

Video & Optical Systems Limited

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Integrated Intelligent PTZ Cameras

**ERIC9218 and ERIC9236,
ERIC9318 and ERIC9336 with 100m IR**



Features

- Manufactured from aluminium alloy (5mm – 15mm)
- Resistant to small arms fire, bricks and stones
- High strength optically flat front window (5mm)
- 360° Pan rotation, 125° tilt rotation
- 8 Pre-set tour function
- 128 Pre-sets function
- Run track memory function
- Available in black, white or stainless steel
- Multi position installation
- Waterproof design, wiper fitted as standard
- IR distance more than 100m (outdoor)
- Meets CE & FCC standards
- IP66

Description

Manufactured to the same exacting standards as the ERIC90 & 91 series cameras, the ERIC92 & 93 range is designed to be installed in many extreme environments particularly town centres and coastal areas. Due to its manufacture and design the ERIC range is resistant to small arms fire, bricks and stones. With its optically flat front window, clear images are displayed with no distortion helping operatives make quicker decisive actions. Easy programming with its on screen menu saves time on installation and engineer time on site. Inverted or upright application and privacy zones programmable from the easy to use menu. A spring loaded wiper fitted as standard helping to ensure clear images in all weather conditions. With a choice of 3 camera modules to choose from in our standard range, it is ideal for new and existing systems alike. The ERIC92 & 93 series cameras are particularly suitable for vehicle installations due to its small size and optional 12vdc power converter, making it ideal for rapid deployment and short term surveillance operations.

Typical Applications

- Town Centres
- Coastal Areas
- Prisons
- Navy
- Military
- Police Vehicles
- Armoured Vehicles
- High Crime Areas
- Nuclear Plants
- Seafronts
- Harbours
- Marine
- Embassies
- Vehicle Tracking
- Airports
- Government Research Laboratories

Specifications

Model	18x Day/Night Sony	36x Day/Night Sony
Camera Lens Parameter		
Image Sensor	1/4" High Quality Exview HAD CCD Sensor	
Video Signal	1.0±0.1VP-P (75Ω, Compound)	
Zoom	Optical Zoom, F=3.5-91mm, F1.6-3.8	
Angle	1.6° ~ -42°	
Minimum Illumination	0.5LUX	
White Balance	Auto/ Cloudy/ Shade/ Fluorescent Multi-Modes etc.	
Focus	Auto/Manual	
Iris	Auto/Manual	
Electric Shutter	Auto	
BLC	On/Off	
S/N Ratio	>50dB	
Pan/Tilt Index		
Pan Rotation	360° Continuous Rotation	
Tilt Rotation	125° Rotation	
Pan Control Speed	0.1° - 90°/sec	
Tilt Control Speed	0.1 - 40°/sec	
Pre-set Speed	Pan 90°/sec, Tilt 40°/sec	
Pre-set	255	
Input/Output Interface		
Video Interface	BNC, Composite Video 1Vp-p, 75Ω Non-Balance	
Control Signal Interface	RS485 Interface (White is 485+, Blue is 485-)	
Control Signal Format	Start Bit: 1, Data Bit: 8, Baud Rate: 2400, 4800, 9600bps	
Alarm Input Interface	2 Alarm Inputs	
Alarm Output Interface	1AUX Output	
Electrical Index		
Power Adapter	AC24V/2.7A	
Input Voltage	24VAC	
Power Consumption	30VA, 50VA with IR Lamps	
IR Parameter	IR LED Lamps	
IR Distance	100m	
Power	DC12V	
Physical		
Material	Aluminium Alloy	
Glass	5mm Tempered optical glass window	
Weight	10kg, 12kg with IR lamps	
Colour	Black or white	
Environment		
Working Temperature	-40° - +55°C	
Storage Temperature	-10° - 60°C	
Working Humidity	20% ~ 90%	
Storage Humidity	20% ~ 80%	
Working Environment	Indoor/Outdoor	
Protection Grade	IP66, with surge & lightning protector	
	CE/FCC/RoHS Compliance	