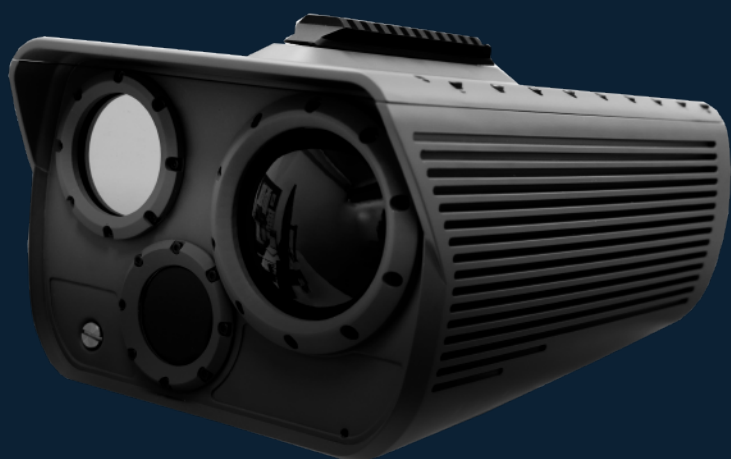




SIGHT-25E

for Armored Vehicles and Remote Weapon Stations



CONTROP's SIGHT-25E is a compact fully integrated sensor pack, with high performance MWIR Thermal Camera, High Definition Color \ NIR Daylight Camera and Eye-safe Laser Range Finder.

The SIGHT-25E primarily designed for sighting systems used in remote controlled weapon stations (RCWS) and can be integrated into gimbals, pan-tilt observation stations and other fixed or mobile platforms.

The SIGHT family enables to detect, recognize and identify targets by providing high resolution thermal and daylight image to the gunner/commander from long ranges under day, night and severe weather conditions.

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Thermal Imaging (TI) Sensor

Spectral Range:	3-5 μ m
Detector:	FPA 640x512 XBN
Lens:	Zoom x18
Field of View:	Widest Narrowest (optical) x4 Elect. Zoom 27° x 21° to 1.5° x 1.2° to 0.4° x 0.3°

Full HD Daylight Channel

Camera:	Color Full HD 1920x1080 pixels
Lens:	Zoom X27
Field of View:	Widest Narrowest x4 Elect. Zoom 60° x 34° to 2.3° x 1.3° to 0.6° x 0.3°

Laser Rangefinder

Type:	Eyesafe, Class 1
Wavelength:	1.54 μ m
Range:	50m-15,000m (Optional 20,000m)

Physical Characteristics

Weight (Turret):	13 kg (28.66lb)
External dimensions:	242mm (W) x 377mm (L) x 186mm (H)

Electrical Interface

Voltage:	18-36 VDC
Power Consumption:	75 Watt (nominal)
Video Outputs:	HD-SDI (1080P) and PAL RS422

Environmental Conditions

Temperature:	-25 °C to +55 °C
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13kg



Command & Control Systems



Weapon Station

Features

Excellent LOS Retention
High Heading Report Accuracy
One LRU
Advanced Image Processing

Optional

Laser Pointer

Image Processing

Local AGC Day/TI
Video Enhancement
Picture-in-Picture (PIP)
AI (Optional)