

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	Model No.	ENC-HPT7Z-30X-39									
	Type	IP DUAL SENSOR THERMAL PTZ CAMERA									
THERMAL 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									
	Iris	Auto Fixed IRIS									
THERMAL LENS	Lens Type	Fixed									
	Focus Control	Motorized Focus									
	Digital Zoom	16x									
	Focal Length	9/15/25 mm									
	F No	1.0									
	Angle of View(H)	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(1.8mx0.5m)			Vehicle(4.0mx1.5m)			Fire(1.0mx1.0m)		
		Lens (mm)	9	15	25	9	15	25	9	15	25
		Detection (m)	375	441	735	1150	1353	2255	375	441	735
Recognition (m)		94	110	184	288	338	564	125	147	245	
Identification (m)	47	55	92	144	169	282	63	74	123		
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										

NORDEN® | IP DUAL SENSOR THERMAL PTZ CAMERA - VERSION 3.0

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

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VIDEO	Video Compression	H.265+, H.265, H.264, MJPEG
	Frame Rate	Main Stream: Thermal: (1280×1024, 1280×720, 640×512) @25fps ; Visible: (2592×1520, 1920×1080, 1280×720) @25/30fps Sub Stream: Thermal: (704×576) @25/30fps; Visible: (704×576, 640×480, 352×288) @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
	Alarm	Over / Difference Alarm
	Accuracy	±2°C / ±2%
	Response Time	≤ 30 ms
	Measurement range	-20°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)
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 256 GB
	Alarm I/O	0/1
	Heater	Supported (Optional)
	Fan	Supported
	Max. User	10
	Client Application	EyeGuard
	Wiper	Supported
	SMART	Behaviour Detection
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)

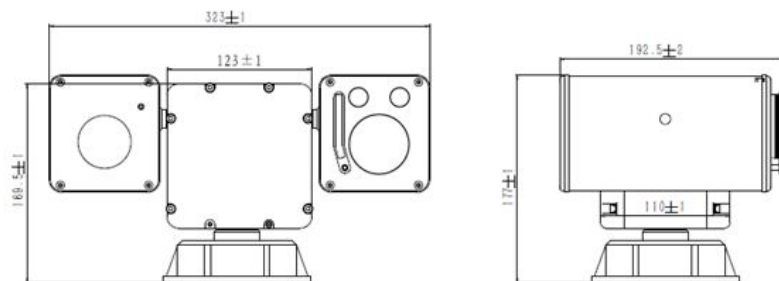
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ENC-HPT7Z-30X-39

MODEL		Model No.	ENC-HPT7Z-30X-39
		Type	IP DUAL SENSOR THERMAL PTZ CAMERA
PAN AND TILT	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	-	-