

# ELOP JUNIPER

Miniature, Uncooled, Wide FOV Thermal Imaging Camera



## Main Advantages & Features

- Lightweight - less than 250 gr.
- Small dimensions
- Advanced uncooled detector
- High resolution
- Excellent image quality
- Low power consumption
- Standard video output

## Applications

- Miniature UAVs
- Small robotic vehicles
- Small maritime EO payloads
- Thermal driving systems
- Fence monitoring
- General security surveillance

**Elbit Systems™**

ISTAR

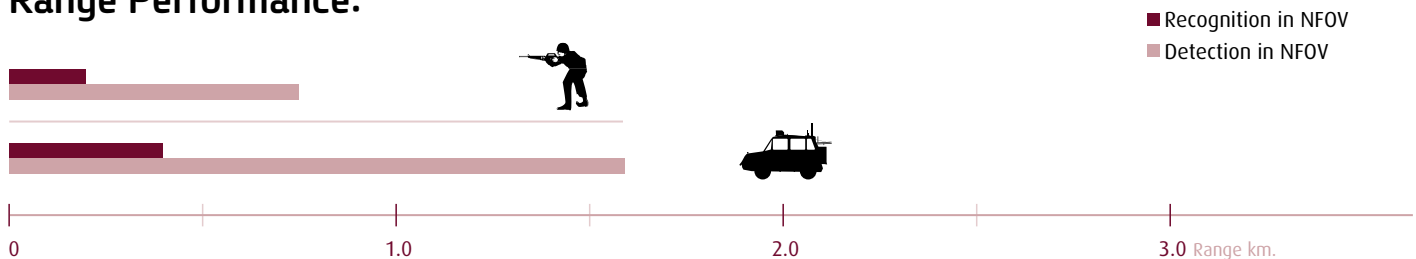
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Miniature, Uncooled, Wide FOV Thermal Imaging Camera

## Technical Data

Spectral band	8-12 $\mu\text{m}$
Entrance aperture	17 mm
Field of view	25° x 19° (CCIR)
Focus	fixed, 2 m to infinity
Detector	384 x 288 elements, uncooled microbolometer
Standard video output	CCIR OR RS170 (factory set)
Operating voltage	12 VDC, nominal
Power consumption	< 4w
Dimensions	60 x 55 x 70 mm (L x W x H)
Weight	<250 gr.
Operating temperatures	-30°C to +55°C

## Range Performance:



### 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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