



ARES-L

Azimuth & Ranging Engagement System - Longwave



ARES-L is the newest in advanced, lightweight handheld targeting systems. In less than 3.5 pounds, ARES-L provides a rugged day and night solution for targeting, reconnaissance, surveillance, force protection and law enforcement.

Features

- High definition color day camera with digital zoom
- Longwave Infrared (LWIR) night camera
- Eyesafe Laser Range Finder
- Digital Magnetic Compass
- GPS
- MIL-STD-810G qualified

The ARES-L provides a rugged day/night capability for reconnaissance, surveillance and targeting operations. ARES-L employs the latest in advanced and lightweight handheld technologies and features cameras for both day and night viewing, an eyesafe laser rangefinder, a digital magnetic compass and, a global positioning system. Powered by either L91 or CR123 batteries, the system can recognize targets beyond 5 kilometers during the day and 1 kilometer at night. Optional features include non-magnetic North finding and connections for external power and video/data output.



Technical Specifications

- Weight: <3.5lbs (1.6kg)
- Color Day Imager: > 5km recognition range to 2.3 meter NATO standard target, V50 = 12, light haze/8 km visibility day
- LWIR Night Imager: > 1km recognition range to 2.3 meter NATO target, V50 = 12, light haze/8 km visibility, no ambient illumination
- 1.5 μ m Eyesafe Laser Range Finder
 - >5km ranging to a 2.3 x 2.3 meter NATO standard target with 10% reflectivity on a 7km visibility day
 - >10km to extended target
- Display: Full color Organic Light Emitting Diode (OLED)
- Digital Magnetic Compass with Micro-ElectroMechanical Systems (MEMS) gyros: <10 mils error
- Global Positioning System: Selective Availability Anti-Spoofing Module (SAASM) or commercial
- Internal Batteries: L91 or CR123
- External Power: BA5590/BA2590 compatible
- Options:
 - Tripod
 - Video out
 - Data out
 - External connections
- Communications:
 - GPS 5029 (SAASM only)
 - RS422
 - RS232



ADS

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