

12MP HEMISPHERIC DOME CAMERA



ENC-HVDCH-20R-16

FEATURES

- 1.6 mm Fixed Lens
- Smart IR up to 20 m
- ONVIF Profile (S, G, T)
- Audio & Alarm Support
- PoE, IP67



SPECIFICATION

MODEL	Model No.	ENC-HVDCH-20R-16
	Type	12MP HEMISPHERIC DOME CAMERA
CAMERA	Sensor	1/1.7" CMOS Progressive 12.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Fixed
	Focal Length	1.6 mm
	Focus	Fixed
	Iris	Fixed
	Angle of View	360 °
	Aperture Range	F2.0
	Shutter	1s ~ 1/100,000s, Auto / Manual
	Minimum Illumination	Color: 0.001 lux @ F2.4; B/W:0 lux with IR
	AGC	Auto / Manual
	Digital Noise Reduction	3D, Auto / Manual
	S/N Ratio	≥50 dB
	Smart IR	Up to 20 m
Defog	Smart Defog	
WDR	DWDR	
Wavelength	850 nm	

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	Type	12MP HEMISPHERIC DOME CAMERA
DORI	Lens	1.6 mm
	Detection	35.0 m
	Observation	14.0 m
	Recognition	7.0 m
	Identification	3.5 m
VIDEO	Max. Resolution	4000 x 3000
	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	<p>Mode1: Fisheye Fisheye View (Main Stream): (3000x3000, 2160x2160, 1080x1080) @25/30fps Fisheye View (Sub Stream): (1440x1440, 720x720, 480x480) @25/30fps Fisheye View (Third Stream): (960x960, 640x640, 360x360) @25/30fps</p> <p>Mode2: Panorama View Panorama View (Main Stream): (4000x3000, 3840x2160, 3200x1800, 2560x1440) @20fps Panorama View (Sub Stream): (1920x1080, 960x540, 640x480) @20fps Panorama View (Third Stream): (1280x720, 640x360) @ 20fps</p> <p>Mode 3: Fisheye+3 PTZ+Panorama Fisheye View (Main Stream): (3000x3000, 2160x2160, 1080x1080) @15fps Fisheye View (Sub Stream): (1440x1440, 720x720, 480x480) @15fps Fisheye View (Third Stream): (960x960, 640x640, 360x360) @15fps Panorama View (Main Stream): (4000x3000, 3840x2160, 3200x1800, 2560x1440) @10fps Panorama View (Sub Stream): (1920x1080, 960x540, 640x480) @10fps Panorama View (Third Stream): (1280x720, 640x360) @10fps 3PTZ View: (1280x720) * 3 @15fps</p> <p>Mode 4 Fisheye+ 4 PTZ Fisheye View (Main Stream): (3000x3000, 2160x2160, 1080x1080) @25/30fps Fisheye View (Sub Stream): (1440x1440, 720x720, 480x480) @25/30fps Fisheye View (Third Stream): (960x960, 640x640, 360x360) @25/30fps 4PTZ View : (1280x720) * 4 @15fps</p> <p>Mode5 Fisheye+ 4 PTZ Fusion Fisheye View (Main Stream): (3000x3000, 2160x2160, 1080x1080) @25/30fps Fisheye View (Sub Stream): (1440x1440, 720x720, 480x480) @25/30fps Fisheye View (Third Stream): (960x960, 640x640, 360x360) @25/30fps 4PTZ Fusion View (Main Stream): (2560x1440) @ 20fps 4PTZ Fusion View (Sub Stream): (640x360) @20fps 4PTZ Fusion View (Third Stream): (640x360) @20fps</p>
	Decoding Mode	On-board Dewarping / Client-side Dewarping
	Display Mode	12 display modes in total Client-side Dewarping: Fisheye View, Fisheye View + 3PTZ, 4PTZ, Fisheye view + 8PTZ, Cylinder, Half Sphere, 180 Panorama View, 360 Panorama View, 360 Panorama + PTZ, 360 Panorama + 3PTZ, 360 Panorama + 6PTZ, 360 Panorama + 8PTZ, On-board Dewarping: Fisheye View, Fisheye + 3PTZ, 180 Panorama View, 360 Panorama View, 4PTZ
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate
	Video Bit Rate	128 kbps ~ 16 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 6 regions
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes, Image overlay
	ROI	Up to 4 regions
Privacy Mask	Up to 4 regions	

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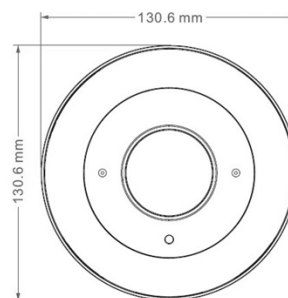
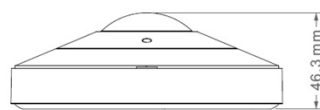
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MODEL	Model No.	ENC-HVDCH-20R-16
	Type	12MP HEMISPHERIC DOME CAMERA
AUDIO	Audio Compression	G.711A, G.711U, RAW_PCM
	Two-way Audio	Supported
	Audio Bit Rate	64kbps, 128kbps
	Audio I/O	1/1
	Built-in Mic	Supported
SMART	Behavior Detection	Mode 1/3/4/5 (Ceiling Mounting): Intrusion (Perimeter), Crossline (Tripwire) (Support For Human) Mode 2/3 (Wall Mounting or Desktop): Intrusion (Perimeter), Crossline (Tripwire)
	Statistical Analysis	Mode 1/3/4/5 (Ceiling Mounting): People Counting, Region Entry / Exit Detection, Crowd Detection, Heat Map (Support For Human) Mode 2/3 (Wall Mounting or Desktop): People Counting, Region Entry / Exit Detection, Human and Vehicle Detection, Crowd Detection.
	Alarm Management	Motion Detection, Tampering(Masking), Input & Output Event, IP Address Conflict, Network Alarm, Disk Alarm
	Alarm Notifications	E-mail (Notification & Snapshot), HTTP (Alarm icon), FTP (Snapshot & Recording), SD Card (Recording)
INTERFACE	Protocols	UDP, IPv4, IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTCP, RTSP, RTMP, PPPoE, NTP, UPnP, SMTP, 802.1X, QoS, SNMP
	Security	AES 128/256 Video Encryption, IP Filter, User Authentication (Multiple Privilege Level), 802.1X Authentication, HTTPS Authentication, RTSP Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF (Profile S, G, T), SDK/CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Alarm I/O	1/1
	Edge Storage	SD card slot, up to 256GB
	Max. User	6
GENERAL	Power	12V DC, PoE (IEEE 802.3af)
	Power consumption	≤10.5 W
	Working Temperature	-40°C ~ 60°C
	Working Humidity	≤95% RH
	Ingress Protection	IP67
	Vandal Resistant	IK10 (Optional)
	Surge Protection	TVS4000V
	Reset Button	Supported
	Dimensions	Φ130 × 46.3 mm
	Weight	0.5 kg

Dimension Unit : mm



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ENC-HVDCH-20R-16

ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HVDCH-20R-16	12MP IR IP Hemispheric Dome Camera with 1.6mm Fisheye Lens, PoE, SD Card Slot , Built-in Mic, Smart Analytics and 20m IR Support	1
ENB-BVFJ67	Junction Box for Norden Fisheye Camera	1
ENB-BVFW67	Wall Mount Bracket for Norden Fisheye Camera	1
ENB-BVFC67	Ceiling Bracket for Norden Fisheye Camera	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HVDCH-20R-16	Carton Box	-	-