

# ELOP LILY-M

Uncooled, Dual FOV, Medium Range Thermal Weapon Sight (TWS)



## Main Advantages & Features

- Extended range performance
- Dual optical FOV
- Electronic zoom X2
- High resolution OLED display
- Friendly user interface
- Ruggedized construction
- Silent operation
- Short ready time
- Rechargeable or disposable batteries
- Long battery endurance
- Split configuration (sensor - viewer) - optional

## Applications

- Medium/heavy machine guns
- Sniper rifles
- Recoilless rifles
- Grenade launchers
- Observation systems

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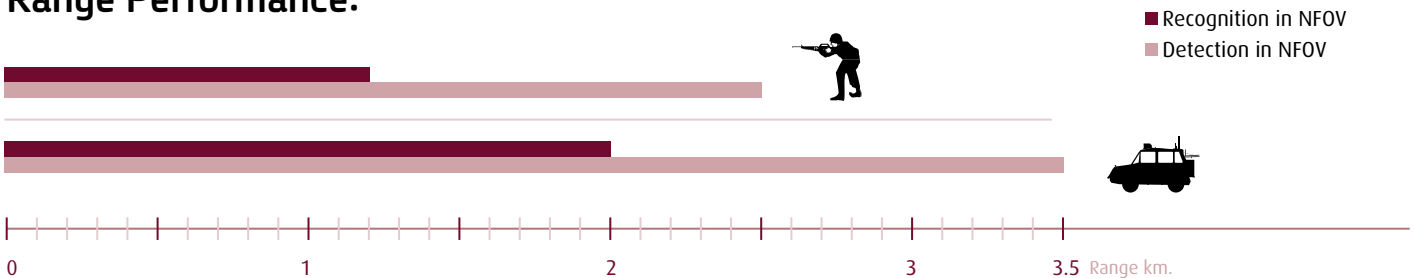
Uncooled, Dual FOV, Medium Range Thermal Weapon Sight (TWS)

## Technical Data

Spectral band	8 - 12 $\mu$ m
Fields of view	
- Narrow FOV	3.7° x 2.8°
- Wide FOV	11.1° x 8.3°
Magnification	x6 (NFOV)
E-zoom	x2
Detector	
- Type	VOx – uncooled detector
- No. of elements	384 x 288
Display module	
- Display	OLED, 852 x 600 pixels
- Eyepiece	Monocular, adjustable diopter light-concealing rubber eyecup
Zeroing	By electronic reticle adjustment
Video-out	CCIR or RS170 (factory set)
Communication port	RS422 and Ethernet
Power sources	Rechargeable or disposable battery
Battery endurance	> 7 hrs (rechargeable battery)
Low battery indication	Graphic symbol on display
Weight	<2.5 kg incl. battery
Dimensions	113 x 114 x 327 mm
Mechanical interface	Picatiny (MIL-STD-1913) custom interfaces optional
Split configuration	Separate control/display unit - optional
Environmental conditions	IAW MIL-STD-810F
Operating temperatures	-30°C to +55°C



## Range Performance:



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