

ATS-65D

ELECTRO OPTIC SENSOR SYSTEM

HIGH PERFORMANCE IR DETECTOR

COLOR TV CAMERA

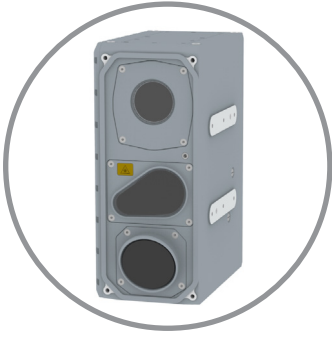
EYE SAFE LASER RANGE FINDER

CONTINUOUS ZOOM CAPABILITY (THERMAL AND CAMERAS)

COMPACT AND RUGGED

MULTI-SENSOR CAPABILITY





ATS-65D

ELECTRO OPTIC SENSOR SYSTEM

Applications

- Sea Platform Applications
- Target Detection

Main Features

- Multi-Sensor Capability
- Compact, Rugged, Military Hardened
- Freezing Capability (Thermal)
- Polarity Change (Thermal)
- Automatic Contrast and Brightness Adjustment
- Manuel Contrast and Brightness Adjustment
- Target Range Measurement Capability
- Laser Reflection Selection
- RS-422 Communication Interface
- Designed For Maritime Enviroment

Interfaces

Video Interface

- Analog (PAL,CCIR)
- Digital (Ethernet)

Communication Interface

- UART (RS422, RS232)
- Ethernet

Technical Specifications

Thermal Camera

Detector Type	: Cooled, 3-5 μ m
Detector Format	: 640X512
Field of View	
Narrow	: 2 x1.6
Middle	: 6 x4.8
Wide	: 25 x20
Continuous Zoom Capability	
Electronic Zoom	: x2
Cool-down Time	: \leq 7 min.

Laser Range Finder

Type	: Class 1, Eye Safe
Wavelength	: 1.54 μ m
Range	: 100m - 20000m
Accuracy	: \pm 5m (1 σ)

Day TV Camera

Sensor Type	: CCD/CMOS
Field of View	
Narrow	: 2 x1.5
Middle	: 6 x4.8
Wide	: 25 x20
Continuous Zoom Capability	
E-Zoom	: X2, X4

Environmental Conditions

Environmental Spec	: MIL-STD-810
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