

SAGER-200

THERMAL SIGHT FOR KORNET-E/EM
ANTI TANK GUIDED MISSILE

OPTIMIZED FOR KORNET-E/EM ANTI-TANK GUIDED MISSILE

NO MODIFICATION ON KORNET-E/EM ATGM

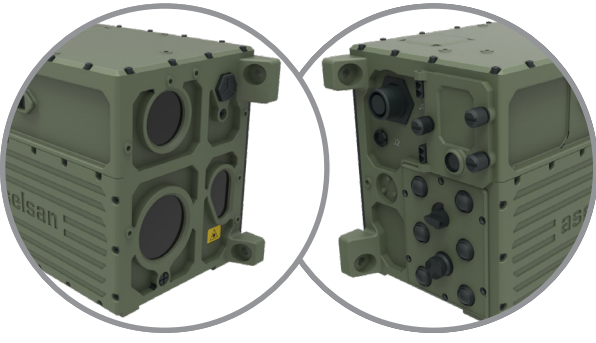
FIELD PROVEN

LONG RANGE ELECTRO-OPTICAL SENSOR SYSTEM

PORTABLE AND SELF POWERED

EASY INTEGRATION





SAGER-200

THERMAL SIGHT FOR KORNET-E/EM ANTI-TANK GUIDED MISSILE

Applications

- Anti-tank Missile Systems
- Missile Firing Posts

Main Features

- Operation mode selection (Direct View or Thermal View)
- Anti-blooming feature
- Image enhancement algorithm
- Power On / Standby / Off modes
- Image freeze mode
- Polarity change
- Electronically boresight
- Controls on the sight
- Easy to use mechanical mounting interface

Standard Accessories

- Carrying Case
- Transportation Case
- Lens protection cover
- Lens Cleaning Kit
- Internal Li-Ion Battery
- Battery Charger
- Head Mounted Display Unit

Environmental Conditions

- Operating Temperature : -32°C to $+49^{\circ}\text{C}$
- Storage Temperature : -40°C to $+65^{\circ}\text{C}$
- Standard : MIL-STD-810 G

Technical Specifications

Thermal Camera

- Detector : Cooled, 3-5 μm
- Detector Format : 640x512
- Electronic Zoom : x2
- Field of View
 - Narrow FOV : $2^{\circ} \times 1.6^{\circ}$
 - Medium FOV : $6^{\circ} \times 4.8^{\circ}$
 - Wide FOV : $16.8^{\circ} \times 13.45^{\circ}$
- Continuous Zoom Lens : From Narrow to Wide FOV
- Cooldown-Time : < 7 min

Laser Range Finder

- Type : Class 1, EyeSafe
- Wavelength : 1.54 μm
- Range : 100m - 10.000m
- Accuracy : $\pm 5\text{m}$

Color TV Camera

- Sensor Type : Color CCD
- Field of View
 - Narrow FOV : $2^{\circ} \times 1.5^{\circ}$
 - Medium FOV : $6^{\circ} \times 4.5^{\circ}$
 - Wide FOV : $16.8^{\circ} \times 12.6^{\circ}$

Communication Interface

- RS232/RS422
- Buttons on Sight

Video Output

- Analog

Dimension and Weight

- Dimension : 165x300x216 mm (Exc. Connectors)
- Weight : Less than 10 kg

Power Interface

- Internal Battery (7.2V) or 18V-32V External Power