



OVERVIEW

Proudly the Smallest and Lightest LRF System in its Class. The Miniature Advanced Rangefinder System – Commercial (MARS-c) brings precision weapon-mounted laserrangefinding capability to the user in an exceptionally smallform factor. With an integrated Applied Ballistics solver, visible and Near Infrared (NIR) pointers, NIR illuminator, and Bluetooth interface to external peripherals such as the Kestrel weather meter, the MARS delivers >2,000m range performance in an affordable package weighing less than 8oz.

USER BENEFITS

- **Ultra-compact with full-power capability:** Weighs under 8 oz and ranges targets >2,000m with a 1550nm laser.
- **Built-in Applied Ballistics® solver:** Calculates real-time windage and elevation using gun profiles and environmental data.
- **Adjustable laser power:** Configurable VIS and IR output based on mission needs.
- **Included Environmental Sensors:** Temperature and pressure to eliminate guesswork and increases long-range lethality.
- **Multiple Ranging Modes:** Switch between Speed, Precision/Long Range, or Continuous Scan Modes.
- **First / Last / Best return logic:** Confirms target in cluttered environments.
- **Haptic feedback:** Vibration feedback to know when you're on target
- **Integrated Bluetooth:** 2-way Bluetooth for integration with external devices such as smartphones, digital weapon sights, or a Kestrel weather meter.
- **OLED Display:** Found under settings, screen will rotate to remain upright for any rail-mounted configurations.
- **Glove-friendly 3-button interface:** Simple, intuitive control under pressure.
- **Remote switch compatible:** Comes with 12" or 20" cable options.
- **Built for combat:** Waterproof up to 1 meter, recoil-rated, and reliable from -4°F (-20°C) to + 140°F (60°C).
- **Mounting:** MIL-STD-1913 rail interface to mount to a wide variety of weapon platforms.
- **Units of Measure:** Imperial, Metric, or Mixed units
- **Single CR123A powered:** >2,000 range activations per battery.

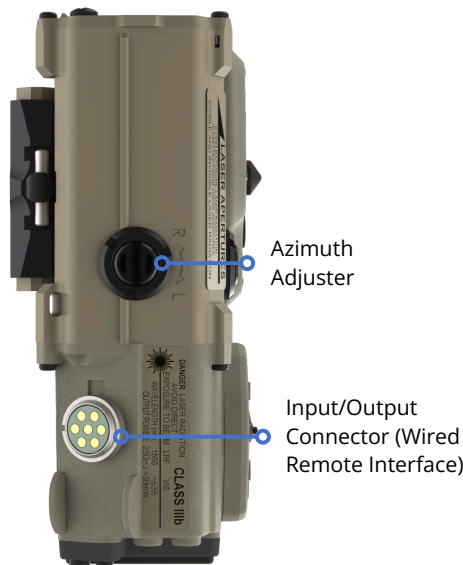
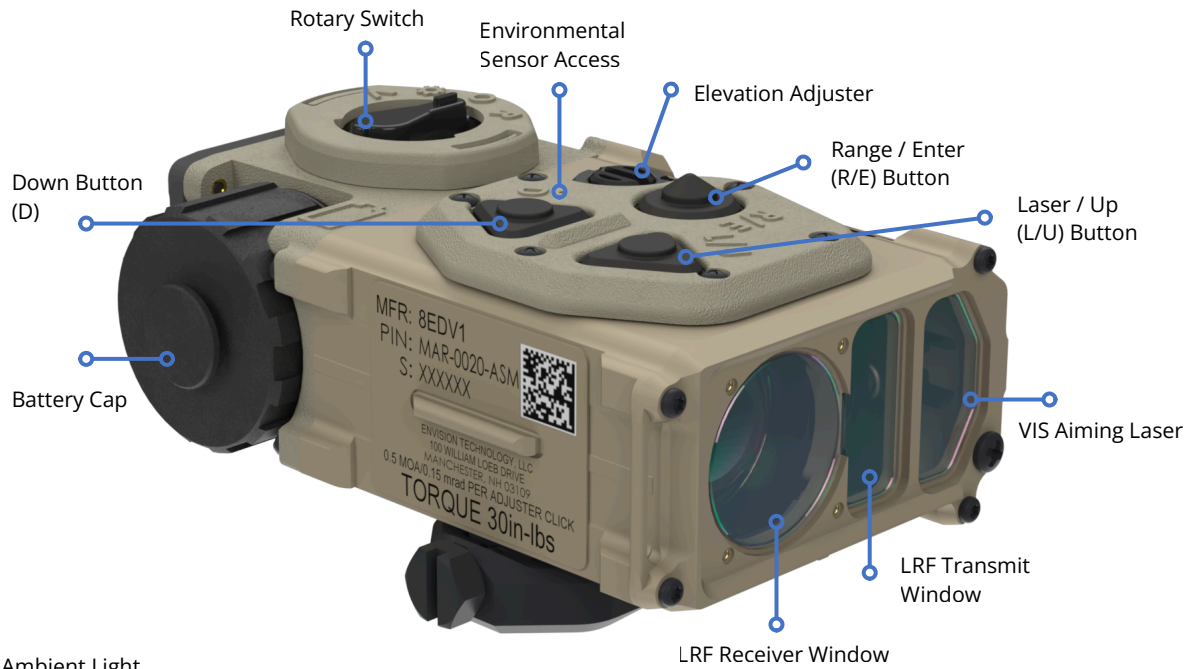
MARSc FEATURES

LRF	~1550nm, Class 1 >2,000m on 30% reflective man-size target >3,000m on 30% reflective NATO target
Weight	Without Battery: 6.6oz (187g) With Battery: 7.2oz (204g)
Dimensions	L: 3.9" (99mm) with lens cover deployed W: 2.8" (66mm) with lens cover stowed H: 1.4" (35mm) above rail
Power	Single CR123A Battery
Mounting Interface	MIL-STD-1913 Rail Grabber
Wireless Interface	2 Way Bluetooth
Ballistic Computer	Applied Ballistics, Integrated
LRF Modes	Speed, Precision, Scan (rapid)
User Interfaces	Three-button remote, rotary switch
Visible Pointer	
Output Power	3.0mW Low Power (Class 3R)
Divergence	0.3mR
Wavelength	~640nm
NIR Pointer	
Output Power	0.3mW Low Power (Class 1)
Divergence	0.3mrad
Wavelength	~850nm
NIR Illuminator	
Output Power	4.0mW Low Power (Class 1)
Divergence	1-6 degrees
Wavelength	~860nm

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Available Accessories & Spares
MARS Fix It Stick
3-Button Remote, 12" / 20"
Mode Select Switch Assembly and Bezel, Spare
Lens Cover Assembly, Spare
Battery Cap Assembly, O-Ring & Strap, Spare
Protective Case, Spare
Mode Select Switch Assembly and Bezel, VIS Only, Spare



LASER APERTURES
AVOID EXPOSURE-LASER RADIATION IS EMITTED FROM THESE APERTURES
VISIBLE AND INVISIBLE LASER RADIATION

DANGER: LASER RADIATION CLASS IIIb
AVOID DIRECT EXPOSURE TO BEAM LRF VIS
WAVELENGTH (nm): 1550 ~638
OUTPUT POWER: 250mJ <50mW