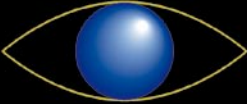
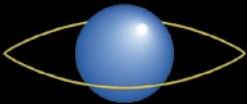
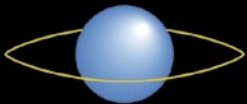
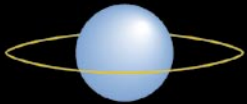
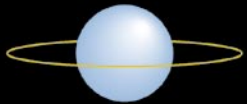


# VINIRIS-E

Visible and Near-InfraRed Imaging System



# VINIRIS-E

## Visible and Near-InfraRed Imaging System

### Description

Lightweight day optical module for combat vehicles. CCD camera (TV): 1/4 " high-resolution color CCD camera with x26 optical zoom and remote control over the zoom, focus, AGC, shutter, etc.

### Applications

- Combat vehicle observation
- Combat vehicle weapon stations
- Remote controlled and unmanned combat vehicles
- Lightweight weapons
- Weapon detection system
- Urban warfare

### Features

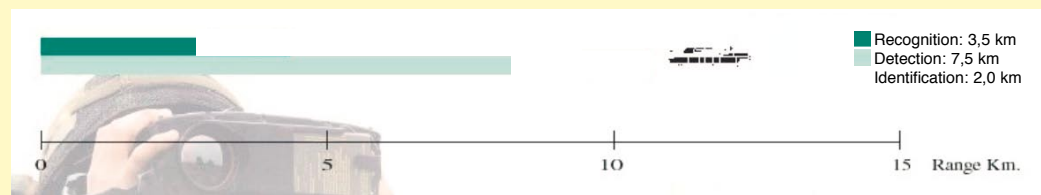
- Compact design
- TV camera for day observation
- Selectable zoom FOV for increased range
- Graphic overlay option
- Ruggedized for combat vehicle environmental conditions
- Remote control via communication link
- Interface to central command & control

### 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-2110 Ed.2, ECSS-Q-20A and has been certified by the British Standard Institute under certificate N° FM 80768.



Range performance of VINIRIS-E at 3° x 2,3° FOV for a NATO target of 2,3m x 2,3m with 20km visibility



## TECHNICAL SPECIFICATIONS

### VIS/NIR Camera

Sensor	: 1/4" colored CCD
Optical zoom ratio	: 26 x
Sun protection (auto)	: 100000 Lux 1120 W/m <sup>2</sup>
Video output	: PAL or Y/C

**Weight** : 2,5 kg

**Dimensions (LxWxH)** : 153mm x 127mm x 109mm

**Environmentals** : Mil-Std-810F

**Shock and vibration** : Mil-Std-810F

### Temperatures

Operating	: -32°C to +55°C
Storage	: -33°C to +63°C

### Electronics & Power Units

Power supply	: 24 volts (MIL-STD-1275)
EMC / RFI	: Mil-Std-461 E
Power Consumption	: 5 W nom / 15 W warning
Communication protocol	: RS485

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

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