



COBRA

Compact Lightweight Laser Rangefinder

COBRA is a unique, compact laser rangefinder for the dismounted soldier. It is designed for simple operation, with a single button providing range, azimuth and/or elevation data. All data are displayed simultaneously on a viewing channel in X6 magnification. When powered by two 3V batteries (CR123), COBRA enables ~2,000 range measurements from 50-2500 m, and can calculate distance and relative position between two targets. It can share acquired data with external C² systems via RS-232. The device is also mountable on a tripod for improved observation and measurement performance.

- Advanced 16-segment, multiple 5-character row display.
- Ideal for infantry units, special forces, forward observers, aircraft fire support and reconnaissance patrols.

- »» Fully eye-safe (Class 1) LRF
- »» Ruggedized metal enclosure
- »» Standoff measurement of object height/width
- »» High survivability
- »» Optional Inclinator
- »» Optional USB communication
- »» Optional Digital Magnetic Compass

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Technical Characteristics

Optics & Sensors

Viewing Channel	X6 magnification with display overlay
Field of View	6°
Display Type	Advanced 16-segment (alpha-numeric); Multiple 5-character rows
Reticle Color	Red
Diopter Adjustment	-5 to +5

Laser Rangefinder (LRF)

Wavelength	1.55 mm, Class 1, fully eye-safe
Range Measurement	50 – 2500 m
Range Accuracy	±5 m

Digital Magnetic Compass & Inclinometer (Optional)

Azimuth Range	360° or 6400 mils
Azimuth Accuracy	1° RMS
Elevation Range	±40°
Elevation Accuracy	1° RMS

Electrical

Power source	2 x 3V Lithium CR123 batteries
Indicators	Low voltage
Power Save	Power shuts down automatically after 2 min in a stationary condition
Communication	RS-232 (USB optional)

Physical

Dimensions	144x66x149 mm
Weight	<1.1 g
Tripod Interface	Standard ¼"UNC adapter

Environmental

Complies with MIL-STD-810F



Easily - accessible controls



Compact dimensions



Low-profile design



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Specifications subject to change at any time

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The manufacturer has a policy of continuous improvements and reserves the right to make changes without prior notice 10/08