

IP THERMAL PTZ CAMERA



ENC-HHP7Z-30X-37

FEATURES

400x300 Uncooled VOx Micro Bolometer Detector

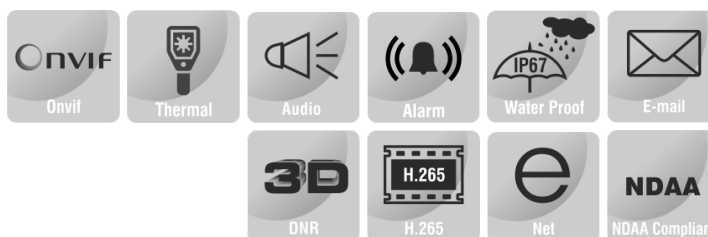
Sensitivity $\leq 40\text{mK}$

25 mm Motorized Focus Lens

Areas / Spot / Line Temperature Measurement Rule Support

17 Color Patterns Support

IP67



SPECIFICATION

MODEL	Model No.	ENC-HHP7Z-30X-37
	Type	IP 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, 2D/3D DNR, Mirror / Flip, FFC
	Color Palettes	White & Black Hot, Ironbow, Rainbow etc. up to 17 modes
THERMAL LENS	Iris	Auto Fixed IRIS
	Lens	Fixed
	Focus Control	Motorized Focus
	Focal Length	25 mm
	F No	F1.0
	Angle of View	15.4°(H), 11.6° (V)
	Detection Distance★	25 mm: Human(1.8mx0.5m) - 735 m, Vehicle(4.0mx1.5m) - 2255 m
	Recognition Distance★	25 mm: Human(1.8mx0.5m) - 184 m, Vehicle(4.0mx1.5m) - 564 m
	Identification Distance★	25 mm: Human(1.8mx0.5m) - 92 m, Vehicle(4.0mx1.5m) - 282 m
Fire Detection★	25 mm: Fire(0.2mx0.2m) - 147 m, Fire (1.0mx1.0m) - 735 m	

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

★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

IP THERMAL PTZ CAMERA



ENC-HHP7Z-30X-37

MODEL	Model No.	ENC-HHP7Z-30X-37
	Type	IP THERMAL PTZ CAMERA
VIDEO	Video Compression	Enhanced (H.265) H.265, H.264, MJPEG
	Frame Rate	Main Stream: (704x576)@25/30fps Sub Stream: (352x288) @25/30fps
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate
	Bit Rate Control	CBR, VBR
	Bit Rate	10Kbps ~ 6Mbps
	OSD	Up to 8 regions
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes (Small / Medium / Big), Image overlay
	Privacy Masking	Up to 4 regions
AUDIO	Audio Compression	G.711A,G.711U,RAW_PCM
	Audio Bitrate	64kbps, 128kbps
	Audio I/O	1 / 1
SMART	Behaviour Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Loitering, Region Entry / Exit Detection, Flame Point Detection
	Statistical Analysis	People Counting, Wrong Way Detection, Human and Vehicle Detection, Temperature Detection
	Alarm Management	Motion Detection, Tampering Alarm, Disk Full Alarm, Temperature Alarm, Input / Output Alarm, Network Alarm
	Alarm Notification	E-mail (Notification & Snapshot), HTTP (Alarm icon), FTP (Snapshot & Recording), SD Card (Recording)
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 (-4°F ~ 302°F)
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 128/256 Encryption, IP Filter, User Authentication (Multiple Privilege Level), HTTPS Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF (Profile S, G, T, M), CGI / SDK
	Network	2x RJ45 10M/100M Self Adaptive Ethernet Port
	Serial Interface	1xRS485
	Edge Storage	Micro SD Card Slot, up to 512 GB
	Alarm I/O	0/1
	Heater	Supported (Optional)
	Fan	Supported
	Max. User	32
	Wiper	Supported
	Client Application	EyeGuard
	PAN AND TILT	Pan Range
Pan Speed		Pan Manual Speed: 0.01° ~ 30°/s, Pan Preset Speed: 30°/s
Tilt Range		-90° ~ +90°
Tilt Speed		Tilt Manual Speed: 0.01° ~ 10°/s, Tilt Preset Speed: 10°/s
Preset Accuracy		±0.1°
Number of Presets		400
3D Position		Supported
Power Off Memory		Supported
PTZ Mode		12 Patrols, 6 Track, 8 Scan (32 Presets Per Scan)
Speed Setup	Auto/Manual (0-8)	

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

★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

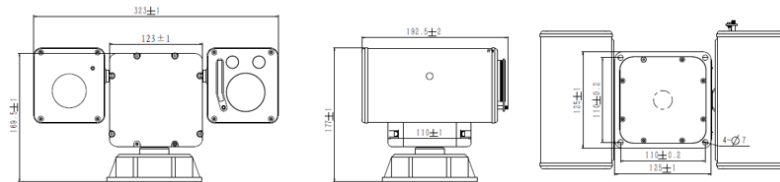
IP THERMAL PTZ CAMERA



ENC-HHP7Z-30X-37

MODEL		ENC-HHP7Z-30X-37
Type		IP THERMAL PTZ CAMERA
GENERAL	Power Supply	24V DC
	Max. Power consumption	≤55 W
	Working Temperature	-40 °C ~ 70 °C
	Working Humidity	≤95% RH
	Casing	Metal
	Ingress Protection	IP67
	Vandal Resistant	IK10 (Housing)
	Surge Protection	TVS6000V
	Reset Button	Supported
	Dimensions	323 ×192.5 ×177 mm
Net Weight	5 Kg	

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HHP7Z-30X-37	IP Thermal PTZ Camera with 400*300 Thermal Resolution and SD Card Slot Support	1
ENC-HHP7Z-30X-37-MOD	4MP Visible Camera Module with 30x Optical Zoom, SD Card Slot, and Smart Analytics	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HHP7Z-30X-37	Carton Box	-	-

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

★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