

DUTY RDS[®] MR

The Aimpoint[®] Duty RDS[®] MR is a compact and rugged reflex sight featuring Aimpoint's new multi-reticle system.

Built to withstand the demands of law enforcement - the DUTY RDS MR offers selectable reticles of 2 MOA dot, 65 MOA circle and combination.

The reticle can be adapted to the mission giving shooters rapid target acquisition at close range and precise aiming at distance - all in one optic.

Elevation and windage turrets provide tactile, audible clicks for precise zeroing. The push buttons allows easy adjustment of brightness settings while the flush-mounted design prevents accidental changes in the field.



ITEM NO.

200985 - 39 mm Mount (pictured)

200982 - 30 mm Mount

RETICLE / DOT SIZE

2 MOA Dot / 65 MOA Circle

BATTERY

1 x CR2032 Lithium 3 V

BATTERY LIFE

3 years (30,000 hours)



DUTY RDS[®] MR

CRISP RETICLE

Multi-reticle (MR), 2 MOA dot with 65 MOA circle for fast and precise aiming. Three selectable reticle modes, standard red dot, circle or both reticles combined.



INSTANT-ON MOTION ACTIVATION

Starts instantly when motion is detected.



PROFESSIONAL-GRADE DURABILITY

Pressure-forged aluminum housing. Waterproof to 25 m/ 80 ft. Shock and vibration-resistant.



OPERATIONAL BATTERY LIFE

Up to 3 years of continuous operation on a single CR2032 battery at setting 7 with dot reticle.



NIGHT VISION COMPATIBILITY

12 brightness settings including 4 NVD-compatible levels. Push buttons, easy to use.



TACTICAL DESIGN

Side-loading battery, tactile controls, and compact footprint.



MISSION-PROTECTED LENSES

Recessed lenses and rugged housing protect optics from impact and debris. Comes equipped with flip-up lens covers.



FIELD-READY MOUNTING SYSTEM

Delivered with fixed mount* for picatinny rail - ready for duty out of the box.

* Available mounting configurations; high (39 mm) or (30 mm) mount

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TECHNICAL SPECS



OPTICAL SPECIFICATIONS

Parallax: Operationally parallax free - No centering required
Operating Principle: Reflex collimator sight with LED
Magnification: 1X - No magnification
Reticle / Dot Size: 2 MOA Dot / 65 MOA Circle, Multi Reticle (MR)
3 selectable reticle modes; dot (1), dot and circle (2) or circle (3)
Reticle / Dot Color: Red
Light Source Wavelength: 650 nm red light
NVD Compatible: Yes

Optical Signature: No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD
Optical Coating: Anti-reflex, all surfaces and multi-layer coating objective lens
Transmission: Average >80 % in the range 420 - 900 nm
Clear Aperture: 18 mm / 0.7 in
Eye Relief: Unlimited

POWER SOURCE SPECIFICATIONS

Battery Type: 1 x CR2032 Lithium 3 V
Battery Life: 3 years (30,000 h) of continuous use at daylight setting 7 with dot reticle (15,000 Lux, room temperature)
Power Intensity: 4 NVD and 8 Daylight

Start Setting Position: 8 of 12
Power Switch: Push buttons
Motion Activation Function: A instant-on power saving feature, sight enters sleep mode after inactivity then reactivates instantly.

PHYSICAL SPECIFICATIONS

Size L x W x H (sight only): 68 x 37 x 43 mm / 2.7 x 1.5 x 1.7 in
Weight (sight only): 110 g / 3.9 oz
Housing Color: Black to dark gray
Housing Finish: Anodized, non-glare
Housing Material: Pressure-forged high strength aluminum
Material Mount: Aluminum
Material Lens Cover: Thermoplastic Elastomer (TPE)
Lens Covers: Flip-up lens covers, front solid and rear transparent

Height of Optical Axis:
Measured from top surface of mounting platform
200982: 30 mm / 1.2 in (Mount 30 mm)
200985: 39 mm / 1.5 in (Mount 39 mm)
Adjustment Range: ±1 m at 100 m / ±1 yd at 100 yds in windage and elevation
Adjustment: 1 click = 14 mm at 100 m / ≈ 0.5 in at 100 yds

ENVIRONMENTAL SPECIFICATIONS

Submersible: 25 m / 80 ft
Temperature Range Operation: -46°C to +71°C / -51°F to +160°F
Temperature Range Storage: -46°C to +71°C / -51°F to +160°F
Temperature Shock: Operable after a temperature shock between -46°C and +71°C / -51°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: Operable before and after shock; 800 g, 10,000 shocks
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



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