (5.2 oz)
- ACET technology allows 50,000 hours (over 5 years) of constant operation with one battery
- 4 NVD settings and 6 daylight settings
- Mechanical switch for speed and reliability

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## AIMPOINT® COMP M5

### TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS
Art.No: 200386

  

OPTICAL SPECIFICATIONS
<b>Operating principle:</b> Reflex Collimator sight with LED
<b>Optical magnification:</b> 1x ± 3%
<b>Aiming dot size:</b> 2 ± 0,5 MOA
<b>Dot intensity:</b> Visible against a background luminance of 0,1 to 55 000 lx
<b>Optical signature:</b> No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD
<b>Dot color:</b> Peak Wavelength: 650 ± 10 nm
<b>NVD compatible:</b> Yes
<b>Optical coating:</b> Anti-reflex, all surfaces and multi-layer. NVD-Compatible 1, 2, 3
<b>Clear aperture:</b> 18 ± 0,2 mm, on rear tube center axis
<b>Eye relief:</b> Unlimited

POWER SOURCE
<b>Battery type:</b> One AAA size 1.5 V Alkaline LR03 or Lithium FR03
<b>Battery life - Day time use:</b> 5 years (50 000h) of continuous use at pos. 7, more than 1 year at pos. 8 and more than 10 years at NVD-setting (pos. 1-4)
<b>Power intensity:</b> 4 NVD and 6 Daylight, of which 1 extra bright

PHYSICAL SPECIFICATIONS
<b>Length sight only:</b> 83 mm (3.3 in)
<b>Length conf:</b> 85 mm (3.4 in)
<b>Width:</b> 40 mm (1.6 in)
<b>Height sight only:</b> 41 mm (1.6 in)
<b>Height conf:</b> 71 mm (2.8 in)
<b>Weight sight only (incl battery):</b> 148 g (5.2 oz)
<b>Weight conf:</b> 238 g (8.4 oz)
<b>Housing material:</b> High Strength Aluminum
<b>Housing finish and color:</b> Matte black
<b>Housing anodized:</b> Yes
<b>Material mount and spacer std conf:</b> High Strength Aluminum
<b>Material lens cover:</b> Thermoplastic elastomer, black, non-glare finish
<b>Surface treatment:</b> Hard anodized, matte
<b>Height of optical axis - sight and mount:</b> 20 mm (0.8 in) measured from top surface of Picatinny rail
<b>Height of optical axis - sight, mount and high spacer:</b> 39 mm (1.5 in) measured from top surface of Picatinny rail
<b>Height of optical axis - sight, mount and standard spacer:</b> 30 mm (1.2 in) measured from top surface of Picatinny rail
<b>Adjustment:</b> 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
<b>Temperature range operation:</b> -45 °C to +71 °C (-49 °F to +160 °F)
<b>Temperature range storage:</b> -51°C to 71°C (-60°F to 160°F)
<b>Temperature shock:</b> Operable after a temperature shock between -45°C and +71°C. Duration: 4h of Hot +71°C, 4h of Cold -45°C. Cycling: 3 times
<b>Humidity:</b> Operates despite humidity. Limits: RH: 95%, Temp: 20°C to 50 °C, cyclic
<b>Immersion, static:</b> Operable at a depth of 45 m (150 ft.)
<b>Shock:</b> Limits: X-axis: 500 g, 0.7 - 1.1 ms (50 shocks), Y-axis: 40g ±4g, 11 ±1ms (2 shocks in each direction), Z-axis: 40g ±4g, 11 ±1ms, 2 shocks in each direction. Functional during exposure (room temperature)
<b>Vibration:</b> Operates despite 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
<b>Chemical resistance:</b> Withstands occasional contamination by weapons cleaners, lubricants, oil or insect repellants

MECHANICAL INTERFACE
<b>Keyed surface mount:</b> LRP Mount and 39 mm spacer included