

# 2MP PTZ DOME CAMERA



**ENC-HHP5Z-180R-97**

## FEATURES

- Starlight Illumination
- 4.8-120 mm Motorized Lens
- 25X Optical Zoom, 16X Digital Zoom
- 180 m Smart IR (upgradable to 200 m)
- ONVIF Profile (S, G, T)
- Triple Stream
- PoE++, IP67



## SPECIFICATION

MODEL	Model No.	ENC-HHP5Z-180R-97
	Type	2MP PTZ DOME CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 2.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Motorized Zoom Lens
	Focal Length	4.8-120 mm
	Iris Type	DC Auto Iris
	Angle of View (H)	58.5° ~ 2.8°
	Angle of View (V)	33.2° ~ 1.5°
	Aperture Range	F1.5 ~ F3.8
	Optical Zoom	25X
	Digital Zoom	16X
	Zoom Speed	<4s
	Shutter	1s to 1/100,000s
	Min. Illumination	Color: 0.001 lux @ F1.5, B/W: 0 lux with IR
	AGC	Auto / Manual
	Digital Noise Reduction	3D DNR
	S/N Ratio	55 dB
	Defog	Smart Defog
	WDR	140 dB
Smart IR	180 m (upgradable up to 200 m)	
Laser IR	N/A	
Wavelength	850 nm	
White LEDs	N/A	

None

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<b>MODEL</b>	<b>Model No.</b>	<b>ENC-HHP5Z-180R-97</b>
	<b>Type</b>	2MP PTZ DOME CAMERA
<b>VIDEO</b>	<b>Max. Resolution</b>	1920x1080
	<b>Video Compression</b>	H.265+, H.265, H.264, MJPEG
	<b>Frame Rate</b>	Main Stream: (1920x1080, 1280x720, 704x480, 640x480) @ 60fps, (1920x1080, 1280x720, 704x576, 640x480) @ 50fps Sub Stream: (704x480, 704x240, 640x360, 352x240) @ 30fps, (704x576, 704x288, 640x360, 352x288) @ 25fps Third Stream: (1920x1080, 1280x720, 704x480, 704x240, 352x240) @ 30fps, (1920x1080, 1280x720, 704x576, 704x288, 352x288) @ 25fps
	<b>Stream Settings</b>	i-Frame, PAL/NTSC, Frame Rate, EIS, SVC
	<b>Video Bit Rate</b>	32 kbps ~ 16 Mbps
	<b>Bitrate Type</b>	CBR, VBR
	<b>Image Settings</b>	Brightness, Contrast, Saturation, Hue, Sharpness, Rotation/Mirror, Gain, Exposure, Day/Night
	<b>White Balance</b>	Auto, Semi Auto, Sunshine, Daylight, Warm Light, Filament, Nature Light, Lock WB, Manual
	<b>Corridor Mode</b>	N/A
	<b>HLC</b>	Supported
	<b>BLC</b>	Supported
	<b>OSD</b>	Total 5 regions
	<b>OSD Type</b>	Title, Week, Date, Time, Text with different colors and adaptable sizes (16x16, 24x24, 32x32, 48x48, 64x64, 96x96), Image overlay
	<b>ROI</b>	Up to 7 regions
	<b>Privacy Mask</b>	Up to 24 regions
<b>Heatmap</b>	Supported	
<b>AUDIO</b>	<b>Audio Compression</b>	G.711A, G.711U, ADPCM_D, AAC_LC
	<b>Audio Bit Rate</b>	8 kbps ~ 48 kbps
	<b>Audio I/O</b>	1/1
	<b>Audio Voltage</b>	Audio Cable; Input: Impedance 35 kΩ, Amplitude 2 V [p-p]
	<b>Built-in Mic</b>	N/A
<b>SMART</b>	<b>Behavior Detection</b>	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	<b>Intelligent Identification</b>	Loitering, Running, Abandoned Object (Object Left), Parking
	<b>Statistical Analysis</b>	Face Capture, People Counting, Crowd Detection, On Duty Detection, Helmet Detection, Human & Vehicle Classification, Abnormal Video & Audio Detection
	<b>Alarm Management</b>	Motion Detection, Tampering (Masking), IP Address Conflict, Pre/Post Alarm Recording, Alarm Recording/Snapshot
	<b>Auto Tracking</b>	Supported
<b>INTERFACE</b>	<b>Protocols</b>	TCP/IP, UDP, IPv6, HTTP, FTP, NFS, DHCP, DDNS, RTP, RTSP, PPPoE, NTP, UPnP, SMTP (SSL/TLS), 802.1X, Unicast, Multicast, SNMP, SSL, P2P
	<b>Security</b>	AES Video Encryption, IP Filter, User authentication (multiple privilege level), 802.1X authentication (EAP-MD5), Digest authentication, User Access Log
	<b>Compatibility</b>	ONVIF Profile (S, G, T), SDK/API/CGI
	<b>Network</b>	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	<b>Alarm Interface</b>	8/2
	<b>Alarm Voltage</b>	Output: Impedance 600 Ω, Amplitude 2 V [p-p]
	<b>Serial Interface</b>	1 x RS485
	<b>BNC</b>	Supported
	<b>USB</b>	N/A
	<b>Edge Storage</b>	Built-in MicroSD card slot, up to 256 GB
	<b>ANR</b>	Supported
	<b>Built-in Speaker</b>	N/A
	<b>Built-in Heater</b>	N/A
	<b>Cable Interface</b>	Pig Tail
	<b>Remote Connection</b>	≤7
<b>Web Client</b>	EyeConnect	
<b>Web Language</b>	16	
<b>Wiper</b>	N/A	

None

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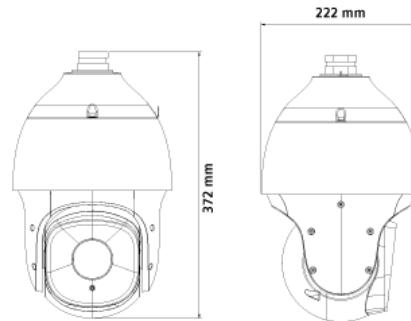
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<b>MODEL</b>	<b>Model No.</b>	<b>ENC-HHP5Z-180R-97</b>
	<b>Type</b>	2MP PTZ DOME CAMERA
<b>PAN AND TILT</b>	<b>Pan Range</b>	360°
	<b>Pan Speed</b>	Pan Manual Speed: 0.1°/s ~ 240°/s, Pan Preset Speed: 300°/s
	<b>Tilt Range</b>	-16° ~ 90° (Auto flip)
	<b>Tilt Speed</b>	Tilt Manual Speed: 0.1°/s ~ 180°/s, Tilt Preset Speed: 240°/s
	<b>Preset Accuracy</b>	±0.4°
	<b>3D Position</b>	Supported
	<b>Cruise</b>	16, up to 32 presets per cruise
	<b>Scan</b>	8
	<b>Pattern</b>	8, each with 600s memory or 1000 orders
	<b>Number of Preset</b>	500
	<b>Power off Recovery</b>	Supported
	<b>GENERAL</b>	<b>Power Supply</b>
<b>Max. Power Consumption</b>		22 W (IR OFF), 44.22 W (IR ON)
<b>Working Temperature</b>		-40 °C ~ 70 °C (IR OFF), -40 °C ~ 40 °C (IR ON)
<b>Working Humidity</b>		0-95% RH (non-condensing)
<b>Ingress Protection</b>		IP67
<b>Vandal Resistant</b>		IK10 (Housing)
<b>Surge Protection</b>		Supported
<b>Reset Button</b>		Supported
<b>Dimensions</b>		Φ222×372 mm
<b>Net Weight</b>		5.3 kg

Dimension Unit : mm



## ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HHP5Z-180R-97	2MP 60fps Starlight IR IP H.265 PTZ Dome Camera with 25X Optical Zoom, Hi-PoE, MicroSD Card Slot, Smart Analytics, WDR and 180m IR Support	1

## PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HHP5Z-180R-97	Carton Box	9	310×310×500

None

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