

# EYE-LR

THERMAL CAMERA SERIES

LONG RANGE PERFORMANCE

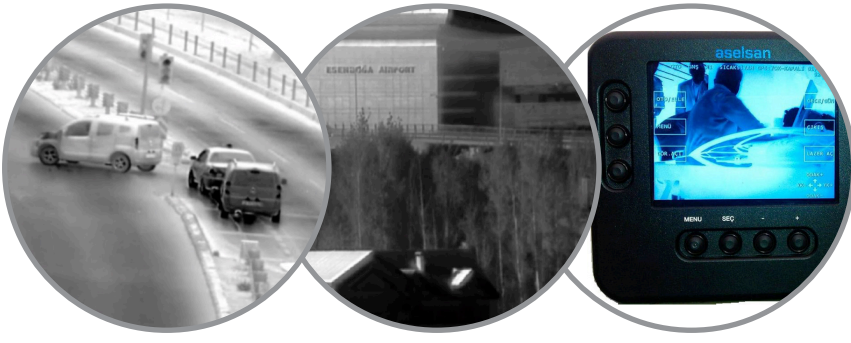
COOLED THERMAL CAMERA

CONTINUOUS ZOOM

LARGE FORMAT 640X512 DETECTOR

AUTO-FOCUS





# EYE-LR

## THERMAL CAMERA SERIES

### Applications

- Border Surveillance
- Anti-Drone Applications
- Facility Security
- Long Range Surveillance

### 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 :Ok
- Cooldown-Time : < 7 min
- Communication Interface :RS422/RS232/Ethernet
- Video Output :CCIR/SD-SDI/Ethernet
- 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



### 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

### Thermal Camera Options

		
	EYE-LR-S	EYE-LR-L
Wavelength( $\mu\text{m}$ )	MWIR (3-5 $\mu\text{m}$ )	
NFOV	1.8°x1.44°	0.9°x0.72°
MFOV	6°x4.8°	3°x2.4°
WFOV	35°x28°	15°x12°
Continuous Zoom Lens	Ok	Ok
Weight (kg)	<3.7	<6.5