

# Aimpoint®

## DUTY RDS™

The Aimpoint® Duty RDS is the red dot sight solution the world has been waiting for – offering Aimpoint quality at a more accessible price point. This compact, high-grade reflex optic was designed to meet the demanding needs of the modern law enforcement officer. The Duty RDS™ (Red Dot Sight) offers a bright, crisp 2 MOA dot that's ideal for short to medium range target engagements. All new windage and elevation adjustments are flush mounted and waterproof, eliminating the need for protective caps. The turrets provide audible “clicks” when zeroing the optic. The dot brightness intensity switch is a digital keypad with intuitive buttons that can easily be manipulated while wearing gloves.

<b>ITEM NO.</b>	200759
<b>DOT SIZE</b>	2 MOA
<b>BATTERY TYPE</b>	3V Lithium Battery, type CR2032
<b>BATTERY LIFE</b>	3 years (30,000 hours)

## DUTY RDS™

### SOLID FRONT / TRANSPARENT REAR FLIP-UP LENS COVERS

Ability to shoot with both eyes open in an emergency situation or in bright sunlight.

### FLUSH-MOUNTED WINDAGE & ELEVATION ADJUSTMENTS

Clicks you can hear and feel. Waterproof – submersible to 80 feet (25 meters).

### QUICK ACCESS BATTERY CAP

3 Years of constant-on use on setting 7. Powered by a CR2032 battery. Battery compartment mounted on the side for convenient access.

### PROTECTED RECESSED LENS

Reduces impact damage, scratches and fingerprints.



### PRESSURE FORGED ALUMINUM HOUSING

The sight housing is constructed of non-reflective, hard-anodized aluminum for optimal protection of the electronic and optical components in all types of environmental conditions. Temperature span -49°F to +160°F.



### DIGITAL INTENSITY BUTTONS

Easy to use while wearing gloves. Intuitive design.



### ONE-PIECE TORSION NUT MOUNT

Affixes optic securely to MIL-STD-1913 Picatinny rails.



[WWW.AIMPOINT.US](http://WWW.AIMPOINT.US)

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## TECHNICAL SPECIFICATIONS

### OPTICAL SPECIFICATIONS

**Operating Principle:** Reflex Collimator sight with LED

**Optical Magnification:** 1x

**Aiming Dot Size:** 2 MOA

**Optical Signature:** No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD

**Dot Color:** Peak Wavelength: 655 ± 15 nm

**NVD Compatible:** Yes

**Optical Coating:** Anti-reflex, all surfaces and multi-layer. NVD Compatible.

**Clear Aperture:** 18 mm (.71 in)

**Eye Relief:** Unlimited

### POWER SOURCE SPECIFICATIONS

**Battery Type:** 3V lithium battery, type CR2032

**Battery Life:** Day time use: 3 years (30,000 h) of continuous use at pos. 7.

**Power Intensity:** 4 NVD and 6 Daylight

### PHYSICAL SPECIFICATIONS

**Size L x W x H (mm) Sight Only:** 68 x 37 x 43 mm

**Size L x W x H (in) Sight Only:** 2.7 x 1.5 x 1.7 in

**Size L x W x H (mm) Conf:** 80 x 37 x 67 mm

**Size L x W x H (in) Conf:** 3.1 x 1.5 x 2.6 in

**Weight (Sight Only):** 108 g / 3.8 oz

**Weight (Conf):** 160 g / 5.6 oz (lens covers, mount, & battery)

**Housing Material:** High Strength EN AW 6082 Aluminum

**Housing Anodized:** Yes

**Material Mount & Spacer (Standard Conf):**

High strength aluminum

**Material Lens Cover:** Thermoplastic Elastomer (TPE)

**Height of Optical Axis:** Sight and mount – 39 mm (1.2 in) measured from top surface of Picatinny/Weaver rail

**Adjustment:** Range ±1 m at 100 meters (±1 yds at 100 yds) in windage and elevation, 1 click = 15 mm at 100 meters = .5 in at 100 yds

### ENVIRONMENTAL SPECIFICATIONS

**Submersible:** 25 m / 80 ft

**Temperature Range Operation:**

-45°C to +71°C (-49°F to +160°F)

**Temperature Range Storage:**

-51°C to +71°C (-60°F to +160°F)

**Temperature Shock:** Operable after a temperature shock between -45°C and +71°C (-49°F and +160°F)

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

**Shock:** Withstands 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.

**Vibration:** 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.

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

### MOUNTING SPECIFICATIONS

**Keyed Surface Mount:** One-Piece Torsion Nut 39 mm Mount