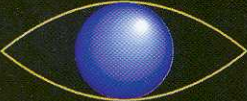
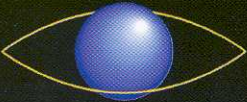
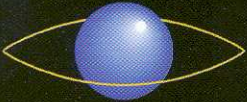
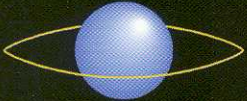
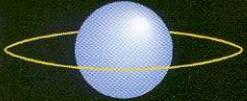
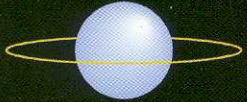




CLOVIS

Man Portable Thermal Imaging Camera/Sight





CLOVIS

Man Portable Thermal Imaging Camera/Sight

Description

CLOVIS is an extremely performant, man portable, compact and rugged, dual Field-Of-View thermal imaging camera/sight for day and night observation and reconnaissance. It was developed to be used for stationary and mobile observation posts and target acquisition systems. CLOVIS is especially suited for surveillance missions and can be used as a stand-alone device, mounted on tripod or integrated in a platform.

The system offers a high image quality and is extremely user friendly.

Applications

- Ground to ground observation posts
- Man portable target acquisition systems
- Anti-tank missile launchers sights
- Laser designators
- Air defence weapon systems
- Naval and coastal observation tasks

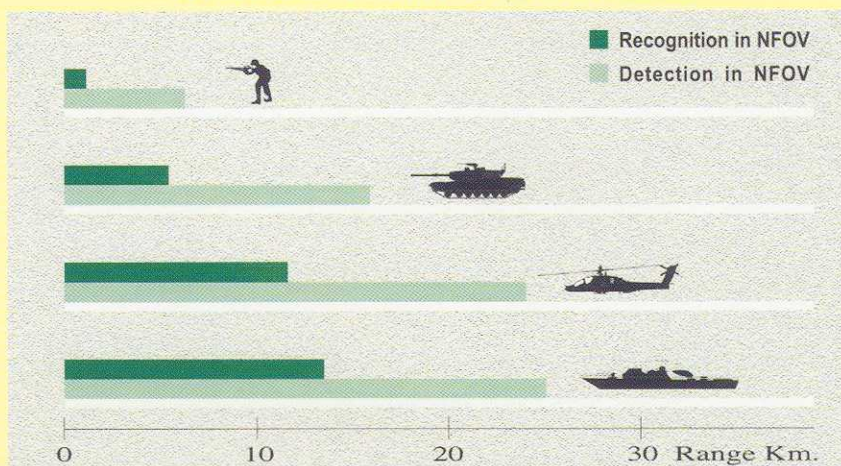
FEATURES

- Excellent image quality
- Compact
- Ruggedized
- Easy operation
- Remote controlled
- Low power consumption
- High reliability
- High MTBF

Quality

The quality management system applied by OIP Sensor Systems for design, development and manufacturing of opto-electronic systems, is compliant with and includes the requirements of ISO 9001:2000, AQAP-110 Ed.2, ECSS-Q-20A and has been certified by the British Standard Institute under certificate N° FM 80768.

RANGE PERFORMANCE



TECHNICAL SPECIFICATIONS

Wavelength	: 3-5 μ m
Entrance aperture	: 76 mm
Detector - type	: InSb, 320x256 elements
Cooler	: Stirling closed cycle
Cool-down time	: \leq 10 min.
Field-Of-View	
Narrow (NFOV)	: 2° x 1.5°
Wide (WFOV)	: 6° x 4.5°
E-Zoom	: 1° x 0.75°
Video signal	: CCIR (RS170 optional)
Communication port	: RS-422, enables full remote control operation

Power sources

- Disposable batteries
- Rechargeable batteries
- External 24 VDC power source

Mechanical

- Weight (excl. batteries) : 5.8 kg
- Dimensions (WxLxH) : 265x395x236 mm

General

- Operating temperature : -20°C to +60°C
- Storage temperature : -30°C to +65°C
- Environmentals : MIL-STD-810E

Data are for information only and can be subject to change without prior notice.
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