

CLRF IC

Common Laser Range Finder Integrated Capability



CLRF IC is the newest in advanced, lightweight handheld targeting systems. In less than 3 pounds CLRF IC provides a rugged day and night solution for targeting, reconnaissance, surveillance, force protection and law enforcement.

Features

- High definition color day camera
- SWIR night camera
- Eyesafe Laser Range Finder
- Digital Magnetic Compass
- GPS
- MIL-STD-810-G qualified

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Selected by the United States Marine Corps to meet their missions needs, the CLRF IC provides a rugged day/ night capability for reconnaissance, surveillance and targeting operations. CLRF IC employs the latest in advanced and lightweight handheld technologies and features cameras for both day and night viewing, eyesafe laser rangefinder, digital magnetic compass and global positioning system. Powered by either L91 or CR123 batteries, the system can recognize targets beyond 3 kilometers day and 1 kilometer night. Optional features include non-magnetic north finding and connections for external power and video/data output.

Technical Specifications

- Weight: <3lbs (1.4 kg)
- Color Day Imager: >3km recognition range to NATO target
- SWIR Night Imager: >1km recognition range to NATO target
- 1.5 μ m Eyesafe Laser Range Finder
 - >4km to NATO target
 - >10km to Extended target
- Display: Full color OLED
- Digital Magnetic Compass: <8mil error
- Global Positioning System: SAASM or commercial
- Internal Batteries: L91 or CR123
- External Power: BA5590/BA2590 compatible
- Options:
 - Non-magnetic Northfinding
 - Tripod
 - Image out
 - Video out
 - Data out
 - External connections



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