

CompM4™

2 MOA - Red Dot Reflex Sight
without Mount

- 2 MOA dot size
- 80,000 hours (over 8 years) of constant operation
- 7 night vision compatible settings and 9 daylight settings
- Weight 268 g / 9.5 oz (sight only)
- Submersible to 45 meters (150 feet)
- High battery compartment

INCLUDES: Rubber Bikini Lens Cover, AA Battery, Allen Key

ITEM NO. 12309

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 is without any mount. The mounting solution has to be ordered separately. 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)
- 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 120 x 51 x 57 mm

Weight 268 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

Size L x W x H 4.7 x 2.0 x 2.2 in

Weight 9.5 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

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 Not Included

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



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

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