

IP DUAL SENSOR THERMAL PTZ CAMERA

ENC-HHP7Z-550R-39

FEATURES

640x512 VOx Uncooled Focal Plane Detector

Sensitivity $\leq 40\text{mK}$

26 ~ 105 mm Motorized Lens

Areas / Spot / Line Temperature Measurement Rule Support

17 Color Patterns Support

IP67



SPECIFICATION

MODEL	Model No.	ENC-HHP7Z-550R-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)	$\leq 40\text{ mK}$
	Spectral Range	8~14um
	Image Settings	Brightness, Sharpness, Contrast, Mirror, 2D/3D DNR, Mirror / Flip, FFC
THERMAL LENS	Color Palettes	White & Black Hot, Ironbow, Rainbow etc. up to 17 modes
	Iris	Auto Fixed IRIS
	Lens	Motorized
	Focus Control	Motorized Focus
	Focal Length	26 ~ 105 mm
	F No	1.6
	Angle of View	26 ~ 105 mm: 16.8° ~ 4.2°(H), 13.4° ~ 3.4°(V)
	Detection	26 ~ 105 mm: Human (1.8mx0.5m) - 1082 ~ 4369 m, Vehicle (4.0mx1.4m) - 3322 ~ 13417 m
Recognition	26 ~ 105 mm: Human (1.8mx0.5m) - 270 ~ 1092 m, Vehicle (4.0mx1.4m) - 831 ~ 3354 m	
Identification	26 ~ 105 mm: Human (1.8mx0.5m) - 135 ~ 546 m, Vehicle (4.0mx1.4m) - 415 ~ 1677 m	
Fire Detection	26 ~ 105 mm: Fire (0.2mx0.2m) - 217 ~ 875 m, Fire (1.0mx1.0m) - 1083 ~ 4375 m	

IP DUAL SENSOR THERMAL PTZ CAMERA

ENC-HHP7Z-550R-39

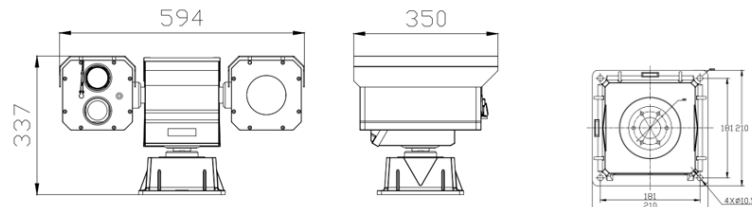
MODEL	Model No.	ENC-HHP7Z-550R-39
	Type	IP DUAL SENSOR THERMAL PTZ CAMERA
VISIBLE CAMERA	Image Sensor	1/8" CMOS
	Max Resolution	2592 x 1520
	Focal Length	5 ~ 200 mm
	Focus Control	Auto / Semi Auto / Manual
	Angle of View (H)	59.1° ~ 1.8°
	Angle of View (V)	41.6° ~ 1.7°
	Angle of View (D)	72.2° ~ 2.4°
	Optical Zoom	40x
	Digital Zoom	16x
	Max Aperture	F1.2 ~ F4.8
	Electronic Shutter	1s ~ 1/100,000s, Auto/Manual
	Min. illumination	Color: 0.01 lux @ F1.2, B/W: 0.001 lux, with IR
	AGC	Auto / Manual
	Defog	Supported
S/N Ratio	≥50dB	
WDR	120dB	
Smart IR	Up to 550 m	
Wavelength	850 nm	
VIDEO	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: Thermal: (1280x1024, 1280x720, 640x512) @25/30fps; Visible: (2592x1520, 2560x1440, 2304x1296, 1920x1080, 1280x720) @25/30fps Sub Stream: Thermal: (704x576, 352x288) @25/30fps; Visible: (704x576, 640x480) @25/30fps
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate
	Bit Rate Control	CBR, VBR
	Bit Rate	Main Stream: Thermal: 100Kbps~6Mbps Visible: 100Kbps~12Mbps
	HLC	Supported
	BLC	Supported
	OSD	Up to 8 regions
	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	64 kbps, 128 kbps
	Audio I/O	2/2
SMART	Behaviour Detection	Thermal/Visible: Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Thermal/Visible: Loitering, Region Entry / Exit Detection, Smoke Detection, Flame Detection, Flame Point Detection
	Statistical Analysis	Thermal/Visible: 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 Other)
	Alarm	Over / Difference Alarm
	Accuracy	±2°C / ±2%
	Response Time	≤ 30ms
	Measurement range	-20°C ~ 150°C (-4°F ~ 302°F)

IP DUAL SENSOR THERMAL PTZ CAMERA

ENC-HHP7Z-550R-39

MODEL	Model No.	ENC-HHP7Z-550R-39
	Type	IP DUAL SENSOR THERMAL PTZ CAMERA
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP (SSL/TLS), SNMP, 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 (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 512 GB
	Alarm I/O	9/4
	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° ~ 60°/s, Pan Preset Speed: 60°/s
Tilt Range		-90° ~ +90°
Tilt Speed		Tilt Manual Speed: 0.01° ~ 30°/s, Tilt Preset Speed: 30°/s
Preset Accuracy		± 0.1°
Number of Presets		400
3D Position		Supported
Power Off Memory		Supported
PTZ Mode		8 Auto Scan, 12 Patrol, 6 Track (Up to 32 Presets Per Scan)
Speed Setup		Auto / Manual (0-8)
GENERAL	Power Supply	36V DC
	Max. Power consumption	≤150 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	594x350x337 mm
Weight	23 Kg	

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HHP7Z-550R-39	4MP IP Dual Sensor Temperature Detection Thermal PTZ Camera with Visible Lens of 40X Optical Zoom , 550m IR Support and Thermal Imaging Camera with 640*512 Thermal Resolution, 26~105mm Thermal Motorsed lens and SD Card Slot Supportt	1

IP DUAL SENSOR THERMAL PTZ CAMERA

ENC-HHP7Z-550R-39

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HHP7Z-550R-39	Carton Box	-	-