

4MP PTZ DOME CAMERA



ENC-HHP7Z-300R-70

FEATURES

- 40X Optical Zoom
- 16X Digital Zoom
- Smart IR up to 300 m
- Onvif Profile (S, G, T, M*)
- Quad Stream
- Audio & Alarm Support
- PoE++, IK10, IP67



SPECIFICATION

MODEL	Model No.	ENC-HHP7Z-300R-70
	Type	4MP PTZ DOME CAMERA
CAMERA	Image Sensor	1/2.8", CMOS Progressive 4.0 MegaPixel
	Day/Night	IR Cut Filter with Auto Switch
	Lens Type	Motorized Zoom Lens
	Focal Length	5 ~ 200 mm (Optional 5.5 ~ 220 mm)
	Focus	Auto / Semi Auto / Manual
	Iris	Auto / Manual
	Angle of View (H)	55.6° ~ 1.5° (Optional 51.2° ~ 1.4°)
	Angle of View (V)	32.7° ~ 1.0° (Optional 30.1° ~ 0.8°)
	Angle of View (D)	64.5° ~ 1.8° (Optional 62.8° ~ 1.6°)
	Aperture Range	F1.6 ~ F5.0
	Optical Zoom	40X
	Digital Zoom	16X
	Electronic Shutter	1s ~ 1/100,000s, Auto/Manual
	Min. illumination	Color: 0.001 lux @ F1.6, B/W: 0.0001; 0 lux with IR
	AGC	Auto / Manual
Digital Noise Reduction	2D & 3D DNR, Auto / Manual	
S/N Ratio	≥55 dB	
Defog	Smart Defog	
WDR	120 dB	
Smart IR	Up to 300 m	
Wavelength	850nm	

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DORI	Lens	5 ~ 200 mm (Optional 5.5 ~ 220 mm)
	Detection	102.0 ~ 3960 m (Optional 111.7 ~ 4243.0 m)
	Observation	40.7 ~ 1597.0 m (Optional 44.5 ~ 1711.1 m)
	Recognition	19.6 ~ 792.0 m (Optional 21.6 ~ 848.6 m)
	Identification	9.0 ~ 396.0 m (Optional 10.0 ~ 424.3 m)
VIDEO	Max. Resolution	2592x1520
	Video Compression	Enhanced (H.265, H264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (2592x1520, 2560x1440) @25/30fps, (1920x1080, 1280x720) @50/60fps Sub Stream: (704x576, 640x480, 352x288) @25/30fps Third Stream: (640x480, 352x288, 176x144) @25/30fps Fourth Stream: (640x480, 352x288, 176x144) @ 25/30fps (Optional)
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate, EIS
	Video Bit Rate	100 kbps ~ 12 Mbps
	Bitrate Type	CBR, VBR
	Image Settings	Brightness, Contrast, Saturation, Sharpness, Day/Night (Color, Mono, Auto), Flip/Mirror/Rotation, Multiple Scene & Profile
	White Balance	Auto / Manual
	HLC	Supported
	BLC	Supported
	OSD	Up to 7 regions
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes
	ROI	Up to 8 regions
	Privacy Masking	Up to 40 regions (each scene up to 8)
	AUDIO	Audio Compression
Audio Bit Rate		64 kbps, 128 kbps
Audio I/O		1/1
Two-Way Communication		Supported
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Loitering, Smoke Detection, Flame Detection
	Statistical Analysis	Face Detection (Capture), Human & Vehicle Detection (Capture), Abnormal Video & Audio Detection, People Counting, Wrong Way Detection, Illegal Parking
	Auto Tracking	Supported
	Alarm Management	Motion Detection, Tampering (Masking), Input & Output Event, Network Alarm, Disk Alarm, Day Night Switch Alarm, Abnormal Audio, Alarm, Pre/Post Alarm Recording, Alarm Recording/Snapshot, Scheduled/Manual Alarm
	Alarm Notifications	E-mail (Notification & Snapshot), HTTP (Alarm icon), FTP (Snapshot & Recording), SD Card (Recording)
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, HTTP, HTTPS, RTSP, RTP, RTCP, DHCP, NTP, PPPoE, SMTP, DNS, DDNS, FTP, UPnP, ARP, 802.1x, QoS, ICMP, IGMP, SNMP, ARP, SSL/TLS, Unicast, Multicast
	Security	TLS Video Encryption, IP Filter, User Authentication (Multiple Privilege Level), 802.1X Authentication, HTTPS Authentication, RTSP Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF (S, G, T, M*), SDK, CGI (* Under Development)
	Network	1xRJ45 10M/100M self adaptive Ethernet port
	Alarm I/O	7/2
	Serial Interface	1xRS485
	CVBS Output	Supported
	Edge Storage	SD card slot, up to 512 GB
	ANR	Supported
	Heater	Supported
	Wiper	Supported
Max. User	32	
Web Client	EyeGuard	

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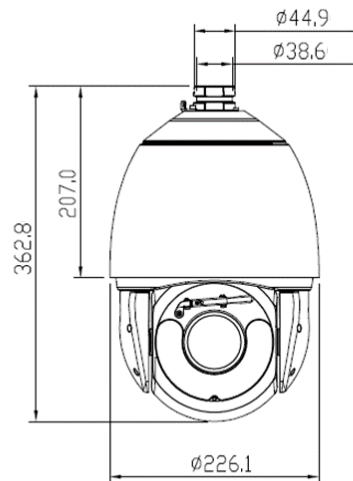
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MODEL		ENC-HHP7Z-300R-70
Type		4MP PTZ DOME CAMERA
PAN AND TILT	Pan Range	360° (Endless)
	Pan Speed	Pan Manual Speed: 0.1°~ 300°/s, Pan Preset Speed: 300°/s
	Tilt Range	-10° ~ +90° (Auto Flip)
	Tilt Speed	Tilt Manual Speed: 0.1° ~ 300°/s, Tilt Preset Speed: 300°/s
	Preset Accuracy	±0.2°
	Number of Presets	400
	Power off Recovery	Supported
	3D Position	Supported
	PTZ Status Display	Supported
	PTZ Mode	6 Track, 12 Tour, 12 Scan (Up to 32 Presets per Tour)
	Speed Setup	Auto/Manual (0-8)
Idle Motion	Activate Preset/ Scan/Tour/Pattern if there is no command in the specified period	
GENERAL	Power Supply	36 DC / 24 V AC, PoE ++ (IEEE 802.3bt)
	Max. Power Consumption	≤45 W
	Working Temperature	-40°C ~ 70°C
	Working Humidity	≤90%RH
	Ingress Protection	IP67
	Vandal Resistant	IK10
	Surge Protection	TVS4000V
	Dimensions	Φ226.1×362.8 mm
Net Weight	5.5 kg	

Dimension Unit : mm



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ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HHP7Z-300R-70	4MP IR IP H.265 High Speed Dome with 40X Optical Zoom, PoE++, SD Card Slot, WDR, Smart Analytics, Built in Wiper and 300m IR Support	1
ENB-BCPW66	Wall Mount Bracket for Norden PTZ Camera (Included in Device Package)	1
ENB-BCPH66	Corner Mount Bracket for Norden PTZ Camera	1
ENB-BCPV66	Pole Mount Bracket for Norden PTZ Camera	1
ENB-BCPJ66	Junction Box for Norden PTZ Camera	1
ENB-BCPW67	Wall Mount Bracket for Norden PTZ Camera	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HHP7Z-300R-70	Carton Box	-	-