

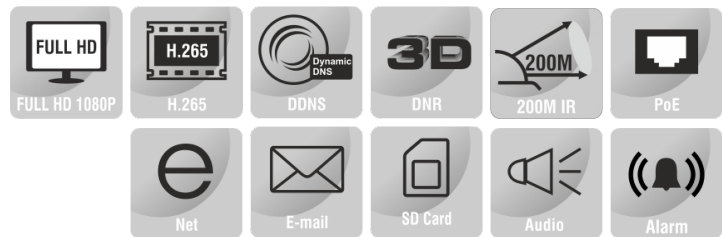
# 2MP PTZ DOME CAMERA



**ENC-HHP5Z-200R-97**

## FEATURES

Starlight Illumination
33X Optical Zoom
16X Digital Zoom
Smart IR up to 200 m
ONVIF Profile (S, G, T)
Triple Stream
Audio and Alarm Support
PoE++, IP67



## SPECIFICATION

MODEL		ENC-HHP5Z-200R-97
	Model No.	ENC-HHP5Z-200R-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	4.5 ~ 148.5mm Lens (Optional 4.3 ~ 141.9mm Lens)
	Focus	Auto / Semi Auto / Manual
	Iris Type	DC Auto Iris
	Angle of View (H)	60.0° ~ 2.3°
	Angle of View (V)	34.4° ~ 1.5°
	Aperture Range	F1.5 ~ F4.0
	Optical Zoom	33X
	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	Up to 200 m	
Laser IR	N/A	
Wavelength	850 nm	
White LEDs	N/A	

None

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

# 2MP PTZ DOME CAMERA



## ENC-HHP5Z-200R-97

MODEL	Model No.	ENC-HHP5Z-200R-97
	Type	2MP PTZ DOME CAMERA
VIDEO	Max. Resolution	1920x1080
	Video Compression	H.265+, H.265, H.264, MJPEG
	Frame Rate	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
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate, EIS, SVC
	Video Bit Rate	32 kbps ~ 16 Mbps
	Bitrate Type	CBR, VBR
	Image Settings	Brightness, Contrast, Saturation, Hue, Sharpness, Rotation/Mirror, Gain, Exposure, Day/Night
	White Balance	Auto, Semi Auto, Sunshine, Daylight, Warm Light, Filament, Nature Light, Lock WB, Manual
	Corridor Mode	N/A
	HLC	Supported
	BLC	Supported
	OSD	Total 5 regions
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes (16x16, 24x24, 32x32, 48x48, 64x64, 96x96), Image overlay
	ROI	Up to 7 regions
Privacy Mask	Up to 24 regions	
Heatmap	Supported	
AUDIO	Audio Compression	G.711A, G.711U, ADPCM_D, AAC_LC
	Audio Bit Rate	8 kbps ~ 48 kbps
	Audio I/O	1/1
	Audio Voltage	Audio input, level 5V, input impedance 1500 ohms; Audio output, level 3V, output impedance 100 ohms
	Built-in Mic	N/A
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Loitering, Running, Abandoned Object (Object Left), Missing Object(Object Lost), Parking
	Statistical Analysis	Face Capture, People Counting, Crowd Detection, On Duty Detection, Helmet Detection, Human & Vehicle Classification, Abnormal Video & Audio Detection
	Alarm Management	Motion Detection, Tampering (Masking), IP Address Conflict, Pre/Post Alarm Recording, Alarm Recording/Snapshot
	Auto Tracking	Supported
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, IGMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, RTMP, PPPoE, NTP, UPnP, SMTP (SSL/TLS), QoS (DSCP), 802.1x, Unicast, Multicast, Telnet, SNMP, ARP, SSL, P2P
	Security	AES Video Encryption, IP Filter, User authentication (multiple privilege level), 802.1X authentication (EAP-MD5), Digest authentication, User Access Log
	Compatibility	ONVIF Profile (S, G, T), SDK/API/CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Alarm Interface	8 Input / 2 Output
	Alarm Voltage	Input (switch type) , Output (3.3V-12V, 10 ohm)
	Serial Interface	1 x RS485
	BNC	Supported
	USB	N/A
	Edge Storage	Built-in MicroSD card slot, up to 256 GB
	ANR	Supported
	Built-in Speaker	N/A
	Built-in Heater	Supported (Optional)
	Cable Interface	Pig Tail
Remote Connection	≤7	
Web Client	EyeConnect	
Web Language	16	
Wiper	N/A	

None

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

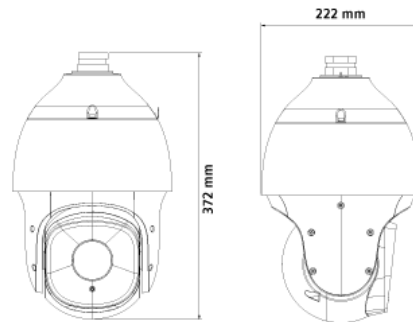
# 2MP PTZ DOME CAMERA



**ENC-HHP5Z-200R-97**

<b>MODEL</b>	<b>Model No.</b>	<b>ENC-HHP5Z-200R-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
<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-200R-97	2MP 60fps Starlight IR IP H.265 PTZ Dome Camera with 33X Optical Zoom, Hi-PoE, MicroSD Card Slot, Smart Analytics, WDR and 200m IR Support	1

## PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HHP5Z-200R-97	Carton Box	9	310×310×500

None

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