

Duty RDS™

2 MOA - Red Dot Reflex Sight
with 30 mm One-piece TNP Mount

- 2 MOA dot size
- 30,000 hours (over 3 years) of constant operation on setting 7
- 4 night vision compatible settings, and 6 daylight settings
- Weight 108 g (3.8 oz) sight only
- Submersible to 25 meters (80 feet)
- Advanced optical lenses for enhanced light transmission and ultimate dot clarity
- Height of Optical Axis 30 mm (1.2 in) measured from top surface of mounting platform

INCLUDES: One-piece Torsion Nut Mount, Flip-Up lens covers, CR2032 battery, Allen T10 wrench

ITEM NO. 200758

PRODUCT OVERVIEW

The Aimpoint® Duty RDS is a compact, high-grade reflex optic that was designed to meet the demanding needs of the modern law enforcement officer. For US customers, [please visit](#).

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 push buttons that can easily be manipulated while wearing gloves. The pressure forged aluminum alloy housing provides durability against extreme abuse and drastic temperature changes. The Duty RDS comes with a one-piece torsion nut mount that attaches to MIL-STD-1913 picatinny rails. The sight is fully compatible with all generations of night vision devices.

The Duty RDS withstands extremely tough handling and offers Aimpoint quality at a more accessible price point.

Launched: 2022

KEY FEATURES

- One-piece Torsion Nut Mount - Integral Picatinny-style base allows easy attachment to any picatinny rail
- 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
- Advanced optical lenses for enhanced light transmission and ultimate dot clarity
- Windage and elevation adjustments are flush mounted and waterproof - eliminating the need for protective caps
- Hard anodized non-reflective surface
- A compact, high-grade red dot reflex optic designed for the modern law enforcement officer

TECHNICAL

SPECIFICATIONS

PHYSICAL SPECIFICATIONS

Size L x W x H 80 x 38 x 58 mm

Weight 142 g

Size L x W x H - Sight Only 68 x 37 x 43 mm

Weight - Sight Only 108 g

Material Housing and Tube High Strength Aluminum

Color Housing Black

Material Lens Covers Thermoplastic Elastomer (TPE)

Height of Optical Axis 30 mm / 1.2 in measured from top surface of mounting platform

Size L x W x H 3.1 x 1.5 x 2.3 in

Weight 5.0 oz

Size L x W x H - Sight Only 2.7 x 1.5 x 1.7 in

Weight - Sight Only 3.8 oz

Surface Finish Housing Anodized, Semi-Matte

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

Material Mounting Solution Aluminum

Adjustment 1 Click = 15 mm at 100 m / \approx 0.5 in at 100 yds

OPTICAL SPECIFICATIONS

Dot Size 2 MOA

Magnification 1X - No Magnification

Transmission Average >85 % in the range 420–620 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 Operationally parallax free – 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 Aperature 18 mm / 0.7 in

POWER SOURCE SPECIFICATIONS

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

Battery Quantity 1

Power Switch Push Buttons

Daylight (DL) Settings 6

Battery Type CR2032, 3V, Lithium

Battery Size CR2032

Night Vision Device (NVD) Settings 4

Start Setting Position 7 of 10

Mounting Specifications



Mounting Solution Duty RDS™ One-piece TNP Mount
30 mm

Other Mounting Information Barlock Torque: 3.0 Nm /
27 in-lbs

Torque - Mount to Sight 1.35 Nm / 12 in-lbs (Torx T10)

Technology Specifications

Operating Principle Reflex collimator sight - red dot
sight

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:
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, ± 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: X-axis:
500 g, 0.7 – 1.1 ms (3 shocks), Y-axis: 40g ± 4 g, 11 ± 1 ms
(2 shocks in each direction, Z-axis: 40g ± 4 g, 11 ± 1 ms, 2
shocks in each direction.

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