

# EYE-SW

SHORT WAVE INFRARED  
THERMAL CAMERA

SHORT WAVE INFRARED (SWIR) THERMAL IMAGING

CLEAR IMAGE THROUGH FOG

DIFFERENT LENS ALTERNATIVES

COMPLIANT WITH MIL-STD-810





# EYE-SW

## SHORT WAVE INFRARED THERMAL CAMERA

### Applications

- Border and Coastal Surveillance
- Air Platforms
- Vehicle Applications

### Main Features

- Enhanced thermal image quality
- Advanced image processing algorithms
- Automatic and manual gain adjustment
- Flexible language structure
- Symbology generation and user menu
- Image freezing
- 2x electronic zoom
- External software update
- Compliant to MIL-STD-1275D

### Environmental Conditions

- Operating Temperature : -30°C to +50°C
- Storage Temperature : -30°C to +50°C

### Technical Specifications

- Detector Type : SWIR, 0.9-1.7  $\mu\text{m}$
- Detector Format : 640x512
- E-Zoom : 2x
- Communication Interface : RS422
- Video Output : SD-SDI
- Power Input : 18-33 Vdc

### Lens Alternatives

- Continuous Zoom Lens
  - Narrow FOV: 1.83°x1.47°
  - Wide FOV: 18.2°x14.7°
  - Continuous zoom between NFOV and WFOV.
- 25mm Lens: 21.73°x17.38°
- 50mm Lens: 10.96°x8.77°

### Standard Accessories

- Carrying Case
- Transportation Case
- Lens Cleaning Kit

