



OVERVIEW

The Miniature Advanced Rangefinder System - Light (MARS-L) brings precision weapon-mounted laser rangefinding capability to the user in an exceptionally small form factor. With an integrated Applied Ballistics solver, visible pointer, and Bluetooth interface to external peripherals such as the Kestrel weather meter, the MARS-L delivers >2,000m range performance in an affordable package weighing less than 8 oz.

USER BENEFITS

- Extremely compact and lightweight design minimizes impact on the host weapon system
- Speed and Precision modes for fast response or far-target rangefinding
- Scan mode (rapid) for easy target discrimination
- Haptic Feedback during rangefinding
- Integrated Applied Ballistics solver to compute target holds for increased lethality
- Integrated Bluetooth interfaces to external devices such as the Kestrel Weather Meter and/or external displays
- Ability to quickly adjust the visible pointer intensity for easier boresighting
- Intuitive user interface
- Imperial, Metric, or Mixed units
- Adjustable display and LED brightness for day or night operation
- MIL-STD-1913 rail interface to mount to a wide variety of weapon platforms
- Ability to rotate display text for multiple mounting positions
- Operates on a single CR123 battery

MARS-L FEATURES

Weight	< 8 oz.
Dimensions	< 3.9" x 2.6" x 1.5" (Above Rail)
Power	Single CR123 Battery
Mounting Interface	MIL-STD-1913 Rail Grabber
Wireless Interface	2 Way Bluetooth
Ballistic Computer	Applied Ballistics
LRF	1550nm, Class 1 >2,000m on 30% reflective man-size target >3,000m on 30% NATO target
LRF Modes	Speed, Precision, Scan (rapid)
Visible Pointer	
Output Power	3.0mW Low Power (Class 3R) / 38mW High Power (Class 3B)
Divergence	0.3mrad
Wavelength	640nm

