

CompM4s™

2 MOA - Red Dot Reflex Sight

with Standard Spacer & LRP Mount

- 2 MOA dot size
- 80,000 hours (over 8 years) of constant operation
- 7 night vision compatible settings and 9 daylight settings
- Weight 270 g (9.5 oz) sight and mount
- Submersible to 45 meters (150 feet)
- Height of Optical Axis 39 mm (1.5 in) measured from top surface of mechanical interface
- Low battery compartment

INCLUDES: LRP Mount, Standard Spacer, Flip-up Lens Cover Front with integrated ARD Filter KillFlash®, Rear Flip-up Lens Cover, AA Battery, Allen Key

ITEM NO. 200080

PRODUCT OVERVIEW

The Aimpoint CompM4s was designed for users who require a professional quality red dot optic for use under extremely harsh conditions.

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 CompM4s holds that status today, with over 100,000 sights currently in use by the U.S. Armed Forces. The CompM4s 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 CompM4s has a low battery compartment. The CompM4s comes with a rubber bikini lens cover and the KillFlash® anti-reflection device (ARD) to prevent glare from the front lens in the heat of battle. This configuration of the CompM4s contains the sight, a LRP 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 CompM4s sight is soldier tested and combat-proven, in other words an extremely robust high quality product.

Launched: 2008

KEY FEATURES

- Low battery compartment
- 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)
- LRP Mount and spacer - Integral Picatinny-style base allows easy attachment to any rail
- Type classified as the U.S. Army's M68CCO (Close Combat Optic)
- 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 141 x 67 x 76 mm

Size L x W x H - Sight Only 120 x 53 x 60 mm

Weight - Sight Only 270 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 5.6 x 2.6 x 3.0 in

Size L x W x H - Sight Only 4.7 x 2.1 x 2.4 in

Weight - Sight Only 9.5 oz

Surface Finish Housing Anodized, Semi-Matte

Lens Covers Front Solid Flip-up Lens Cover with integrated ARD Filter KillFlash® and Rear Solid Flip-up Lens Cover

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)

Battery Quantity 1

Power Switch Rotary Switch

Daylight (DL) Settings 9

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

Battery Size AA

Night Vision Device (NVD) Settings 7

MOUNTING SPECIFICATIONS

Mounting Solution LRP Mount, Spacer Standard

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.