



# Optimized ELECTROTECH

भारत में निर्मित

## OSA - II

A Day & Night Surveillance

OSA- II is a ruggedized Surveillance system for Long Range Day & Night Vision Surveillance and other mission critical situations. The system provides high contrast images for post processing and analyzing. Its Day and Night capabilities allow it to capture images even in zero light conditions, enabling a 24-hour operation. Based on the varying light conditions.

Highly restricted locations, such as International Borders, or industrial plants, can monitor their perimeters night and day with the aid of OSA-II. The use of high sensitivity detectors can spot even the slightest faults along the perimeter and provide authorities with an opportunity to take preventive action.

Zero Light Detection capabilities makes OSA-II an outstanding tool for observing cross border traffic and critical infrastructure surveillance.

### CAMOUFLAGING FOLIAGE DETECTION

Detect threats  
hidden in Visible light



### VIEW FINDING CAMERA

Enables it to broad and coloured view



### AUTOMATIC MOTION DETECTION

Detect and alert based  
on Detection of Motion



### ZERO LIGHT IMAGING

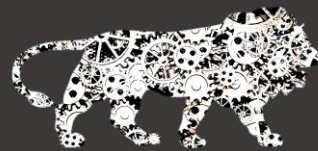
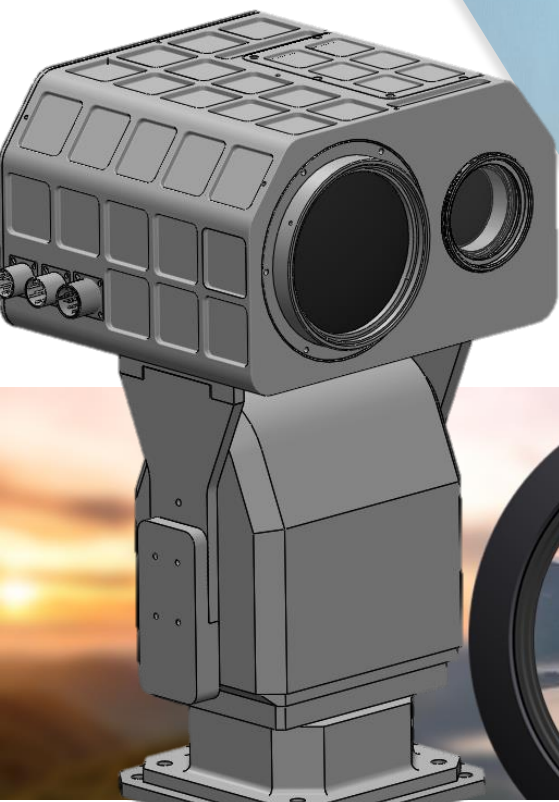
Thermal imaging capability to  
provide surveillance even during  
night

IDENTIFICATION

RECOGNITION

DETECTION

RUGGED



**MADE IN INDIA**

### CONTACT DETAILS

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### SPECIFICATIONS

Camera	Zoom Visible Colour	Zoom Thermal
Array Format (NTSC)	1920x1200 Mono	640x480
Effective Resolution	2.3MP	0.3MP
Pixel Pitch	3.45 microns	17 microns
F/#	F3.6 to F15	F1.4
Low Light Sensitivity (Quantum Efficiency)	71% at 525nm	
Noise Reduction	6.83 e RMS	
Frame Rate	35 fps	30 fps
FOV	1.89 to 36.65 H 1.18 to 23.39 V	4.15 to 39.86 H 3.11 to 30 V
Focal Length	10-200 mm	15-150 mm
Optical Zoom	20x	10x
Digital Zoom	2x	2x
Spectral Range (in micron meters)	0.45 to 0.9	8 to 12
Video		
Streaming Resolution	1920x1200-Scale-1 960x600-Scale-2	640x480
System Integration		
Ethernet	1G (GigE)	
Optical	NA	
Serial Control Interface	RS485	
Alarms In/Out	Optional	
Network		
Supported Protocols	IPv4/IPv6	
Pan/Tilt Performance		
Pan Angle Speed	Max speed: 30 degrees/sec	
Tilt Angle Speed	Max speed: 20 degrees/sec	
Programmable Presets	Configurable	
General		
Input Voltage	24V	
Power Consumption	70W	
Environmental		
Enclosure	IP65/IP67	
Operating Temperature Range	-40c to 85c	
Storage Temperature Range	-40c to 85c	

### APPLICATIONS



### PERFORMANCE

	Range (Human - 1.7m) in m		Range (Vehicle - 2.3m) in m	
	Zoom Visible Colour	Zoom Thermal	Zoom Visible Colour	Zoom Thermal
Detection	5000	3900	7000	10000
Recognition	2500	1000	6000	2500
Identification	110	600	-	1600

### OPTIONALS

Pan & Tilt  
Gimbal



Laser  
Rangefinder



Industrial License Number : DIL:01(2020)

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