

IP DUAL SENSOR THERMAL PTZ CAMERA



ENC-HHP7Z-500R-37

FEATURES

400x300 VOx Uncooled Focal Plane Detector

Sensitivity $\leq 40\text{mK}$

75/100 mm Motorized Lens

Areas / Spot / Line Temperature Measurement Rule Support

17 Color Patterns Support

Electronic Image Stabilization

IP67



SPECIFICATION

MODEL	Model No.	ENC-HHP7Z-500R-37						
	Type	IP Dual Sensor 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, Mirror, 2D/3D DNR, Mirror / Flip, FFC						
	Color Palettes	White & Black Hot, Ironbow, Rainbow etc. up to 17 modes						
	Iris	Auto Fixed IRIS						
THERMAL LENS	Lens	Fixed						
	Focus Control	Motorized Focus						
	Focal Length	75/100 mm						
	F No.	1.0						
	Angle of View	75mm	100mm					
		5.1°(H), 3.8°(V)	3.8°(H), 2.3°(V)					
	Thermal imaging	Object	Human(1.8mx0.5m)		Vehicle(4mx1.5m)		Fire(1mx1m)	
		Lens(mm)	75	100	75	100	75	100
		Detection(m)	2206	2941	6765	12778	2206	2941
		Recognition(m)	551	735	1691	3194	735	980
Identification(m)		275	367	846	1127	368	490	
VISIBLE CAMERA	Image Sensor	1/2.8" Sony CMOS						
	Max.Resolution	2592 x 1520						
	Focal Length	5 ~ 200 mm						
	Optical Zoom	40x						
	Digital Zoom	16x						
	Focus Control	Auto / Semi Auto / Manual						
	Max Aperture	F1.2 ~ F3.5						
	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)	55.6° ~ 1.5°						
	Angle of View(V)	32.7° ~ 0.8°						
	Angle of View(D)	64.5° ~ 1.7°						
	S/N Ratio	$\geq 50\text{dB}$						
WDR	120dB							
Smart IR	Up to 500m							



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MODEL	Model No.	ENC-HHP7Z-500R-37
	Type	IP Dual Sensor Thermal PTZ Camera
VIDEO	Video Compression	H.265, H.264
	Frame Rate	Main Stream: Thermal: D1 @25/30fps; Visible: (2592x1520, 2560x1440, 2304x1296, 1920x1080, 1280x720) @25/30fps Sub Stream: Thermal: CIF @25/30fps; Visible: (D1, VGA, 640x360, CIF, QCIF, QVGA) @25/30fps
	Bit Rate Control	CBR/VBR
	Bit Rate	Thermal: 100Kbps ~ 6Mbps Visible: 100Kbps ~ 12Mbps
	Defog	Supported
	Mirror	Supported
	BLC	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
	Alarm	Over / Difference Alarm
	Accuracy	±2°C / ±2%
	Response Time	≤30ms
	Measurement range	-20°C ~ 150°C -20°C ~ 550°C (Optional)
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, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP (SSL/TLS), IGMP, 802.1x, QoS, Unicast, Multicast, 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
	Edge Storage	SD card slot, up to 256 GB
	Alarm Interface	9 Input / 4 Output
	Heater	Supported
	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, Fire Point Detection
	Alarm Management	Motion Detection, Disk Full Alarm, Temperature Alarm, Input / Output Alarm, IVS 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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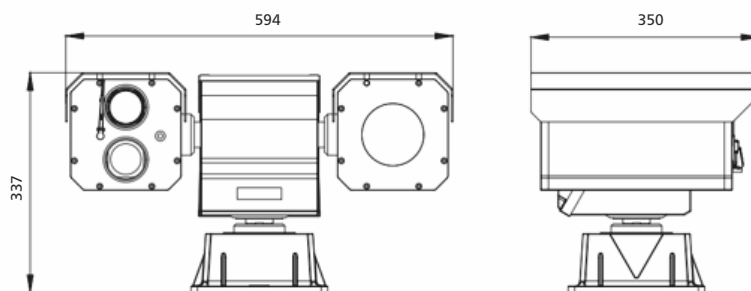


ENC-HHP7Z-500R-37

SPECIFICATION

MODEL	Model No.	ENC-HHP7Z-500R-37
	Type	IP Dual Sensor Thermal PTZ Camera
PAN & TILT	Pan Range	0° ~ 360° (Endless)
	Pan Speed	Pan Manual Speed: 0.01° ~60°/s, Pan Preset Speed: 0.01° ~60° /s;
	Tilt Range	-90° ~ +90°
	Tilt Speed	Tilt Manual Speed: 0.01° ~30° /s, Tilt Preset Speed: 0.01° ~30° /s
	Preset Accuracy	± 0.1°
	Number of Presets	400
	PTZ Mode	8 Auto Scan, 12 Patrol, 6 Track (Up to 32 Preset 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	150W
	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	594x350x337 mm
Weight	23Kg	

Dimension Unit: mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HHP7Z-500R-37	4MP IP Dual Sensor Temperature Detection Thermal PTZ Camera with Visible Lens of 40X Optical Zoom, 500m IR Support and Thermal Imaging Camera with 400*300 Thermal Resolution and SD Card Slot Support	1

PACKING INFORMATION

Part Number	Packing Mode	Gross Weight (kg)	Dimension (mm)
ENC-HHP7Z-500R-37	Carton Box	-	-

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

