

# EOTS

## Electro Optical Tracking System



- High accuracy
- Tracking capabilities
- Multi-purpose sensor head
- Fully ruggedized



We make it visible.

## EOTS

The EOTS is a stabilized and ruggedized 24-hour day/night observation and targeting system for anti-aircraft applications. Targets can be immediately engaged at long range with high precision. The system accommodates 3 powerful sensors: a third generation thermal imager, a highly sensitive day sight CCD zoom camera and an eyesafe, high-pulse laser rangefinder. The mission-tested reconnaissance and targeting capabilities of the EOTS are further enhanced by the new integrated automatic tracking system. This small, lightweight platform can be easily integrated into any vehicle or anti-aircraft system and upgraded thanks to its modular design.

### Applications

- Observation & targeting
- Target identification & tracking
- Anti-aircraft fire control

### Key features

- Compact & lightweight
- Easy to operate
- Fully panoramic stabilized line of sight
- Easy integration into existing vehicles and weapons systems
- Ruggedized according MIL-SPEC



## Technical data

### Platform

Elevation range	-15 to +80 degrees
Azimuth range	n x 360 degrees
Slew rate min	2 rad/s elevation and azimuth
Stabilization error	<100 µrad (1σ)
System weight	<60 kg
Overall dimensions	500 x 410 x 380 mm (W x H x D)

### Attica Infrared Camera

Wavelength	3-5 µm
Detector	640 x 512
Fields of view	3

### Molem 20 Hz Laser Rangefinder

Type	<ul style="list-style-type: none"> <li>■ Eyesafe, high-pulse laser rangefinder (up to 22 pps)</li> <li>■ Laser diode pumped solid state technology</li> </ul>
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### Day Sight Camera

Optics	Continuous Zoom
Fields of view*	3

\* Other fields of view are also available

### Carl Zeiss Optronics GmbH

Carl Zeiss Group  
73446 Oberkochen  
Germany

Phone +49 (0) 73 64 20-6530  
Fax: +49 (0) 73 64 20-3697  
optronics@zeiss.de  
www.zeiss.com/optronics