

IP DUAL SENSOR THERMAL PTZ CAMERA



ENC-HPT7Z-30X-37

FEATURES

400x300 Uncooled VOx Micro Bolometer Detector

Sensitivity ≤ 40mK

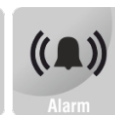
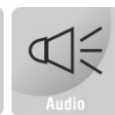
8/15/25/35/50 mm Fixed Lens

Areas / Spot / Line Temperature Measurement Rule Support

17 Color Patterns Support

Electronic Image Stabilization

IP67



SPECIFICATION

MODEL		ENC-HPT7Z-30X-37															
THERMAL CAMERA	Type	IP DUAL SENSOR THERMAL PTZ CAMERA															
	Detector Type	Uncooled VOx Focal Plane Arrays															
	Effective Pixels	400x300 and Image can be scaled up to 704x576															
	Pixel Size	17µm															
	Thermal Sensitivity (NETD)	≤40 mK															
	Spectral Range	8~14µm															
	Image Setting	Brightness, Sharpness, Contrast, 2D/3D DNR, Mirror / Flip, FFC															
	Color Patterns	White & Black Hot, Ironbow, Rainbow etc. up to 17 modes															
	Iris	Auto Fixed IRIS															
	THERMAL LENS	Lens	Fixed														
Focus Control		Manual Focus															
Focal Length		8/15/25/35/50 mm															
F No		1.0															
Angle of View(H)		8mm	15mm	25mm	35mm	50mm											
		46.0°(H), 35.3°(V)	25.5°(H), 19.2°(V)	15.4°(H), 11.6°(V)	11.0°(H), 9.0°(V)	7.7°(H), 5.8°(V)											
Thermal imaging		Object	Human(1.8mx0.5m)				Vehicle(4.0mx1.5m)					Fire(1.0mx1.0m)					
		Lens (mm)	8	15	25	35	50	8	15	25	35	50	8	15	25	35	50
		Detection (m)	235	441	735	1029	1471	722	1353	2255	3137	4510	235	441	735	1029	1471
		Recognition (m)	59	110	184	257	368	180	338	564	779	1127	78	147	245	343	490
Identification (m)	29	55	92	129	184	90	169	282	395	564	39	74	123	172	245		
VISIBLE CAMERA	Image Sensor	1/2.8" Sony CMOS															
	Max Resolution	2592 x 1520															
	Focal Length	5.3~159 mm															
	Optical Zoom	30x															
	Digital Zoom	16x															
	Focus Control	Auto/Semi Auto/Manual															
	Max Aperture	F1.6 ~ F4.3															
	Shutter Speed	1s ~ 1/100,000s, Auto/Manual															
	Min. Illumination	Color: 0.01 Lux @ F1.2, B/W: 0.001 Lux with IR															
	AGC	Auto / Manual															
	Angle of View (H)	55.0° ~ 2.3°															
	Angle of View (V)	41.6° ~ 1.7°															
Angle of View (D)	64.9° ~ 2.8°																
S/N Ratio	≥55dB																
Defog	Smart Defog																
WDR	120dB																
Smart IR	Up to 30m																



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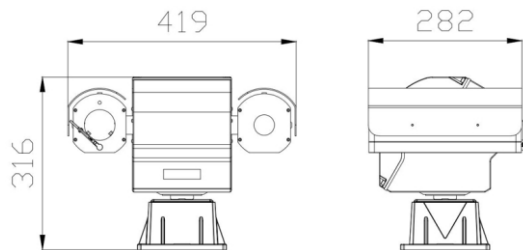
MODEL		Model No.	ENC-HPT7Z-30X-37	
VIDEO	Type	IP DUAL SENSOR THERMAL PTZ CAMERA		
	Video Compression	H.265+, H.265, H.264, MJPEG		
	Frame Rate	Main Stream: Thermal: 704x576 @25/30fps; Visible: (2592x1520, 1920x1080, 1280x720) @25/30fps Sub Stream: Thermal: 352x288 @25/30fps; Visible: (704x576, 640x480, 352x288) @25/30fps		
	Bit Rate Control	CBR,VBR		
	Bit Rate	Thermal: 10Kbps ~ 6Mbps Visible: 100Kbps ~ 12Mbps		
	DVE Image Enhance	Supported		
	BLC	Supported		
	HCL	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 (Total 20 Rules - 1 Full Screen and 19 Others)		
	Alarm	Over / Difference Alarm		
	Accuracy	±2° C / ±2%		
	Response Time	≤ 30 ms		
	Measurement range	-20°C ~ 150°C (Optional -20°C ~ 550°C)		
INTERFACE	Display Mode	Temperature target > 5°C, Display absolute temperature value; Temperature target ≤ 5°C, Display relative temperature value (Temperature difference DEV = highest value - average)		
	Protocols	TCP/IP, UDP, IPv4, IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP (SSL/TLS), IGMP, 802.1x, QoS, Unicast, SNMP, ARP		
	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		
	BNC	Supported		
	CVBS Output	Supported		
	Edge Storage	SD card slot, up to 256 GB		
	Alarm I/O	9/4		
	Heater	Supported (Optional)		
	Fan	Supported		
	Max. User	32		
	Client Application	EyeGuard		
	Wiper	Supported		
	SMART	Behaviour Detection	Thermal/Visible: Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)	
		Intelligent Identification	Thermal: Region Entry / Exit Visible: Loitering, Multi Loitering	
		Statistical Analysis	Visible: Wrong Way Detection, People Counting, Human / Vehicle Detection, Smoke and Fire Detection	
		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)		



ENC-HPT7Z-30X-37

MODEL	
Model No.	ENC-HPT7Z-30X-37
Type	IP DUAL SENSOR THERMAL PTZ CAMERA
Pan Range	0° ~ 360° (Endless)
Pan Speed	Pan Manual Speed: 0.01° -60°/s, Pan Preset Speed: 60°/s
Tilt Range	-90° ~ +90°
Tilt Speed	Tilt Manual Speed: 0.01° ~30°/s, Tilt Preset Speed:30°/s
Preset Accuracy	± 0.1°
3D Position	Supported
Number of Presets	400
PTZ Mode	8 Scan, 12 Patrols, 6 Track (32 Presets Per Scan)
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
GENERAL	
Power Supply	DC 36V
Max.Power consumption	80 W
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	282 × 419 × 316 mm
Weight	16.5Kg

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HPT7Z-30X-37	4MP IP Dual Sensor Temperature Detection Thermal PTZ Camera with Visible Lens of 30X 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-HPT7Z-30X-37	Carton Box	-	-