

# EAGLEEYE-15

GUNNER'S / COMMANDER'S PERISCOPE

HIGH QUALITY THERMAL CAMERA

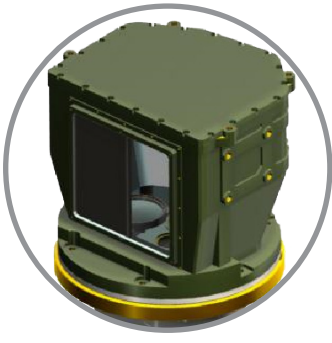
HIGH QUALITY DAYLIGHT CAMERA

EYE-SAFE LASER RANGE FINDER

CONFIGURABLE as GUNNER'S/COMMANDER'S PERISCOPE

MODULAR, FLEXIBLE AND RUGGED DESIGN





# EAGLEEYE-15

## GUNNER'S/COMMANDER'S PERISCOPE

### Applications

- T72 MBT
- Leopard2A4 MBT
- Tracked Armoured IFV's

### Main Features

- High Performance within a small volume
- High quality thermal imagery
- High quality day light imagery
- Eye-safe LRF
- Wide and Narrow FOV for both cameras
- Low-cost & cost effective.
- Customizable interface
- Modular and Flexible
- Configurable as Gunner's or Commander's Periscope
- Automatic Target Tracking
- Ballistics Computer/Processor Compatibility

### Standard Accessories

- Stabilized Head Mirror
- Sensor and Control Unit
- Standard Cable Kit

### Optional Accessories

- FCS Compatibility Kit

### Environmental Conditions

- Operating Temperature : -32°C/+55°C
- Storage Temperature : -45°C/+65°C

### Technical Specifications

#### Stabilized Mirror

- -9°/+20° elevation
- 100  $\mu$ rad stabilization accuracy for two axis (1 $\sigma$  RMS)

#### Thermal Sight Unit

- 640x512 Pixel Detector Resolution
- Cooled 8-12  $\mu$ m or 3-5  $\mu$ m detector
- Optical/Electronic Zoom
- Adjustable Brightness/Contrast/Focus
- Advanced Image Processing
- Cooldown time < 7 min
- LWIR detector (Horizontal) 3.7° (Narrow) / 10.3° (Wide)
- MWIR detector (Horizontal) 2° (Narrow) / 12.5° (Wide)

#### Laser Range Finder

- Eye-safe Class-1 Laser
- Up to 20.000 m range
- $\pm$ 5m accuracy

#### Daylight Camera

- CCD type detector
- 2.3° - 57.8° FOV (continuous)
- Electronic Zoom

#### Interface

- Power : 28V DC, nominal 150W, maximum 575W
- Communication : Ethernet, RS422, RS232
- Weight : < 48 kg Gunner's Peri. < 70 kg  
Commander's Peri. (Armour + 30 kg)