

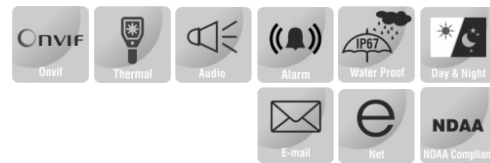
IP DUAL SENSOR THERMAL PTZ CAMERA



ENC-HHP5Z-30X-39

FEATURES

640x512 Uncooled VOx Micro Bolometer Detector
Sensitivity ≤40mK
25/50/75/100 mm Motorized Focus Lens
Areas / Spot / Line Temperature Measurement Rule Support
17 Color Patterns Support
Electronic Image Stabilization
IP67



SPECIFICATION

MODEL	Model No.	ENC-HHP5Z-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	12um												
	Thermal Sensitivity (NETD)	≤40 mK												
	Spectral Range	8~14um												
	Image Settings	Brightness, Sharpness, Contrast, 3D DNR, Mirror / Flip, FFC												
	Color Palettes	White & Black Hot, Ironbow, Rainbow etc. up to 17 modes												
	Iris	Auto Fixed IRIS												
	Lens	Fixed												
THERMAL LENS	Digital Zoom	16x												
	Focus Control	Motorized Focus												
	Focal Length	25/50/75/100 mm												
	F No	1.0												
	Angle of view	25mm H:17.0°, V:14.0°	50mm H: 8.0°, V:7.0°	75mm H: 6.0°, V:5.0°	100mm H: 4.3°, V: 3.5°									
	Thermal Imaging	Object	Human (1.8m x 0.5m)				Vehicle (4m x 1.5m)				Fire (1m x 1m)			
		Lens(mm)	25	50	75	100	25	50	75	100	25	50	75	100
		Detection(m)	735	1471	2206	2941	2255	4510	6765	9020	735	1471	2206	2941
		Recognition(m)	184	368	551	735	564	1127	1691	2255	245	490	735	980
		Identification(m)	92	184	275	367	282	564	846	1127	123	245	368	490
VISIBLE CAMERA	Image Sensor	1/1.8" Sony CMOS												
	Max Resolution	1920 x 1080												
	Focal Length	5 ~ 150 mm (Optional 5.3 ~ 159 mm)												
	Optical Zoom	30x												
	Digital Zoom	16x												
	Focus Control	Auto/Semi Auto/Manual												
	Max Aperture	F1.5 ~ F4.3												
	Shutter Speed	1s ~ 1/100,000s, Auto/Manual												
	Min. illumination	Color:0.001 lux @ F1.5, B/W:0.0001 lux												
	AGC	Auto/Manual												
	Angle of View(H)	71.4° ~ 2.7° (Optional 68.2° ~ 2.6°)												
	Angle of View(V)	42.0° ~ 1.5° (Optional 40.1° ~ 1.5°)												
	Angle of View(D)	82.0° ~ 3.0° (Optional 79.1° ~ 3.0°)												
S/N Ratio	≥55dB													
WDR	120dB													

IP DUAL SENSOR THERMAL PTZ CAMERA



ENC-HHP5Z-30X-39

MODEL	Model No.	ENC-HHP5Z-30X-39
	Type	IP DUAL SENSOR THERMAL PTZ CAMERA
VIDEO	Video Compression	H.265+, H.265, H.264, MJPEG
	Frame Rate	Main Stream: Thermal: D1@25/30fps; Visible: (1920x1080, 1280,720) @25/30fps Sub Stream: Thermal: Thermal: CIF @25/30fps; Visible: (D1, VGA, 640x360, CIF, QCIF, QVGA) @25/30fps
	Bit Rate Control	CBR/VBR
	Bit Rate	Thermal: 100Kbps ~ 8Mbps Visible: 100Kbps ~ 12Mbps
	Defog	Supported
	DVE Image Enhance	Supported
	BLC	Supported
	HLC	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 40 regions (each scene up to 8)	
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	-20°C ~ 150°C (Optional -20°C ~ 550°C)
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP, 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	Supported
	Edge Storage	SD card slot, up to 256 GB
	Alarm Interface	9 Input / 4 Output
	Heater & Blower	Supported
	Max User	10
	Client Application	EyeGuard
SMART	Behaviour Detection	Thermal/Visible: Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Thermal: Abandoned Object (Object Left), Missing Object(Object Lost), RegionEntry / Exit 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
Alarm Notification	E-mail, HTTP, FTP, SD card & Alarm Out (Event Notification/ Recording/ Snapshot upload through E-mail, HTTP, FTP & SD card)	

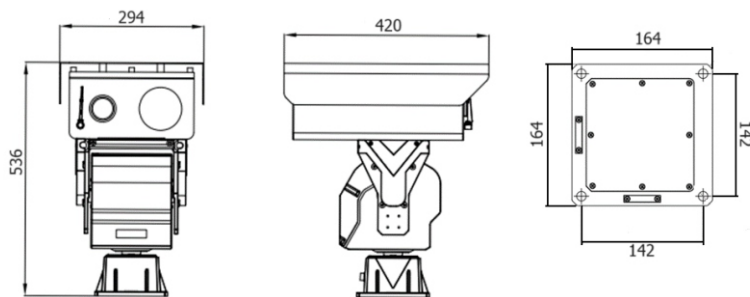
IP DUAL SENSOR THERMAL PTZ CAMERA



ENC-HHP5Z-30X-39

MODEL		ENC-HHP5Z-30X-39
Type		IP DUAL SENSOR THERMAL PTZ CAMERA
PAN AND TILT	Pan Range	0° ~ 360° (Endless)
	Pan Speed	Pan Manual Speed: 0.01° ~ 60°/s, Pan Preset Speed: 60° /s
	Tilt Range	-75° ~ +40°
	Tilt Speed	Tilt Manual Speed: 0.01° ~ 30° /s, Tilt Preset Speed: 30° /s
	Number of Presets	400
	PTZ Mode	12 Tour, 6 Track, 8 Scan (32 Presets per Scan)
	Speed Setup	Auto/Manual (0-8)
	Idle Motion	Activate Preset / Scan / Tour/Pattern if there is no command in the specified period
GENERAL	Power Supply	DC 36V
	Max. Power consumption	100 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	294x420x536mm
Weight	27Kg	

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HHP5Z-30X-39	2MP 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-HHP5Z-30X-39	Carton Box	-	-