



## 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

### POWER SOURCE SPECIFICATIONS

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

**Battery Quantity** 1

**Battery Type** 1/3N, 3V, Lithium

**Battery Size** DL1/ 3N



## OPTICAL SPECIFICATIONS

**Dot Size** 2 MOA

**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 Aperature** 23 mm / 0.9 in

**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

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## TECHNOLOGY SPECIFICATIONS

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

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