



## Acro P-1™

3.5 MOA - Red Dot Reflex Sight  
with Integrated Acro™ Interface

- 3.5 MOA dot size
- 15,000 hours (over 1.5 years) of constant operation
- 4 night vision compatible settings and 6 daylight settings
- Weight 60 g (2.1 oz) sight only Submersible to 25 meters (80 feet)
- Height of Optical Axis 14 mm (0.6 in) measured from top surface of mechanical interface
- Optimized for pistol and applications which require a low-profile red dot system

INCLUDES: CR1225 Battery, Aimpoint® Tool

ITEM NO. 200504

## PRODUCT OVERVIEW

Aimpoint® Acro P-1 was developed for use on pistols and other weapon platforms requiring a small low-profile red dot system.

The Acro P-1 is the smallest professional grade enclosed system on the market, fully tested for shock, vibration, temperature span and other environmental stress. In addition to use as a primary optic on handguns, the Acro P-1™ can be mounted on carbines, shotguns, rifles, or utilized as a backup sight on magnified scopes and thermal imagers. The Acro P-1 has a precise 3.5 MOA dot and can be mounted on a wide range of weapon platforms in combination with different mounting solutions developed especially for this small red dot optic.

**The Acro P-1 is a small fully enclosed system with leading ruggedness and reliability.**

Launched: 2018

## KEY FEATURES

- The only professional grade fully enclosed system in its size on the market
- Variety of mounting options sold separately
- Sealed optical channel protects the optic from rain, mud, sand or snow
- Fully enclosed housing protects all electronic components of the sight from all elements.
- Easily zeroed with the Aimpoint tool that comes with the sight. Adjustment clicks you can hear and feel
- Battery can be quickly changed without removing optic
- Matches perfectly with Aimpoint® 3XMag-1 and 6XMag-1 magnifiers
- Anodized high strength aluminum housing, semi-matte black
- NVD compatible

## TECHNICAL

# SPECIFICATIONS

### TECHNOLOGY SPECIFICATIONS

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

### OPTICAL SPECIFICATIONS

**Dot Size** 3.5 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 Aperture** 16 x 16 mm / 0.63 x 0.63 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** Absence of parallax - No centering required

### POWER SOURCE SPECIFICATIONS

**Battery Life** More than 1.5 year of use on setting 6

**Power Switch** Push Buttons

**Daylight (DL) Settings** 6

**Battery Type** CR1225, 3V, Lithium

**Night Vision Device (NVD) Settings** 4

### PHYSICAL SPECIFICATIONS

**Size L x W x H (mm)** 47 x 30 x 31 mm

**Weight (g)** 60 g (without mounting solution)

**Size L x W x H - Sight Only (mm)** 47 x 30 x 31 mm

**Weight - Sight Only (g)** 60 g

**Material Housing and Tube** High Strength Aluminum

**Color Housing** Black

**Height of Optical Axis** 14 mm / 0.6 in measured from top surface of mounting platform

**Size L x W x H (in)** 1.9 x 1.2 x 1.2 in

**Weight (oz)** 2.1 oz (without mounting solution)

**Size L x W x H - Sight Only (in)** 1.9 x 1.2 x 1.2 in

**Weight - Sight Only (oz)** 2.1 oz

**Surface Finish Housing** Anodized, Semi-Matte

**Lens Covers** Not Included

**Adjustment 1 Click** = 17 mm at 100 m / 0.6 in at 100 yds

## ENVIRONMENTAL SPECIFICATIONS

**Submersible to** 25 m / 80 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** 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:** Tested with 20,000 rounds mounted on a .40 S&W caliber pistol slide

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

## MOUNTING SPECIFICATIONS

**Mounting Solution** Integrated Acro™ Interface

**Torque - Mount to Sight** 3.0 Nm / 27 in-lbs

**Mounting Platform** Acro™ Interface

**Torque - Mount to Rail** 3.0 Nm / 27 in-lbs