

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.

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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 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 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 (optional)

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

Laser Pointer (optional)

Wavelength:	830 nm
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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 RS422, ETH (optional)

Environmental Conditions

Temperature:	-32 C to +50 C
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13kg



Radar



GPS



Control Unit



Command & Control Systems



Weapon Station

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)
AI (Optional)