

RPT36MIR Series

True Day/Night IR Vandal Resistant
Ruggedised Marine PTZ Cameras



RPT36MIR



RPT36MIR/W

Key Features

- 1/4" Sony EX-View HAD CCD
- Vandal Resistant Aluminium Housing
- 36x Optical Zoom Lens (3.4-122.4mm)
- 12x Digital Zoom
- OSD (On Screen Display)
- Mechanical IR Cut-Filter
- 128x WDR (Wide Dynamic Range)
- 2D & 3D Digital Noise Reduction
- Backlight Compensation (BLC)
- Wide Tilt Range: 25°~205°
- Digital Image Stabiliser (DIS)
- Integrated Heater for -40°F Operation
- Defog or Image Enhancer Mode
- Upright & Inverted Mount Installation
- 550 TVL
- Target IR LEDs x2*
- Water Repellent Glass
- Low Noise Wiper
- Auto Digital Flip
- Alarm In/Out
- 8 Privacy Masking Zones
- AC24V
- IP67
- Anti-Corrosion, Anti-Salt
Water Powder Coated
Surface Finish

Non-IR Models Available: Please see RPT36M Series

**The Raptor IR models have 2x High Intensity "Target" Infra-Red LED's that fully integrate with the camera's 36x zoom module. During a zoom operation the LED coverage changes proportionately with the zoom of the camera. The angle of LED coverage goes from 60 degrees at its widest part to 6 degree at its narrowest. This minimises light pollution and eliminates IR illumination of unimportant areas. Medium to long range targets become the true focal point for the camera lens and the LED's.

Technical Specification

Model Number	RPT36MIR	RPT36MIR/W
Optical Zoom Ratio	36x (3.4-122.4mm)	
Digital Zoom	OFF / 2x, 4x, 8x, 10x, 12x	
Image Sensor	1/4" Sony Ex-View HAD CCD	
Horizontal Resolution	550 TVL	
Scanning System	2:1 Interlaced	
Effective Pixels (H x V)	752 x 582	
Video Format	PAL / NTSC	
Lens	3.4-124.4 mm (36x Zoom)	
Minimum Illumination	0 Lux (IR LEDs ON)	
IR Range / IR Angle	Range = 100m* @ 850nm / Angle = Auto 6° ~ 60°	
Video Output / Connector	1.0Vpp, 75Ω, Composite Video, BNC x 1	
Shutter Speed	Auto / Manual (1/50-1/10000sec)	
S/N Ratio	>50dB (Weight ON)	
Day / Night	COLOUR / BW / AUTO (ICR)	
Focus Control	AUTO / ZOOM / MANUAL	
On Screen Display (OSD)	YES	
White Balance	AUTO / ATW / INDOOR / OUTDOOR	
Video Gain Control	0~15 Level	
WDR	ON / OFF (x128)	
Backlight Compensation	ON / OFF	
Privacy Zones	ON / OFF – 8 Programmable Zones	
Presets	128 Programmable	
Pan / Tilt	Pan: 360° / Tilt: 25° ~ 205°	
Wiper	AUTO / PUSH / RUN	
Motion Detection	ON / OFF	
Digital Image Stabiliser (DIS)	YES	
Communication	RS-485	
Protocols	Pelco-D / Pelco-P / Others	
Alarm Inout / Output	3 Input / 1 Output	
Power Supply	AC24V	
Power Consumption	5A Max	
Dimensions (D x H)	200 x 469 mm	
Operating Conditions	Temperature: -40°F ~ 122°F / -40°C ~ +50°C	
IP Rating	IP67	
Weight	13.5kg	

Features and specifications are subject to change for further improvement without any notice

Accessories

RAPWB	Wall Mount Bracket; Black
RAPWB/W	Wall Mount Bracket; White
RAPCOMB	Corner Mount Bracket, Black
RAPCOMB/W	Corner Mount Bracket;White
RAP37-PSU	AC 24V 5A Boxed Power Supply, IP66
RAP-EXT7	Extension Cable, 7m
RAP-EXT9	Extension Cable, 9m
RAP-EXT11	Extension Cable, 11m
RAP-RX10X	Up the Coax Telemetry Interface
KB-5451/JS	Keyboard Controller