

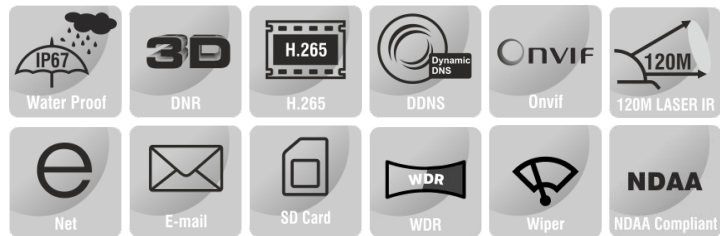
4MP VEHICLE PTZ CAMERA



ENC-HVP7Z-120R-16

FEATURES

- 30X Optical Zoom
- 16X Digital Zoom
- ONVIF Profile (S, G, T, M)
- Quad Stream
- Wiper Support
- Top Mounted on Vehicle
- IP67



SPECIFICATION

MODEL	Model No.	ENC-HVP7Z-120R-16
	Type	4MP VEHICLE PTZ CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 4.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Zoom Lens
	Focal Length	4.5 ~ 135 mm (Optional 5.3 ~ 159 mm)
	Focus	Auto / Semi Auto / Manual
	Iris Type	DC Auto Iris
	Angle of View (H)	60.7° ~ 2.2° (Optional 56.3° ~ 2.7°)
	Angle of View (V)	46.6° ~ 1.6° (Optional 33.3° ~ 1.5°)
	Angle of View (D)	76.5° ~ 2.7° (Optional 65.4° ~ 3.0°)
	Aperture Range	F1.6 ~ F4.3
	Optical Zoom	30X
	Digital Zoom	16X
	Electronic Shutter	1s ~ 1/100,000s, Auto / Manual
	Min. Illumination	Color: 0.01 lux @ F1.2, B/W: 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 120 m	
Wavelength	850 nm	

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DORI	Lens	4.5 ~ 135 mm (Optional 5.3 ~ 159 mm)
	Detection	68.0 ~ 2000.0 m (Optional 104.0 ~ 3120.0 m)
	Observation	27.0 ~ 806.3 m (Optional 41.6 ~ 1248.0 m)
	Recognition	12.6 ~ 400.0 m (Optional 20.8 ~ 624.0 m)
	Identification	5.2 ~ 200.0 m (Optional 10.8 ~ 312.0 m)
VIDEO	Max. Resolution	2592x1520
	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (2592x1520) @25/30fps, (1920x1080, 1280x720) @50/60fps Sub Stream: (1920x1080, 1280x720, 704x576) @ 25/30fps Third Stream: (640x480, 352x288, 320x240) @ 25/30fps Forth Stream: (640x480, 352x288, 320x240) @ 25/30fps (Optional)
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate
	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, Day/Night, Tungsten, Fluorescent, Shadow, Manual
	HLC	Supported
	BLC	Supported
	OSD	Up to 8 regions
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes , Image overlay
	ROI	Up to 8 regions
Privacy Mask	Up to 4 regions	
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Loitering, Multi Loitering, Abandoned Object (Object Left), Missing Object (Object Lost), Smoke Detection, Flame Detection
	Statistical Analysis	Face Detection , People Counting, Human & Vehicle Detection, Abnormal Video & Audio Detection, Wrong Way Detection, Illegal Parking, Tampering / Masking / Scene Change, Abnormal Speed
	Alarm Management	Motion Detection, Tampering (Masking), Input & Output Event, IP & MAC Address Conflict, Disk Alarm (Full & R/W Error), FTP Server Exception, Abnormal Voltage, Pre/Post Alarm Recording, Alarm Recording/Snapshot
	Alarm Notifications	E-mail (Notification & Snapshot), HTTP(Alarm icon), FTP(Snapshot & Recording) , SD Card(Recording)
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP (SSL/TLS), IGMP, 802.1X, Unicast, SNMP, ARP
	Security	AES 128/256 Encryption IP Address Filtering, User Authentication (Multiple Privilege Level), 802.1X Authentication, HTTPS Authentication, RTSP Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF Profile (S, G, T, M) , SDK, CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Serial Interface	1xRS485
	BNC	Supported
	Edge Storage	Micro SD card Slot, Up to 512 GB
Wiper	Supported	
PAN AND TILT	Pan Range	0° ~ 360° (Endless)
	Pan Speed	Pan Manual Speed: 0.1°/s ~ 60°/s, Pan Preset Speed: 100°/s
	Tilt Range	-90° ~ 90°
	Tilt Speed	Tilt Manual Speed: 0.1°/s ~ 40°/s, Tilt Preset Speed: 60°/s
	Preset Accuracy	±0.1°
	Number of Preset	256
	3D Position	Supported
	Cruise Track	6
Power-off Memory	Supported	
GENERAL	Power Supply	12V DC
	Power Consumption	≤18W
	Working Temperature	-35 °C ~ +65 °C
	Working Humidity	≤95% RH (non-condensing)
	Ingress Protection	IP67
	Reset Button	Supported
	Dimensions	248x375x210 mm
Net Weight	7 kg	

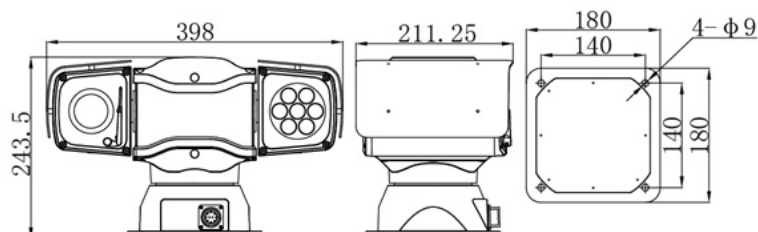
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ENC-HVP7Z-120R-16

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HVP7Z-120R-16	4MP IR IP H.265 Vehicle PTZ Camera with 30X Optical Zoom, SD Card slot and 120m IR Support	1
ENB-BVP00	Bracket for Norden Vehicle PTZ Camera	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HVP7Z-120R-16	Carton Box	-	-