

9000L

## AIMPOINT® 9000L



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Art.No	11406/11419
Aiming dot size	2 or 4 MOA
Battery type	3V lithium battery, type 2L76 or DL1/3N.
Battery life - Day time use	50 000h (over 5 years of continuous use)
Mounting	2 rings, not included

### OVERVIEW

Whether you are hunting deer, moose, or bear, this full-length sight delivers unsurpassed performance and reliability. Primarily designed for rifles with standard or magnum-length actions, the Aimpoint® 9000L can handle the most extreme hunting conditions.

This is the most popular sight within the 9000 series due to its long length. It makes it ideal for use primarily on rifles with standard or magnum actions.

*Launched 2005.*

### UNIQUE FEATURES

- Ideal for big game and sport-shooting rifles with standard or magnum-length action and semi-automatic rifles
- 2-ring configuration fits nearly all 30mm ring mounting systems
- ACET technology allows 50,000 hours of operation on one battery
- Available in 2 dot sizes (2 and 4 MOA)
- Fully waterproof

# AIMPOINT® 9000L

## TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS
Art.No: 11406/11419
OPTICAL SPECIFICATIONS
<b>Operating principle:</b> Reflex collimator sight with LED
<b>Optical magnification:</b> 1x
<b>Aiming dot size:</b> 2 or 4 MOA
<b>Dot intensity:</b> Visible against a background luminance of 0.1 to 55 000 lx
<b>Dot color:</b> Peak Wavelength: 650 ± 10 nm
<b>NVD compatible:</b> No
<b>Optical coating:</b> Anti-reflex, all surfaces and multi-layer.
<b>Clear aperture:</b> 23 mm (.9 in)
<b>Eye relief:</b> Unlimited

POWER SOURCE
<b>Battery type:</b> 3V lithium battery, type 2L76 or DL1/3N.
<b>Battery life - Day time use:</b> 50 000h (over 5 years of continuous use)
<b>Power intensity:</b> 2 Off position and 9 daylight settings

PHYSICAL SPECIFICATIONS
<b>Length sight only:</b> 200 mm (7.9 in)
<b>Length conf:</b> 200 mm (7.9 in)
<b>Width:</b> 55 mm (2.2 in)
<b>Height sight only:</b> 55 mm (2.2 in)
<b>Weight sight only (incl battery):</b> 230 g (8.1 oz)
<b>Housing material:</b> High strength Aluminum
<b>Housing finish and color:</b> Semi-matte black
<b>Material mount and spacer std conf:</b> High strength Aluminum
<b>Surface treatment:</b> Anodized, semi matte
<b>Height of optical axis - sight and mount:</b> 20 mm (.8 in) over top surface of Picatinny/Weaver Rail
<b>Adjustment:</b> 1 click =10 mm at 80 m = 12 mm at 100 m = .5 in at 100 yds.

ENVIRONMENTAL SPECIFICATIONS
<b>Temperature range operation:</b> -30°C to 60°C (-20°F to 140°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>Submersible:</b> To a depth of 5 m (15 ft)
<b>Shock:</b> The unit is 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. Functional during exposure (room temperature)
<b>Vibration:</b> The unit 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 of: Hydraulic oil (FSD 8407, Tryckolja 021), Lubricating oil (FSD 8127, Motorolja 5W/30), Lubricating oil (FSD 8220, Smörjfett 220), Lubricating oil (Break Free), Fuels (FSD 8612, Diesel fuel oil), Solvents/cleaning (FSD

MECHANICAL INTERFACE
<b>Mounting:</b> 2 rings, not included
<b>Max distance between rings mm/":</b> 145 mm, (5.69 in)