

# EYE

## THERMAL CAMERA SERIES

LONG RANGE PERFORMANCE

COOLED THERMAL CAMERA

CONTINUOUS ZOOM

LARGE FORMAT 640X512 DETECTOR

AUTO-FOCUS





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## THERMAL CAMERA SERIES

### Applications

- Border Surveillance
- Coastal Surveillance
- Facility Security
- Long Range Surveillance
- Law Enforcement

### Main Features

- Meets Military Environmental Requirements
- Automatic image optimization
- Image Freeze
- Polarity Change
- Reticle Adjustment
- Gain and Level Adjustment
- User-Friendly Menu
- External software update
- Motorized focus, FOV and zoom adjustment
- Lens protection cover

### Technical Specifications

- Detector Type : Cooled, 3-5  $\mu\text{m}$
- Detector Format : 640x512
- Electronic Magnification : x2
- Continuous Zoom Lens : 0k
- Cooldown-Time : < 7 min
- Communication Interface : RS422/RS232
- Video Output : CCIR
- Power Input : 13-33 Vdc

### Environmental Conditions

- Operating Temperature : -32°C to +50°C
- Storage Temperature : -40°C to +65°C
- Standard : MIL-STD-810 G

EYE Thermal Camera Versions	EYE-S	EYE-M	EYE-L	EYE-XL
IR Band	3-5 $\mu\text{m}$ (MWIR)	3-5 $\mu\text{m}$ (MWIR)	3-5 $\mu\text{m}$ (MWIR)	3-5 $\mu\text{m}$ (MWIR)
Optical Zoom	Continuous	Continuous	Continuous	Continuous
Digital Zoom	2X	2X	2X	2X
FOV				
(Wide)	16.8°x13.5°	11°x8.8°	6°x4.8°	12.2°x9.75°
(Middle)	6°x4.8°	4°x3.2°	2.4°x1.9°	6°x4.8°
(Narrow)	2°x1.6°	1.3°x1°	0.8°x0.6°	0.5°x0.4°
Effective Focal Length	275mm	413mm	688mm	1100mm
Weight	<2.7 kg	<3.5 kg	<4.3 kg	<10kg

### Standard Accessories

- Carrying Case
- Transportation Case
- Lens Cleaning Kit

### Optional Accessories

- Motorized Pan&Tilt
- Manuel Pan&Tilt
- Tripod
- Remote Control Unit
- LCD Monitor
- UPS
- Video Recorder
- Pirate, Head Mounted Display
- External AC/DC Adaptor
- Battery and Battery Charger