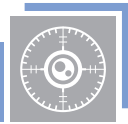




TIC-S-150 Cooled Thermal Camera



GENERAL DESCRIPTION

TIC-S-150 imager with high thermal sensitivity and low noise is designed to create very high accuracy in adverse weather conditions and for daylight and night applications.

It can be widely used for various long ranges by being mounted on different types of military vehicles, ships and vessels and platforms.

FEATURES

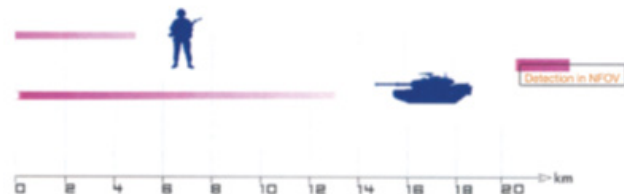
- High resolution for recognition of faraway targets
- High thermal sensitivity for target detection
- Low noise
- Equipped with 3 fields of view for searching, detecting and tracking of targets
- Long detection and recognition range

APPLICATIONS

- Observing camouflage targets.
- Detecting targets at poor climatic conditions.
- Border control and coastal surveillance.
- Air Defense systems.
- Mountable on military vehicles.



(Detection Range)



TECHNICAL CHARACTERISTICS

Sensor	MCT Cooled FPA detector with a resolution of 320×256 pixel
Spectrum Range	3~5 μm
Focal Lens	320/80/25 mm
Field of view	Narrow: 1.7 × 1.3 Medium: 6.9 × 5.2 Wide: 22 × 16.5
NETD	Less than 25 mk
Gain Adjustment	Manual / Automatic
Operating Temperature	-20°C ~ + 50°C
Dimension	160 × 200 × 460 mm
Cooling Time (in 20° c)	7.5 minutes
Electronic Magnification	2X
Video Output	Analog / Digital
Data Exchange	RS/422, RS/232