

IP DUAL SENSOR TEMPERATURE DETECTION THERMAL PTZ CAMERA



ENC-HHP5Z-30X-37

FEATURES

400x300 Uncooled VOx Micro Bolometer Detector

Sensitivity $\leq 40\text{mK}$

25/50/75/100 mm Motorized Lens

Areas / Spot / Line Temperature Measurement Rule Support

17 Color Patterns Support

Electronic Image Stabilization

IP67



SPECIFICATION

MODEL	Model No.	ENC-HHP5Z-30X-37												
THERMAL CAMERA	Type	IP Dual Sensor Temperature Detection Thermal PTZ Camera												
	Detector Type	Uncooled VOx Focal Plane Arrays												
	Effective Pixels	400x300 and Image can be scaled up to 704x576												
	Pixel Size	17um												
	Thermal Sensitivity (NETD)	$\leq 40\text{ mK}$												
	Spectral Range	8~14um												
	Image Setting	Brightness, Sharpness, Contrast, Mirror, 3D DNR, Mirror / Flip, FFC												
	Color Palettes	White & Black Hot, Ironbow, Rainbow etc. up to 17 modes												
THERMAL LENS	Iris	Auto Fixed IRIS												
	Lens	Fixed												
	Digital Zoom	16x												
	Focus Control	Motorized Focus												
	Focal Length	25/50/75/100 mm												
	F No.	1.0												
	Angle of View(H)	25mm	50mm	75mm	100mm									
		15.4°(H), 11.6°(V)	7.7°(H), 5.8°(V)	5.1°(H), 3.8°(V)	3.8°(H), 2.3°(V)									
	Thermal imaging	Object	Human(1.8mx0.5m)				Vehicle(4mx1.5m)				Fire(1mx1m)			
		Lens	25mm	50mm	75mm	100mm	25mm	50mm	75mm	100mm	25mm	50mm	75mm	100mm
Detection		735m	1471m	2206	2941m	2255m	4510m	6765m	9020m	735m	1471m	2206m	2941m	
Recognition		184m	368m	551m	735m	564m	1127m	1691m	2255m	245m	490m	735m	980m	
Identification		92m	184m	275m	367m	282m	564m	846m	1127m	123m	245m	368m	490m	
VISIBLE CAMERA	Image Sensor	1/1.9" Sony CMOS												
	Max.Resolution	1920 x1080												
	Focal Length	6 ~ 180 mm												
	Optical Zoom	30x												
	Digital Zoom	16x												
	Focus Control	Auto/Manual												
	Max Aperture	F1.5 ~ F4.3												
	Shutter Speed	1s~ 1/100,000s, Auto/Manual												
	Min. Illumination	Color: 0.001 lux @ F1.2, B/W: 0.0001 lux												
	AGC	Auto/Manual												
	Angle of View(H)	59°~2.4°												
	S/N Ratio	>55dB												
WDR	120dB													



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MODEL	Model No.	ENC-HHP5Z-30X-37
	Type	IP Dual Sensor Temperature Detection Thermal PTZ Camera
VIDEO	Video Compression	H.265+, H.265, H.264, MJPEG
	Frame Rate	Main Stream: Thermal: 704x576 @25/30fps; Visible: 1920x1080/1280x720 @25/30fps Sub Stream: Thermal: CIF @25/30fps; Visible: D1/VGA/CIF @25/30fps
	Bit Rate Control	CBR/VBR
	Bit Rate	Thermal: 100Kbps ~ 6Mbps Visible: 100Kbps ~ 12Mbps
	Defog	Supported
	DVE Image Enhance	Supported
	BLC	Supported
	OSD	Supported
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes (Small / Medium / Big), Image overlay
	ROI	Up to 8 regions
Privacy Masking	Up to 4 regions	
AUDIO	Audio Compression	G.711A / G.711U / RAW_PCM
	Audio Bitrate	8 kbps ~ 16kbps
	Audio I/O	2/2
TEMPERATURE	Detection Mode	Spot, Line, Area
	Alarm	Over/Difference Alarm
	Accuracy	±2°C / ±2%
	Response Time	≤30ms
	Measurement range	-40°C ~ 150°C
Display mode	Temperature target > 5°C, Display absolute temperature value; Temperature target ≤ 5°C, Display relative temperature value (Temperature difference DEV = highest value - average)	
SMART	Behaviour Detection	Thermal/Visible: Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Thermal: Abandoned Object (Object Left), Missing Object(Object Lost) Visible: Loitering, Multi Loitering, Abandoned Object (Object Left), Missing Object(Object Lost)
	Statistical Analysis	Visible: Abnormal Speed, Wrong Way Detection, Illegal Parking, Signal Bad
	Alarm Management	Motion Detection, Tampering Alarm, Disk Full Alarm, Temperature Alarm, Input / Output Alarm, Network Alarm
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP V2/V3, 802.1x, QoS, Unicast, Multicast, SNMP, ARP, SSL / TLS 1.2
	Security	AES Video Encryption, IP Filter, User Authentication (Multiple Privilege Level), HTTPS Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF (Profile S, G, T), CGI/SDK
	Network	2x RJ45 10M/100M Self Adaptive Ethernet Port
	Serial Interface	1xRS485
	CVBS Output	Supported
	Edge Storage	SD card slot, up to 128 GB
	Alarm Interface	9 Input / 4 Output
	Heater & Blower	Supported (Optional)
	Max.User access	32
Client Application	EyeGuard	
PAN & TILT	Pan Range	0° ~ 360° (Endless)
	Pan Speed	Pan Manual Speed: 0.01° -60°/s, Pan Preset Speed: 0.01° ~60° /s;
	Tilt Range	-90° ~ +90°
	Tilt Speed	Tilt Manual Speed: 0.01° ~30° /s, Tilt Preset Speed: 0.01° ~30° /s
	Number of Presets	400
	PTZ Mode	8 Auto Scan, 12 Tour, 6 Track
	Speed Setup	Auto/Manual (0-8)
	Power Off Memory	Supported
Idle Motion	Activate Preset/ Scan/Tour/Pattern if there is no command in the specified period	

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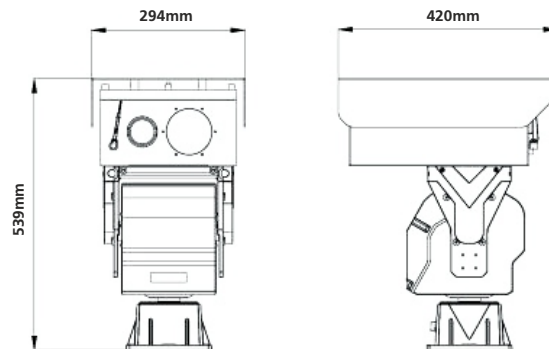


ENC-HHP5Z-30X-37

SPECIFICATION

MODEL	
Model No.	ENC-HHP5Z-30X-37
Type	IP Dual Sensor Temperature Detection Thermal PTZ Camera
GENERAL	
Power Supply	DC36V
Max. Power consumption	100W
Working Temperature	-40 °C ~ 60 °C
Working Humidity	95% RH
Ingress Protection	IP67
Vandal Resistant	IK10 (Housing)
Surge Protection	TVS6000V
Reset Button	Supported
Dimensions	294x420x539mm
Weight	25Kg

Dimension Unit: mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HHP5Z-30X-37	2MP IP Dual Sensor Temperature Detection Thermal PTZ Camera with Visible Lens of 30X Optical Zoom and Thermal Imaging Camera with 400*300 Thermal Resolution and SD Card Slot Support	1

PACKING INFORMATION

Part Number	Packing Mode	Gross Weight (kg)	Dimension (mm)
ENC-HHP5Z-30X-37	Carton Box	-	-