

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



Visit the Aimpoint website for more Item No. specific technical details, aimpoint.us
All specifications are typical and subject to change without notice.
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