



# GÖKALP EO-150W ELECTRO OPTICS SENSOR SYSTEM



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## GENERAL FEATURES

- Multi-sensor capability
- Uncooled thermal imager
- Eye-safe laser rangefinder
- Autofocus
- Additional armor plate can be mounted durable construction
- Polarity change (thermal)
- Daytime and thermal angle automatic equalization
- Automatic contrast and brightness adjustment (day/thermal)
- Manual contrast and brightness adjustment (thermal) and focus adjustment
- Target distance measurement capability
- Selection of first or last reflection
- CANBUS communication interface
- IP-based digital video output

## TECHNICAL FEATURES

- Communication: CANBUS, RS422(optional)
- Video Output: Ethernet (H.264 / H.265/MJPEG)
- Weight: Unarmoured 12Kg, BR6 Armored 25Kg
- Operating Voltage: 18 ~ 32V DC
- Power Consumption: Max. 23W
- **Daylight Camera**
- Sensor Type : CMOS

- Resolution : 1920x1080 pixels
- Angle of View (FOV): (H) 63.7° ~ 2.3°, (V) 35.8° ~ 1.29°
- Zoom: 30x (Continuous zoom)
- Video Format: H.264 / H.265/MJPEG
- **Thermal Camera**
- Sensor Type: Uncooled VOx Microbolometer, 8 - 12  $\mu$ m
- Resolution : 640 x 512 or 800 x 600 (optional)
- Angle of View (FOV): (H) 17.5° ~ 2.9°, (V) 14° ~ 2.3°
- Lens: 20-150mm With continuous zoom
- Electronic Magnification: 2x, 4x(optional)
- Video Format: H.264 / H.265/MJPEG

	Detection	Diagnostic	Recognition
<b>Human</b> <b>(1,7m x 0,5m)</b>	5500m	1350m	850m
<b>Vehicle</b> <b>(2,3m x 2,3m)</b>	14300m	3550m	2200m

- **Lazer Range Finder**
- Laser Type: Eye Safe, Class-1
- Wavelength : 1.5  $\mu$ m
- Beam beam angle: 0.8 x 1.0 mrad (Vertical x Horizontal)
- Measuring range: 3m – 12000m
- Sensitivity : <1mt
- Accuracy: <1mt
- Measurement Frequency: max 200Hz