

IP DUAL SENSOR TEMPERATURE DETECTION THERMAL PTZ CAMERA



ENC-HHP5Z-37X-37

FEATURES

- 400x300 Uncooled VOx Micro Bolometer Detector
- Sensitivity $\leq 40\text{mK}$
- 75mm Motorized Lens
- Areas / Spot / Line Temperature Measurement Rule Support
- 17 Color Patterns Support
- Electronic Image Stabilization
- IP67



SPECIFICATION

MODEL	Model No.	ENC-HHP5Z-37X-37			
	Type	IP DUAL SENSOR TEMPERATURE DETECTION THERMAL PTZ CAMERA			
THERMAL 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 Settings	Brightness, Sharpness, Contrast, Mirror, 3D DNR, Mirror / Flip, FFC			
	Color Palettes	White & Black Hot, Ironbow, Rainbow etc. up to 17 modes			
	Iris	Auto Fixed IRIS			
THERMAL LENS	Lens	Fixed			
	Digital Zoom	16x			
	Focus Control	Motorized Focus			
	Focal Length	75			
	F No	1.0			
	Angle of View	5.1°(H), 3.8°(V)			
	Thermal imaging	Object	Human(1.8mx0.5m)	Vehicle(4mx1.5m)	Fire(1mx1m)
		Lens	75mm	75mm	75mm
		Detection	2206m	6765m	2206m
		Recognition	551m	1691m	735m
Identification	275m	846m	368m		
VISIBLE CAMERA	Image Sensor	1/2" Sony CMOS			
	Max Resolution	1920 x 1080			
	Focal Length	6~222mm			
	Optical Zoom	37x			
	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)	58.4° ~ 2.1°			
	S/N Ratio	$\geq 55\text{dB}$			
WDR	120dB				

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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/640x360/CIF/QCIF/QVGA @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
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
	Alarm Notification	E-mail, HTTP, FTP, SD card & Alarm Out (Event Notification/ Recording/ Snapshot upload through E-mail, HTTP, FTP & SD card)
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP, SNTP, 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	1x 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 AND 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

★Product specification and availability are subject to change without notice.

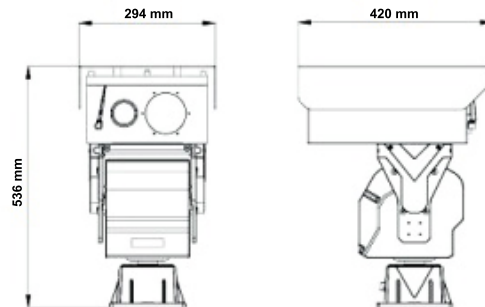
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MODEL		ENC-HHP5Z-37X-37
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GENERAL	Power Supply	DC36V
	Max. Power consumption	100W
	Working Temperature	-40 °C ~ 60 °C
	Working Humidity	95% RH
	Casing	Metal
	Ingress Protection	IP67
	Vandal Resistant	IK10 (Housing)
	Surge Protection	TVS6000V
	Reset Button	Supported
	Dimensions	294x420x536 mm
	Weight	25Kg

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HHP5Z-37X-37	2MP IP Dual Sensor Temperature Detection Thermal PTZ Camera with Visible Lens of 37X Optical Zoom and Thermal Imaging Camera with 400x300 Thermal Resolution and SD Card Slot Support	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HHP5Z-37X-37	Carton Box	-	-