

# ELOP Long View CR

Advanced Very Long-range Portable Multifunction  
Day and Night Target Acquisition System



LONG VIEW CR is a versatile combined day/night system for excellent long-range observation and target acquisition. Integrating a long-range zoom, day channel, eyesafe laser rangefinder, GPS, magnetic compass, and mounted on a goniometer (Mini Atlas), LONG VIEW CR is an outstanding tool for acquiring targets and engaging fire from long ranges.

## Main Features

- Long-range high resolution thermal channel
- Long-range monochrome day camera
- Integral DMC, GPS and eyesafe LRF
- High resolution OLED display; no need for diopter adjustment
- High accuracy electronic goniometer
- Remote control (Atris) option
- Video recording capability 8 hours
- Integral target data bank
- Complete interface to C<sup>4</sup>I applications
- Lightweight & completely dismountable

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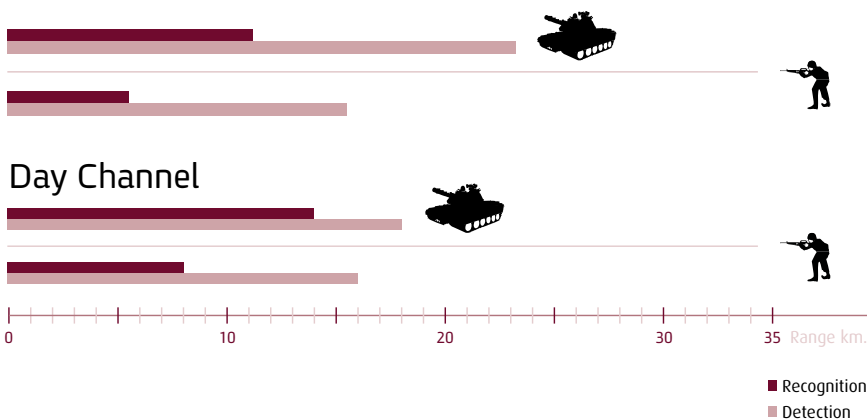
## Advanced Very Long-range Portable Multifunction Day and Night Target Acquisition System

### Technical Data

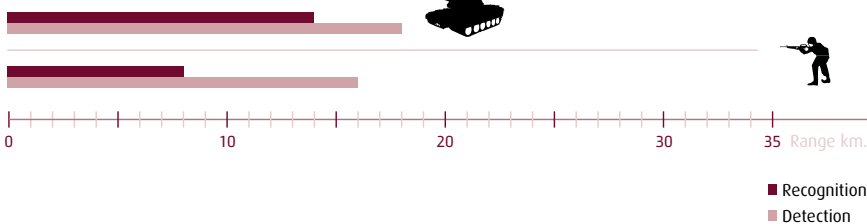
Thermal Imager		Laser Rangefinder	
Spectral band	MWIR	Wavelength	1.54µm
IR Detector	InSb, 640x512 elements	Laser safety	Class 1 – IAW IEC 60825-1 2007-03
Fields of View (FOV)	Continuous optical zoom X >16 H-NFOV < 0.75° H-WFOV > 12.5° H-NFOV with x2 Ezoom < 0.375°	Range	12 km for NATO target
Digital zoom	X2, X4		
		Northing	
CCD Cameras		Azimuth accuracy	1 deg RMS 1mRad may be achieved with goniometer (Mini Atlas)
NFOV Single FOV Spotter	H-FOV <0.4° monochrome CCD (focal length 1000mm) H-NFOV with x2 Ezoom < 0.2°		
		GPS	C/A mode, 12 channels
Medium and Wide FOV Color/BW	Continuous optical zoom X >16 H-WFOV > 29° H-NFOV < 1.8° H-NFOV with x2 Ezoom < 0.9°	Horizontal accuracy	8 m (1σ)
Eyepiece	Binocular. May be used with glasses with inter pupil adjustment; no need for diopter adjustment; high resolution color OLED	Power sources	Rechargeable battery or 24 VDC external (optional)
Interfaces			
• Video out • Communication	CCIR RS422, Ethernet, BNC	Weight	<12.5 kg, excl. electronic goniometer
		Environmental conditions	IAW MIL-STD-810F
Operating time	> 7 hrs. (one battery)	Operating temperature	-32°C to +55°C

### Range Performance

#### Thermal Channel



#### Day Channel



### Applications

- Long-range intelligence and surveillance units
- Special forces
- Long-range reconnaissance vehicles
- Stationary observation posts



#### Elbit Systems Ltd.

Advanced Technology Center, P.O.B 539, Haifa 31053, Israel  
E-mail: [istar@elbitsystems.com](mailto:istar@elbitsystems.com) [www.elbitsystems.com](http://www.elbitsystems.com)

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