

# EYE-MLTS

MISSILE LAUNCHER THERMAL SIGHT





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EYE-MLTS is a complete system solution that equips the anti armour/ anti tank missile launchers with a modern compact, low weight, cost effective thermal imaging sight.

EYE-MLTS has a state of the art high performance thermal imaging camera designed for detection, recognition and identification of threats at long ranges during day-night and adverse weather conditions.

EYE-MLTS has been successfully used with Kornet-E Anti Tank Guided Missile System. EYE-MLTS thermal view is observed within the same sight channel of direct view optics of Kornet-E via the Optical Collimator supplied within EYE-MLTS.

### General Specifications

- Operation Mode Selection (Direct View or Thermal)
  - Anti-blooming Feature (not affected from missile)
  - Image Enhancement Algorithm
  - Power On/Standby/Off modes
  - Image Freeze
  - Easy to use mechanical mounting interface
  - Easy boresighting of thermal view
  - Ergonomical Operator Control Unit
- **Basic Configuration**
  - EYE Thermal Imaging Camera
  - Operator Control Unit
  - Optical Collimator
  - Boresight Adjustment Knobs
  - Mounting Adaptor
- **Accessories**
  - Lithium-ion battery (>9 hours operation)
  - Battery charger
  - 220 V AC-DC Adaptor (optional)
- **Technical Characteristics**
  - Weight of EYE Thermal Sight : < 6 kg. (Basic Configuration)
  - Video Output : CCIR
  - Detector : 640 x 512 pixel (3 – 5 µm MWIR band)
  - Field of View : Continuous zoom from 2° to 25°
- Polarity Change : Black hot / White hot
  - Cooldown Time : < 7 minutes
  - Electronic Zoom : X2