

ELOP CORAL-LS

Hand-held Thermal Imaging Camera/Sight for Ground Laser Designators with 1.06 μ m “See-Spot” Capability



Selected by the USMC

AN/PAS-25

Main Advantages & Features

- Based on the field-proven CORAL
- Extended range performance
- Long-range 1.06 μ m “See-Spot” capability
- Matches all Elop GLD models (PAL, PLLD, PLDR, Serpent)
- Adaptable to other legacy GLDs
- GLD data appears on CORAL-LS display
- Enables uncompromised 24/7 GLD operational capability
- Lightweight and compact
- Advanced InSb FPA detector
- Low acoustic noise

Applications

- Thermal night sight for ground laser designators
- Thermal camera for FAC and forward observer applications



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Options

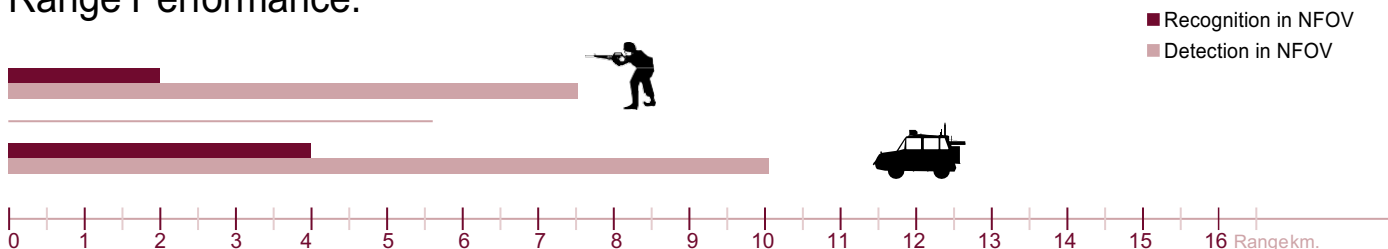
Add-on laser pointer



Technical Data

Spectral band	3-5µm and 1.06µm
Entrance aperture	80 mm
Fields of view:	
Narrow	1.5° x 1.1°
Wide	5.0° x 3.7°
E-zoom	Continuous x1 to x4
Detector:	
Type	InSb FPA
No.of elements	320 x256
Cooler	Stirling closed cycle, integral with dewar
Video signal	CCIR orRS170
Display	Miniature, high-resolution OLED
Viewer	Binocular, adjustable
Power source options	Disposable battery, rechargeable battery or external AC/DC or DC/DC power source (via adapter)
System weight	3.6 kg (including battery)
Environmental conditions	IAW MIL-STD-810F
Operating temperature	-30°C to + 55°C

Range Performance:



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