

SIGHT-25HD

for Armored Vehicles and Remote Weapon Stations



The SIGHT-25HD is a gyro-stabilized targeting sight, especially designed for installation on a wide variety of vehicles and weapon stations.

The SIGHT-25HD provides the full package of EO/IR sensors needed to meet every operational challenge and to ensure quick target assessment and engagement.

The SIGHT-25HD facilitates medium range target acquisition under severe weather conditions, day and night, for both stationary and mobile situations.

Applications

Land Mobile Remote Weapon Stations
Force Protection
Route Clearance
Air Defense
ISR Observation

Technical info:

KG	13kg
Ø	220mm
KM	13km

⊕ Thermal Imaging detection range to NATO target

CONTROP
Turning Vision Into Reality

SIGHT-25HD

for Armored Vehicles and Remote Weapon Stations

Features

Excellent LOS Retention
High Heading Report Accuracy
One LRU
Superior Gyro-stabilized Image
Advanced Image Processing

Optional

Built-in Tracker
Laser Pointer
Control Unit (CU)
Digital Video Recorder (DVR)

Image Processing

Local AGC Day/TI
Video Enhancement
Automatic Video Tracker
Picture-in-Picture (PIP)



Radar



Control Unit



Weapon
Station



GPS



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: 120° / Sec (max) Elevation: 120° / Sec (max)		

Thermal Imaging (TI) Sensor

Spectral Range:	3.0 - 5.0 μ m		
Detector:	FPA 640x512 XBN		
Lens:	Zoom x18		
Field of View:	Widest	Narrowest (optical)	x4 Elect. Zoom
	27° x 20° to	1.5° x 1.1° to	0.4° x 0.3°

Full HD Daylight Channel

Camera:	Color Full HD 1920x1080 pixels		
Lens:	Zoom X26		
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)		

Laser Pointer (optional)

Wavelength:	0.8 μ
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Physical Characteristics

Weight (Turret):	13 kg (28.66lb)
Dimensions (Turret):	(\emptyset)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:	-20° to 50° C
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CONTROP reserves the right to change specifications without prior notice