

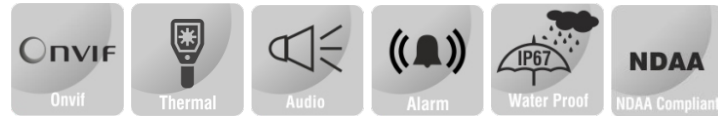
IP DUAL SENSOR THERMAL PTZ CAMERA



ENC-HPT7Z-30X-39

FEATURES

640x512 Uncooled VOx Micro Bolometer Detector
Sensitivity ≤ 40mK
9/15/25 mm Fixed Lens
Areas / Spot / Line Temperature Measurement Rule Support
17 Color Patterns Support
Electronic Image Stabilization
IP67



SPECIFICATION

MODEL		ENC-HPT7Z-30X-39						
THERMAL CAMERA	Type	IP DUAL SENSOR THERMAL PTZ CAMERA						
	Detector Type	Uncooled VOx Focal Plane Arrays						
	Effective Pixels	640x512 and Image can be scaled up to 1280x1024						
	Pixel Size	12µm						
	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						
THERMAL LENS	Lens Type	Fixed						
	Focus Control	Fixed Focus						
	Focal Length	9/15/25 mm						
	F No	1.0						
	Angle of View	9mm	15mm	25mm				
		48.0°(H), 38.0°(V)	29.0°(H), 23.0°(V)	17.0°(H), 14.0°(V)				
	Thermal imaging**	Object	Human (1.8m x 0.5m)			Vehicle (4.0m x 1.5m)		
		Lens (mm)	9	15	25	9	15	25
		Detection (m)	375	441	735	1150	1353	2255
		Recognition (m)	94	110	184	288	338	564
		Identification (m)	47	55	92	144	169	282
	Fire Detection	Object	Fire (1.0m x 1.0m)					
Lens (mm)		9	15	25				
Detection (m)	375	625	1042					
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	F1.2 ~ 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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	Type	IP DUAL SENSOR THERMAL PTZ CAMERA	
VIDEO	Video Compression	H.265+, H.265, H.264, MJPEG	
	Frame Rate	Main Stream: Thermal: (1280x1024, 1280x720, 640x512) @25fps ; Visible: (2592x1520, 1920x1080, 1280x720) @25/30fps Sub Stream: Thermal: (704x576) @25/30fps; Visible: (704x576, 640x480, 352x288) @25/30fps	
	Bit Rate Control	CBR,VBR	
	Bit Rate	Thermal: 100Kbps ~ 8Mbps 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		1/1	
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	
INTERFACE	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	2x RJ45 10M/100M Self Adaptive Ethernet Port	
	Serial Interface	1xRS485	
	BNC	Supported	
	CVBS Output	Supported	
	Edge Storage	SD card slot, up to 512 GB	
	Alarm I/O	0/1	
	Heater	Supported (Optional)	
	Fan	Supported	
	Max. User	10	
	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	
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)	

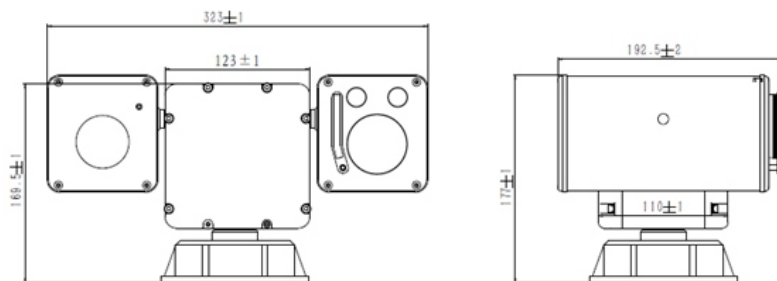
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ENC-HPT7Z-30X-39

MODEL	
Model No.	ENC-HPT7Z-30X-39
Type	IP DUAL SENSOR THERMAL PTZ CAMERA
Pan Range	0° ~ 360° (Endless)
Pan Speed	Pan Manual Speed: 0.01° -30%/s, Pan Preset Speed: 30°
Tilt Range	-90° ~ +90°
Tilt Speed	Tilt Manual Speed: 0.01° ~10° /s, Tilt Preset Speed:10°
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 24V
Max.Power consumption	40W
Working Temperature	-30 °C ~ 60 °C
Working Humidity	≤95% RH
Casing	Metal
Ingress Protection	IP67
Surge Protection	TVS6000V
Reset Button	Supported
Dimensions	322 x192 x163 mm
Weight	5Kg

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HPT7Z-30X-39	4MP IP Dual Sensor Temperature Detection Thermal PTZ Camera with Visible Lens of 30X Optical Zoom and Thermal Imaging Camera with 640*512 Thermal Resolution and SD Card Slot Support	1

PACKING INFORMATION

Part Number	Packing Mode	Gross Weight (kg)	Dimension (mm)
ENC-HPT7Z-30X-39	Carton Box	-	-

**The detection ranges may vary in different conditions. Product performance is based on testing in a controlled environment. Results may vary due to several external and environmental factors.

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