

D2S DMR⁺

Technical Data Sheet



Revolutionary Digital Optical Systems

02S DMR+

AT A GLANCE

< 2,500 m OPERATION RANGE	5,500+ m LASER RANGE FINDER	Ultra High Res. OPTICAL CAMERA	>300× TOTAL ZOOM	2.1 kg WEIGHT DMR+
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KEY SPECIFICATIONS

OPTICS & IMAGING		SENSORS & NAVIGATION	
Optical Camera	Ultra high-resolution digital camera sensor with output at 30 FPS	Environmental	Temperature · Pressure · Humidity · Local Gravity
Infrared Camera	On customer request	Positional	Multi-gyro — elevation, yaw and cant angles
Thermal Optic	On customer request	Satellite Navigation	6 worldwide GNSS reference systems
Total Zoom	>300×	Target Tracking	Stationary and moving objects in view area
Display	Ultra-bright, ultra high-resolution OLED display in 1:1 ratio (3,000 nits)	Operating Temperature	-30 °C to +70 °C
Ocular	No lens shadow effect & no eye relief / focal distance	PHYSICAL & POWER — DMR+	
RANGE & WIND DETECTION		Weight	2.1 kg
Engagement Range	< 2,500 m	Dimensions (L × W × H)	350 × 100 × 95 mm
Laser Range Finder	Over 5,500 m	Shock Resistance	Up to 12.7 / 14.5 mm — 40 mm LV & MV
Wind Correction	Manual or vocal input (speed & direction); optional automatic detection via ultrasonic sensor over Bluetooth	Battery Capacity	20,000 mAh
Caliber Range	5.45 mm – 20 mm	Runtime — Full Power	~6 h
		Runtime — Normal Ops	effective ~24 h
		Runtime — Energy Saving	standby up to ~72 h

KEY FEATURES & FUNCTIONS

BALLISTICS & FIRE CONTROL		AI & DIGITAL PROCESSING	
Targeting Adjustment	Instant crosshair adjustment relative to target for ballistic trajectory	Object Recognition	AI-based target identification & classification
Ballistic Database	Multiple ammunition profiles with instant selection; data via EB-MK ONE radar analyzer	Voice Control	Full hands-free operation via voice recognition for all core functions
Target Lock	Single button or voice activated — target with visual marker tracking even with movement	Image Processing	Mirage and atmospheric distortion reduction at long range
Engagement Speed	<10 seconds	Engagement Recordi...	On board camera stream recording for after-action review
NETWORK & C2 INTEGRATION		OPERATIONAL	
Data Links	WiFi · Bluetooth	Night Operation	Low light capable via high digital gain from camera
Battle Management	Marked targets on map with coordinates, map overlays, points of interest	Operator Proficiency	Very low required capability entry level for operation
Tactical Map	Own position, view direction, friendly and hostile markers; street and topographic maps	Forward Observation	Extended-range target acquisition beyond effective engagement range
Real-Time Camera St...	Camera stream transmitted via WiFi through IP to networked devices		

The D2S DMR+ Digital Scope represents a breakthrough in optical technology, combining cutting-edge digital imaging with advanced ballistic computation to deliver superior targeting accuracy in all operational conditions.

A high-precision computerized targeting optic designed for universal use with small arms ranging from 5.45mm to 20mm calibers. Combines sophisticated electronics and software for safe, accurate targeting from 25m to 1,200m (standard) or up to 2,500m (super long range edition). Enables novice or untrained operators to achieve expert-level results by automating ballistic calculations and firing processes.



D2S DMR+



MADE IN UAE

„Engineering the Future of Defence in the Heart of the GCC“

**CEBAR OPTICAL MAGNIFYING
INSTRUMENTS MANUFACTURING - L.L.C**

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