

ELOP CORAL

Hand-held, 3-5 μ m Thermal Imaging Binocular Camera



Selected by the USMC

AN/PAS-22

Main Advantages & Features

- Lightweight and compact
- Ruggedized construction
- Long-range performance
- Low acoustic noise
- Continuous electronic zoom
- High resolution OLED display
- Fully adjustable binocular viewer
- Uses standard NSN batteries
- Designed and qualified IAW MIL-STD-810F

Applications

- Infantry, scouts and special forces
- Border, coastal and perimeter defense
- Security and special police forces
- Night sight for target acquisition systems, ground laser
- Designators and weapon systems



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Options

- Add-on x2 telescope
- Clip-on laser pointer

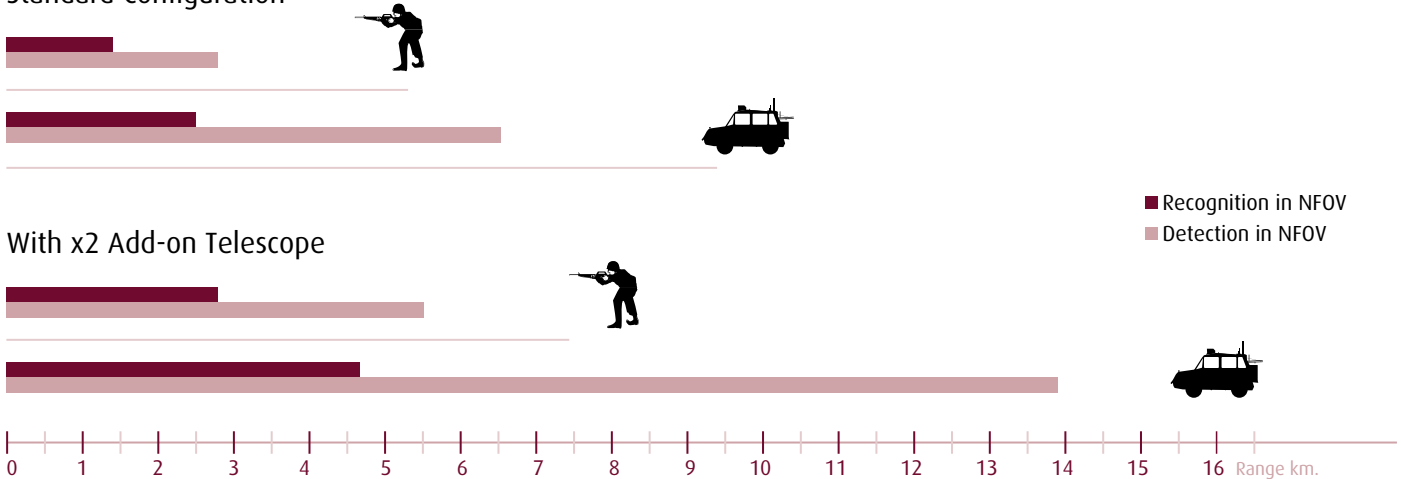


Technical Data

Spectral band	3-5 µm	Viewer	Binocular, fully adjustable
Entrance aperture	50 mm	Comm. port	Serial, RS422
Fields of View:	x8 continuous optical zoom	Power sources options	Rechargeable, disposable, external AC or DC
- Narrow	2.7° x 2.2°	Weight	2.9 kg (including battery)
- Wides	8.2° x 6.6°	Operating temperature	-30°C to +55°C
Electronic zoom	x1 to x4, continuous	Environmental conditions	IAW MIL-STD-810F
Detector	InSb FPA		
Cooler	Stirling closed cycle, integral with dewar		
Video signal	CCIR or RS170		
Video-out connector	BNC		
Display	Miniature, high resolution OLED		

Range Performance:

Standard Configuration



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