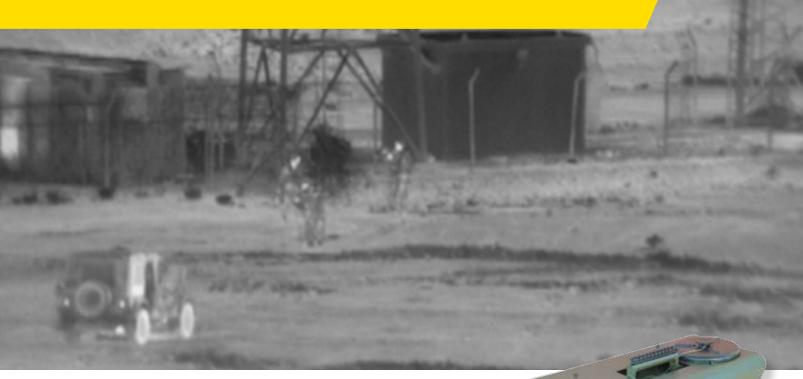
# **LONG VIEW 6**

Ruggedized Long Range Thermal Imaging Observation System with Continuous Optical Zoom



### Main Advantages & Features

- State of the art TI Technology
- Outstanding Long-range performance
- IR continuous optical zoom
- High-end digital detector
- A lightweight package ruggedized for harsh environment
- · Simple operation from any remote console via standard communication

### **Applications**

The LONG VIEW 6 Thermal imager is intended especially for remote operation applications in harsh environments such as:

- High-end Observation towers and vehicles
- · Surveillance systems
- Mobile / Stationary weapon turrets
- · Air defense systems



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# Ruggedized Long Range Thermal Imaging Observation System with Continuous Optical Zoom

#### Technical Data

Spectral band Optical zoom

NFOV WFOV

Nominal Focal length

Aperture Detector type No. of elements

Cooler **Dimensions** Weight Video signal Communication

**Environmental conditions** Operating temperatures

Supply voltage Input power

**MWIR** 

> X16, continuous  $< 0.74 \times 0.6$  (CCIR) >12.5 x 10 (CCIR) 770mm (NFOV)

6" InSb FPA 640 x 512

Stirling closed cycle

510mm(L) x 258 mm(W) x 254mm(H)

< 10kg PAL

RS422 or Ethernet

IAW MIL-STD-810F -32°C to +55°C

28 Vdc nominal IAW MII-STD-1275AT

< 50 W @ steady state

## Range Performance

| Object<br>Dimensions  | ī   | Calculated<br>Detection Range,<br>[m] | Calculated<br>Recognition<br>Range, [m] |
|-----------------------|-----|---------------------------------------|---|
| 0.5m X 1.75m<br>HUMAN | 5°C | 20Km                                  | 8Km                                     |
| 2.3m X 2.3m<br>NATO   | 2°C | 34Km                                  | 16Km                                    |
| 3m X 6m<br>SHIP       | 2°C | 30Km                                  | 18Km                                    |



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