



PRO™ - Patrol Rifle Optic

2 MOA - Red Dot Reflex Sight

with Standard Spacer & QRP2 Mount

- 2 MOA dot size
- 30,000 hours (over 3 years) of constant operation
- 4 night vision compatible settings and 6 daylight settings
- Weight 220 g (7.8 oz) sight only, 330 g (11.6 oz) with mount
- Submersible to 45 meters (150 feet)
- Height of Optical Axis 39 mm (1.5 in) measured from top surface of mechanical interface
- Front lens opening is threaded for addition of killFlash® anti-reflective device

INCLUDES: QRP2 Mount, Base & Top Ring, Standard Spacer, Flip-up Lens Covers, DL1/3N Battery, Allen Key

ITEM NO. 12841

PRODUCT OVERVIEW

Aimpoint® Patrol Rifle Optic (PRO) was built to withstand the challenging conditions faced by law enforcement officers.

The PRO™ has a 2 MOA red dot that allows for fast target acquisition. The hard anodized, high strength aluminum housing provides incredible protection against any physical abuse the sight may encounter. The PRO sight contains a QRP2 mount and a standard AR15 spacer which can be removed. It is also equipped with flip covers, a black front flip cover and a transparent rear flip cover that allows the user to engage a target with both lens covers closed in an emergency situation. Battery and adjustment cap retainer straps means you will never lose your pieces.

The rugged PRO sight comes in a ready-to-go kit at a budget friendly price, a concept that appeals strongly to Law Enforcement units.

Launched: 2011

KEY FEATURES

- In service date and battery change date reminders makes inventory tracking and maintenance easy.
- QRP2 Mount and spacer - Integral Picatinny-style base allows easy attachment to any rail by snap/twisting knob three times
- Modular mount set up for use on flat-top AR15, M4 Carbine and M16 rifles. (Adapter available for carry handle mounting)
- Removable spacer. Remove for use on weapons such as shotguns and sub-guns, AK47, Type 81, BDO8 and weapons with a low line of sight.
- Flip-up lens covers - front is solid, and rear is transparent - allowing the user to shoot with both eyes open and lens caps closed in an emergency situation
- Anodized high strength aluminum housing, semi-matte black
- Legendary Aimpoint ruggedness at an entry level price point
- NVD compatible

TECHNICAL SPECIFICATIONS

MOUNTING SPECIFICATIONS

Mounting Solution QRP2 Mount, Base & Top Ring and Standard Spacer

Torque* 4.2 Nm / 3.1 ft-lb (QRP2 to Base & Top Ring)

Torque - Mount to Sight 2.2 Nm / 20 in-lbs (Ring Top and Base)

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: Operable during and after Humidity. Limits: RH: 95%, Temp: +20°C to +50°C (+68°F to +122°F), cyclic

Vibration - Withstands vibration. Limits: 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 No Laser Emission

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: 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.

PHYSICAL SPECIFICATIONS

Size L x W x H 131 x 72 x 81 mm

Weight 330 g

Size L x W x H - Sight Only 120 x 48 x 48 mm

Weight - Sight Only 220 g

Material Housing and Tube High Strength Aluminum

Color Housing Black

Lens Covers Flip-up Lens Covers, Front Solid and Rear Transparent

Material Mounting Solution Aluminum

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

Size L x W x H 5.2 x 2.8 x 3.2 in

Weight 11.6 oz

Size L x W x H - Sight Only 4.7 x 1.9 x 1.9 in

Weight - Sight Only 7.8 oz

Surface Finish Housing Anodized, Semi-Matte

Tube Diameter 30 mm / 1.2 in

Material Lens Covers Thermoplastic Elastomer (TPE)

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

*** MOA (minute of angle)** 1 MOA ≈ 30 mm at 100 meters ≈ 1 in at 100 yards

POWER SOURCE SPECIFICATIONS

Battery Life 30,000 h at daylight setting 7 (15,000 Lux, room temperature)

Battery Quantity 1

Power Switch Rotary Switch

Daylight (DL) Settings 6

Battery Type 1/3N, 3V, Lithium

Battery Size DL1/ 3N

Night Vision Device (NVD) Settings 4

OPTICAL SPECIFICATIONS

Dot Size 2 MOA

Magnification 1X - No Magnification

Transmission Average 60% in the range 420 - 700 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 Absence of parallax - No centering required

*** MOA (minute of angle)** 1 MOA \approx 30 mm at 100 meters \approx 1 in at 100 yards

Night Vision Device (NVD) Compatible Yes

Eye Relief Unlimited

Dot Color Red

Optical Coating Anti-reflex coating all surfaces and multilayer coating objective lens

Clear Aperture 23 mm / 0.9 in

TECHNOLOGY SPECIFICATIONS

Operating Principle Reflex collimator sight - red dot sight