



## Acro C-2™

### 3.5 MOA - Red Dot Reflex Sight

- 3.5 MOA dot size
- 50,000 hours (over 5 years) of operation on one battery
- 2 night vision compatible settings and 8 daylight settings
- Weight 61 g (2.2 oz) sight only
- Submersible to 5 meters (15 feet)
- Height of Optical Axis 14 mm (0.6 in) measured from top surface of mounting platform
- Optimized for pistol and applications which require a low-profile red dot system

INCLUDES: CR2032 Battery, Aimpoint® Tool

## PRODUCT OVERVIEW

The Aimpoint® Acro C-2 is the next generation in the Acro series with an optimized technology.

With the new battery size of CR2032 and new diode technology the Acro C-2 will last for 5 years of continuous use on setting 6/10 (daylight setting). The new LED gives you a brighter 3.5 MOA dot. The Acro series includes a wide variety of available mounting solutions, which make it possible to mount the Acro C-2 optic on several weapon platforms such as shotguns and rifles or utilized as a backup sight on magnified scopes. Tested with a minimum of 20,000 rounds on a .40 cal pistol slide, this small optic has proven to lead in ruggedness and reliability. It is trusted by law enforcement, military, hunters, and sport shooters alike. They all rely on the Acro advantage. The enclosed system makes it reliable and operational in any weather conditions.

The Acro C-2 is a lightweight, low-profile optic that provides fast target acquisition and an unlimited field of view.

Launched: 2021

## KEY FEATURES

- Fully enclosed system
- Variety of mounting options sold separately
- New CR2032 battery that will last for 5 years of continuous use
- Designed for direct integration in combination with mount plates onto optic ready pistol slides
- 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
- Can be mounted on any Aimpoint Micro sight mount via the Acro mount plate with Micro interface
- Can be used as a secondary sight on magnifying rifle scopes with the Acro adapter rings
- Battery installation while optic is still mounted on weapon
- Anodized high strength aluminum housing, semi-matte black
- NVD compatible

# TECHNICAL SPECIFICATIONS

## PHYSICAL SPECIFICATIONS

**Size L x W x H** 47 x 33 x 31 mm

**Weight** 61 g

**Size L x W x H - Sight Only** 47 x 33 x 31 mm

**Weight - Sight Only** 61 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** 1.9 x 1.3 x 1.2 in

**Weight** 2.2 oz

**Size L x W x H - Sight Only** 1.9 x 1.3 x 1.2 in

**Weight - Sight Only** 2.2 oz

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

**Lens Covers** Not Included

**Adjustment 1 Click** = 20 mm at 100 m / 0.7 in at 100 yds

## OPTICAL SPECIFICATIONS

**Dot Size** 3.5 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

**Clear Aperature** 15 x 15 mm / 0.59 x 0.59 in

**\* 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

**Parallax** Operationally parallax free – No centering required

## POWER SOURCE SPECIFICATIONS

**Battery Life** 50,000 h at daylight setting 6 (15,000 Lux, room temperature)

**Battery Quantity** 1

**Power Switch** Push Buttons

**Daylight (DL) Settings** 8

**Battery Type** CR2032, 3V, Lithium

**Battery Size** CR2032

**Night Vision Device (NVD) Settings** 2

**Start Setting Position** 7 of 10

## 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

## TECHNOLOGY SPECIFICATIONS

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

## ENVIRONMENTAL SPECIFICATIONS

**Submersible to** 5 m / 15 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,  $\pm 1.587$  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** - 30°C to + 60°C / - 20°F to + 140°F

**Temperature Shock** Operable after a temperature shock between - 30°C and + 60°C / - 22°F and + 140°F

**Shock** 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.