

2MP IP DUAL SENSOR THERMAL PTZ CAMERA



ENC-HHP5Z-37X-38

FEATURES

- Effective Pixels 640x512
- Sensitivity $\leq 40\text{mK}$
- 100mm Motorized lens optional
- Support 17 color control
- Power off self-locking, strong wind resistance
- Uncooled IRFPA Microbolometer
- Standalone operating
- Support 8 areas temperature Detection



SPECIFICATION

MODEL	Model No.	ENC-HHP5Z-37X-38
	Type	2MP IP Dual Sensor Thermal PTZ Camera
THERMAL CAMERA	Detector Type	Uncooled IRFPA Microbolometer
	Effective Pixels	640(H) x 512(V)
	Thermal Sensitivity (NETD)	$\leq 40\text{mK}$ @F1.0, 300K
	Spectral Range	8~14 μm
	Image Setting	Polarity LUT/ DVE/ Mirror/ FCC/ /3D DNR Brightness/Contrast/ ROI
	Color Palettes	Black-Heat /White-Heat/Rainbow/Iron-Red up to 17 modes
	Pixel Size	17 μm
THERMAL LENS	Focus Control	Motorized Focus
	Focal Length	100mm
	Angle of View (H)	6.2°
VISIBLE CAMERA	Lens Type	Fixed
	Image Sensor	1.2" Sony CMOS
	Effective Resolution	1920x1080
	Shutter Speed	1/5 ~ 1/20,000s
	Min. Illumination	Color: 0.001Lux@F1.2, B/W: 0.1Lux @F1.2
	AGC	Auto/Manual
VISIBLE LENS	S/N Ratio	>55dB
	Focal Length	6~ 222mm
	Max Aperture	F1.5 ~ F4.3
	Angle of View (H)	58.4° ~ 2.1°
	Optical Zoom	37x
Focus Control	Auto / Manual	



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MODEL	Model No.	ENC-HHP5Z-37X-38
	Type	2MP IP Dual Sensor Thermal PTZ Camera
PTZ	Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: +90° ~ -90°
	Pan/Tilt Speed	Pan: 0.01° ~60° /s; Tilt: 0.01° ~30° /s
	Preset Speed	Pan: 0.01° ~60° /s; Tilt: 0.01° ~30° /s
	Presets	400
	PTZ Mode	8 Auto Scan, 12 Tour, 6 Track
	Speed Setup	Auto/Manual (0-8)
	Power Off Memory	Support
	Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period
	Protocol	Pelco-D
	VIDEO AND AUDIO	Compression
Frame Rate		Main Stream: Thermal: D1 @25/30fps Visible: 1920x1080/1280x720 @25/30fps Sub Stream: Thermal: CIF @25/30fps Visible: D1/VGA/640x360/CIF/QCIF/QVGA @25/30fps
Bit Rate Control		CBR/VBR
Bit Rate		Thermal: 100Kbps~6Mbps, Visible: main stream: 500Kbps~12Mbps; sub stream: 100Kbps~6Kbps
ROI		Upto 8 areas
Digital Zoom		16x
Mirror		Support
Defog		Support
Motion Detection		Support
Privacy Masking		Upto 4 Areas
DVE Image Enhance		Support
Audio Compression		G.711U/G.711A
SMART		Behavior Detection
	Intelligent Identification	Perimeter, Single Virtual Fences, Double Virtual Fences
	Statistical Analysis	Abandoned Object, Missing Object
TEMPERATURE DETECTION	Detection Mode	Spot, Line, Area
	Detection Preset	Spot: 20, Line: 2, Area: 16
	Temperature Alarm	Over temperature alarm, Temperature difference alarm
	Response Time	≤30ms
	Effective temp. working environment	-40 °C ~ 60 °C
TEMPERATURE DETECTION	Theory of temp. measurement range	-40 °C ~ 150 °C
	Temp. display mode	Temperature target > 5°C, Display absolute temperature value; Temperature target ≤5°C, Display relative temperature value (temperature difference DEV = highest value - average)
NETWORK	Protocols	IPv4, IPv6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, SIP ,802.1x
	Compatibility	ONVIF (Profile S/G)
	CVBS Output	Support
	RS485	Support
	Network	2 Ethernet (10/100 Base-T) RJ-45 Connector
	Alarm I/O	9/4



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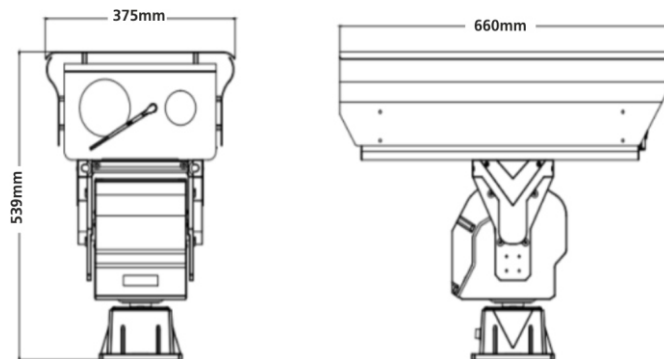


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SPECIFICATION

MODEL	
Model No.	ENC-HHP5Z-37X-38
Type	2MP IP Dual Sensor Thermal PTZ Camera
Power Supply	DC36V
Power Consumption	Max 100W
Edge Storage	Mirco SD, Upto 128GB
Reset Button	Supported
GENERAL	
Working Environment	-40 °C ~ 60 °C, Humidity: 0~ 90% RH
Ingress Protection	IP66
Casing	Metal
Dimensions	660x375x539mm
Net Weight	25Kg

Dimension Unit: mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HHP5Z-37X-38	2MP IP Dual Sensor Temperature Detection Thermal PTZ Camera with Visible Lens of 37X optical Zoom and Thermal Imaging camera with 640(H) x512(V) Thermal Pixel, SD Card and Smart Analytics.	1

PACKING INFORMATION

Part Number	Packing Mode	Gross Weight (kg)	Dimension (mm)
ENC-HHP5Z-37X-38	Carton Box	50kg	660x375x539