

T-SIGHT

Rapid Deployment / Vehicle Mount
Medium Range Surveillance System



T-SIGHT Kit is a fast deployment, stationary and/or vehicle mounted, EO/IR suit based on CONTROP's battle proven SIGHT-25HD payload enhanced with specially designed tactical operation systems which include unique Tactical Management System (TMS) and peripheral equipment required for system operation.

At the core of the T-SIGHT kit stands the SIGHT-25HD, a gyro-stabilized EO/IR payload, especially designed for medium-range operational performance.

The EO/IR payload is operated via an external Control Unit (CU) and /or the TMS Command & Control , which includes special algorithms such as Point Of Interest (POI) , target's database management, VMD/ATR and other unique control features aimed to reduce operator's workload.

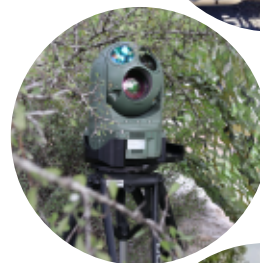
The complete deployable kit can also include a ruggedized PC, Power Pack and more, allowing quick and efficient deployment for operational usage.

Applications

- Remote tactical surveillance
- ISR observation
- Force protection
- Route clearance
- C-UAS & Air Defense

Features

- Superior EO/IR performance
- Low SWAP
- Fast deployment
- Easy & intuitive ConOps
- Enhanced Situational Awareness

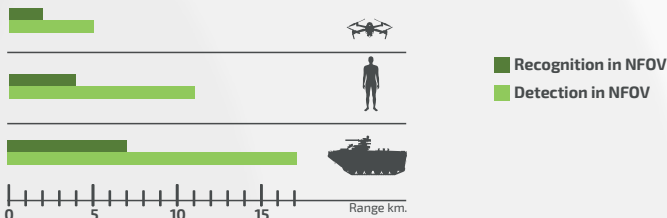


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Range Performance (TI):



Tactical Management System (TMS)

CONTROP's OverC C2 SW package main features:

- PC Windows based
- Main screen featuring Panorama (Step & Stare), Investigation and Map views
- Automated revisits of selected POI for reducing operator's workload
- Easily integrated with user Command & Control systems

Electro-Mechanical

Type: 2 Gimbals Gyro-stabilized System
Field of Regard: Azimuth: 360° x N (continuous)
Elevation: -25° to +80°
Angular Velocity: Azimuth / Elevation: 120° / Sec (max)

Thermal Imaging (TI) Sensor

Spectral Range: 3.0 - 5.0 μm
Detector: FPA 640x512 XBN
Lens: Zoom
Field of View: Widest 27° x 20° to Narrowest (optical) 1.5° x 1.1° to x4 Elect. Zoom 0.4° x 0.3°

Full HD Daylight Channel

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

Laser Rangefinder

Type: Eyesafe, Class 1
Wavelength: 1.54 μm
Range: 50m – 15,000m (optional 20,000m)

Laser Pointer (optional)

Wavelength: 0.8 μ

Physical Characteristics

Weight (Turret): 13 kg (28.66lb)
Dimensions (Turret): (Ø)220mm (8.66") x (H)332mm (13")

Electrical Interface

Voltage: 28 VDC
Power Consumption: 110 Watt (nominal)
Video Outputs: HD-SDI (1080P) and PAL/NTSC
Communication: RS422, RS232, ETH (optional)

Environmental Conditions

Temperature: -32° to 55° C

Optional

Battery Pack: Up to 12 hrs per kit
Cable: Up to 30 meters

CONTROP reserves the right to change specifications without prior notice

