

ATS-65

ARMORED VEHICLE
ELECTRO OPTIC SENSOR SYSTEM

HIGH RESOLUTION IR DETECTOR

COLOR TV

EYE SAFE LASER RANGE FINDER

CONTINUOUS ZOOM CAPABILITY (THERMAL AND CAMERAS)

COMPACT AND RUGGEDIZED





ATS-65

ARMORED VEHICLE ELECTRO OPTIC SENSOR SYSTEM

Applications

- Armored vehicles
- Remote Weapon Systems
- Main Battle Tanks

Main Features

- Multi-Sensor Capability
- High Resolution Cooled Thermal Camera
- Eye-Safe Laser Range Finder
- Compact, Rugged, Military Hardened
- Freezing Capability (Color TV/Thermal)
- Polarity Change (Thermal)
- Automatic Contrast and Brightness Adjustment
- Manuel Contrast and Brightness Adjustment
- Target Range Measurement Capability
- Laser Reflection Selection

Technical Specifications

Thermal Camera

- Detector Type : Cooled, 3-5 μm
- Detector Format : 640X512
- Field of View
 - Narrow : 2°x1.6° ($\pm\%10$)
 - Middle : 6°x4.8° ($\pm\%10$)
 - Wide : 25°x20° ($\pm\%10$)
- Continuous Zoom Capability
- Electronic Zoom : x2
- Cool-down Time : ≤ 7 min.

Laser Range Finder

- Type : Class 1, Eye Safe
- Wavelength : 1.54 μm
- Range : 100m - 20000m
- Accuracy : ± 5 m

Day TV Camera

- Sensor Type : CCD/CMOS
- Field of View
 - Narrow : 2°x1.6° ($\pm\%10$)
 - Middle : 6°x4.8° ($\pm\%10$)
 - Wide : 25°x20° ($\pm\%10$)
- Continuous Zoom Capability
- E-Zoom : 2x, 4x