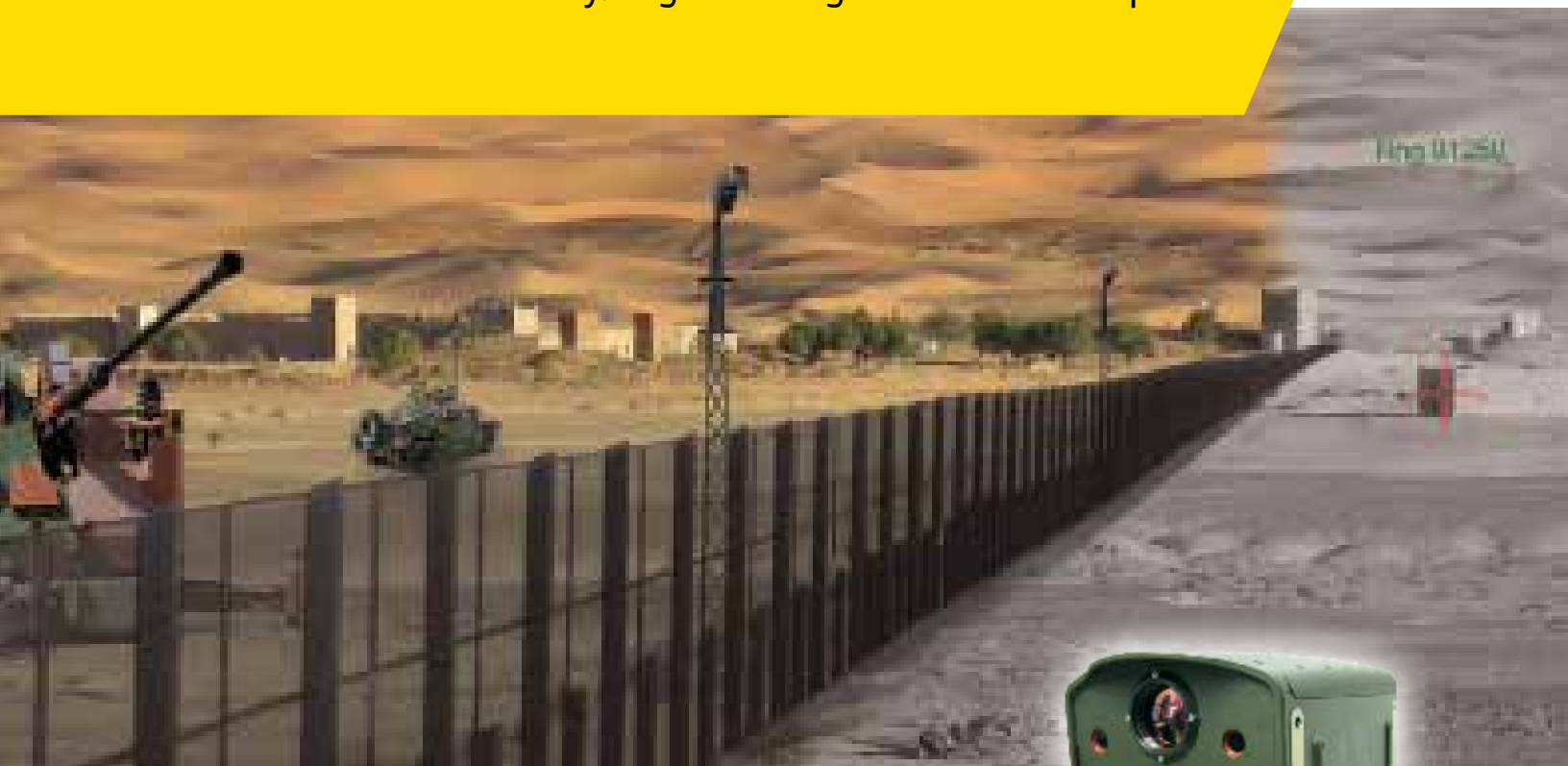


ELOP LIZ

Advanced Multi-Sensor Day/Night EO Sight for Remote Operations



Main Advantages & Features

- Advanced, grounded TI technology
- Advanced high resolution detector
- Long-range performance
- IR optical zoom
- Telescope magnifier
- Color day camera with continuous zoom
- Integral eyesafe LRF
- Small lightweight package, ruggedized for harsh environment
- Simple operation from any remote console via standard communication and video transmission

The Solution

- Observation & surveillance operations
- Security & perimeter defense
- Stationary & mobile weapon sight

ELOP LIZ

Advanced Multi-Sensor Day/Night EO Sight for Remote Operations

Technical Data

Thermal Imager:

Spectral band	3-5 μ m
Entrance aperture	40 mm
F/#	F/5.5

Fields of view (continuous zoom X5, discrete WFOV)

• Narrow	2.5° x 2.0°
• Continuous zoom range	2.5° to 12.5°
• Widest	20° x 25°
Digital zoom (E-zoom)	Up to x3
Telescope magnifier	X1.4 / X2

Detector

• Type	InSb FPA
• No. of elements	640 x 512
Cooler	Stirling closed cycle
Video signal	CCIR

Day CCD:

• Continuous zoom	X36
• NFOV	1.7°
• WFOV	57°

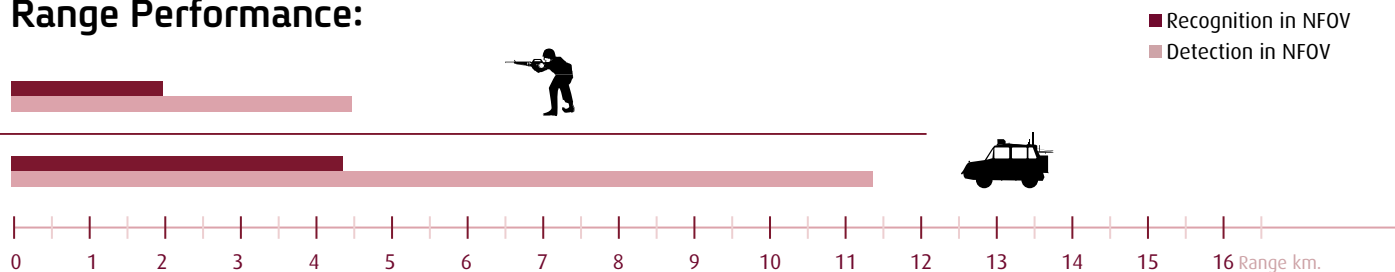
LRF:

Type	Erbium Glass
Wavelength	1.54 μ m
Laser safety	Eyesafe (Class 1)
Range to NATO-size target	6 km
Effective range	20 km

Power source options	20-30VDC (MIL-STD-1275 compliant)
Weight	9 kg
Environmental conditions	IAW MIL-STD-810F
Operating temperature	-30°C to +55°C



Range Performance:



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