CORAL-Z

Advanced, Hand-held 3-5µm Lightweight Thermal Imaging Camera with Continuous Optical Zoom



Main Advantages & Features

- · Continuous IR optical and digital zoom
- Long-range performance
- Advanced high resolution detector
- Advanced high resolution color OLED display
- · Adjustable binocular viewer
- Low acoustic noise

Applications

- · Infantry, scouts and special units
- Security and perimeter defense
- · Night sight for Future Soldier



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Options

Add-on x2 telescope Clip-on laser pointer

Technical Data

Spectral band 3-5µm Entrance aperture 40 mm Fields of view (continuous zoom):

Narrowest 2.5° x 2.0° (CCIR) Widest 12.5° x 10.0° (CCIR)

Digital zoom (E-zoom) x2, x4

Detector

Type InSb FPA No.of elements 480 x 384

Cooler Stirling closed cycle

Video signal **CCIR**

Miniature, high resolution color OLED Display

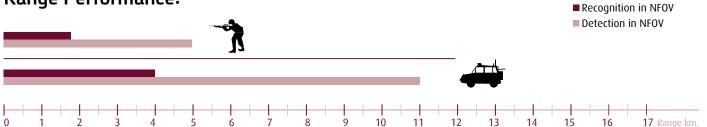
Viewer Adjustable binocular Rechargeable battery Power source options:

External AC/DC or DC/DC power source

Weight 2.5 kg (incl. battery) -30°C to +55°C Operating temperature **Environmental conditions** IAW MIL-STD-810F

Day CCD - WFOV 10° VIS+NIR

Range Performance:





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