



## CompM4™

### 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 376 g (13.3 oz) sight & mount
- Submersible to 45 meters (150 feet)
- Height of Optical Axis 39 mm (1.5 in) measured from top surface of mechanical interface
- High battery compartment

INCLUDES: QRP2 Mount, Standard Spacer, Rubber Bikini Lens Cover, ARD Filter KillFlash®, AA Battery, Allen Key

## PRODUCT OVERVIEW

The Aimpoint CompM4 was designed for users who require a professional quality red dot optic for use under extremely harsh conditions.

The CompM4 is currently used and trusted by top tier end users throughout the free world. The U.S. Army has chosen a member of the Aimpoint CompM4 series of sights as their M68CCO (Close Combat Optic) for over two decades. The CompM4 is powered by a single AA battery for over 80,000 hours (8 years) of continuous use and over 500,000 hours in the night vision settings. The CompM4 comes with a rubber bikini lens cover and the killFlash® anti-reflection device (ARD) to prevent glint from the front lens in the heat of battle. This configuration of the CompM4 contains the sight, a QRP2 mount and a standard spacer. 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. The 2 MOA red dot pairs perfectly with the Aimpoint 3XMag-1™ magnifier and all generations of night vision devices.

The Aimpoint CompM4 sight is soldier tested and combat-proven, in other words an extremely robust high quality product.

Launched: 2007

## KEY FEATURES

- Mount base is keyed in to the body of the sight to absorb recoil
- Front lens opening is threaded for addition of KillFlash® anti-reflective device (ARD)
- QRP2 Mount and spacer - Integral Picatinny-style base allows easy attachment to any rail by snap/twisting knob three times
- Legendary Aimpoint ruggedness
- Anodized high strength aluminum housing, semi-matte black
- Both the standard mount and spacer can be changed to meet the demands of your specific mission and equipment.
- NVD compatible

## TECHNICAL

# SPECIFICATIONS

### PHYSICAL SPECIFICATIONS

**Size L x W x H** 135 x 75 x 82 mm

**Weight** 376 g

**Size L x W x H - Sight Only** 120 x 51 x 57 mm

**Weight - Sight Only** 268 g

**Material Housing and Tube** High Strength Aluminum

**Color Housing** Black

**Material Lens Covers** Synthetic Rubber

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

**Size L x W x H** 5.3 x 3.0 x 3.2 in

**Weight** 13.3 oz

**Size L x W x H - Sight Only** 4.7 x 2.0 x 2.2 in

**Weight - Sight Only** 9.5 oz

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

**Lens Covers** Bikini Lens Cover, Rubber, Solid

**Material Mounting Solution** Aluminum

**Adjustment 1 Click** = 16 mm at 100 m / 0.6 in at 100 yds

### 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** 23 mm / 0.9 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** 80,000 h at setting 12 (15,000 Lux, room temperature)

**Power Switch** Rotary Switch

**Daylight (DL) Settings** 9

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

**Night Vision Device (NVD) Settings** 7

### MOUNTING SPECIFICATIONS

**Mounting Solution** QRP2 Mount and Standard Spacer

**Torque - Mount to Sight** 4.2 Nm / 37 in-lbs (3 mm hexagon socket head)

### TECHNOLOGY SPECIFICATIONS

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

## ENVIRONMENTAL SPECIFICATIONS

# Aimpoint

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

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