

TECHNICAL DATA SHEET

RAPTOR-37

True Day/Night 37x Ruggedised PTZ Camera



KEY FEATURES

- 1/4" Sony Super HAD CCD
- Vandal Resistant Aluminium Housing
- 37x Optical Zoom Lens (3.5-129.5mm)
- 12x Digital Zoom
- 550 TVL Colour / 680 TVL Mono
- O.S.D. (On Screen Display)
- Mechanical IR Cut-Filter
- 128x WDR (Wide Dynamic Range)
- SDNR (Super Digital Noise Reduction)
- (HLC) Highlight Compensation
- 256x Sens-Up
- Dual Tilt Mechanism (Allows a Non-Obstructive Downward View)
- 360°Pan, 295°Effective Tilt at 200°/ second
- Digital Image Stabiliser
- Integrated Blower/Heater
- Water Repellent Glass
- Wiper (Anti-Abrasion Soft Silicon Rubber)
- Auto Digital Flip
- Alarm In/Out
- Motion Detection
- 8 Zone Privacy Masking
- AC 24V
- IP68

* Available in Black or White Options

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TECHNICAL SPECIFICATION

Model Number	RAPTOR-37
Optical Zoom / Digital Zoom	Optical Zoom: 37x / Digital Zoom: 12x
Image Sensor	1/4
Horizontal Resolution	550 TVL (Colour) / 680 TVL (Mono)
Focal Length	F1.6; 3.5-129.5mm Zoom Lens
Angle of View	H : 55.5° (Wide) ~ 1.59° (Tele) V : 42.5° (Wide) ~ 1.19° (Tele)
Scanning System	2:1 Interlaced
Effective Pixels (H x V)	752 x 582
Minimum Illumination (50IRE @ F1.6)	Colour : 0.4 Lux, B/W : 0.02 Lux, 0.001 Lux (Sens-up, 256x)
Video Output / Connector	1.0Vpp, 75 ohm, Composite Video, BNC x 1
Shutter Speed	Auto / Manual, 1/50 ~ 120,000 Seconds
S/N Ratio	>50dB (AGC Off)
Day/Night	Auto / Colour / B/W (IRCut Filter)
Focus	Auto / Manual / Semi-Auto
On Screen Display (OSD)	Menu / PTZ information, etc
White Balance	AWC / Manual / ATW (1,800° K-10,500° K)
Gain Control	Low / Middle / High / Off
SDNR (3D-DNR)	Low / Middle / High / Off
Sens-Up	On / Off (2x ~ 256x)
Backlight Compensation	WDR / BLC / HLC / OFF
Privacy Zones	On/Off
Presets	255 Programmable
Pattern	4
Focus Control	Auto / Manual / One Push
Pan/Tilt	Pan: 360°, Tilt: 295° ; all at 200° / Second
Motion Detection	On/Off (can trigger Alarm Output)
Digital Image Stabiliser	Yes
Communication	RS-485
Protocols	Pelco-D, Pelco-P, Others, Selectable
Wiper	Motor Driven LensCleaner with Anti-Abrasion Soft Silicon Rubber; Auto / Push / Run
Alarm Input/Output	1 Input / 1 Output (Optional AlarmCard Available)
Blower & Heater (Built in)	Blower: On Over 50°C, Blower & Heater On: 5°C 3°C, Blower & Heater Off: 18°C 3°C
Power Supply	AC 24V
Power Consumption	60W (2.5A) Max with Heater/Blower On
Dimensions (D x H)	200 x 469 mm
Operating Conditions	Temperature: -10°C ~ 50°C, Humidity: Max 80% RH
IP Rating	IP68
Weight	13.5kg
Material	Aluminium

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