

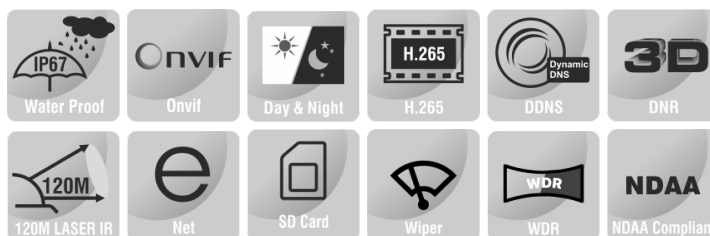
# 2MP VEHICLE PTZ CAMERA



## ENC-HVP5Z-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-HVP5Z-120R-16
	Type	2MP VEHICLE PTZ CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 2.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Zoom Lens
	Focal Length	4.5 ~ 135 mm (Optional 4.3 ~ 129 mm)
	Focus	Auto / Semi Auto / Manual
	Iris Type	DC Auto Iris
	Angle of View (H)	60.7° ~ 2.2° (Optional 63.0° ~ 2.3°)
	Angle of View (V)	46.6° ~ 1.6° (Optional 48.4° ~ 1.7°)
	Angle of View (D)	76.5° ~ 2.7° (Optional 80.0° ~ 2.8°)
	Aperture Range	F1.6 ~ F4.3
	Optical Zoom	30X
	Digital Zoom	16X
	Electronic Shutter	1s ~ 1/100,000s
	Min. Illumination	Color: 0.01 lux @ F1.2, B/W: 0 lux with IR
	AGC	Auto / Manual
Digital Noise Reduction	3D DNR	
S/N Ratio	≥55 dB	
Defog	Smart Defog	
WDR	120 dB	
Smart IR	Up to 120m	
Wavelength	850 nm	

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

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	Type	2MP VEHICLE PTZ CAMERA
<b>DORI</b>	Lens	4.5 ~ 135 mm (Optional 4.3 ~ 129 mm)
	Detection	68.0 ~ 2000.0 m (Optional 65.3 ~ 1912.8 m)
	Observation	27.0 ~ 806.3 m (Optional 25.6 ~ 771.0 m)
	Recognition	12.6 ~ 400.0 m (Optional 12.0 ~ 382.6 m)
	Identification	5.2 ~ 200.0 m (Optional 5.0 ~ 191.3 m)
<b>VIDEO</b>	Max. Resolution	1920x1080
	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (1920x1080, 1280x720) @50/60fps Sub Stream: (1920x1080, 1280x720, 704x576) @ 25/30fps Third Stream: (640x480, 352x288, 320x240) @ 25/30fps Fourth 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
<b>SMART</b>	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)
<b>INTERFACE</b>	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 128/256 128 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
<b>PAN AND TILT</b>	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
<b>GENERAL</b>	Power-off Memory	Supported
	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	398x211.2x243.5 mm	
Net Weight	7 kg	

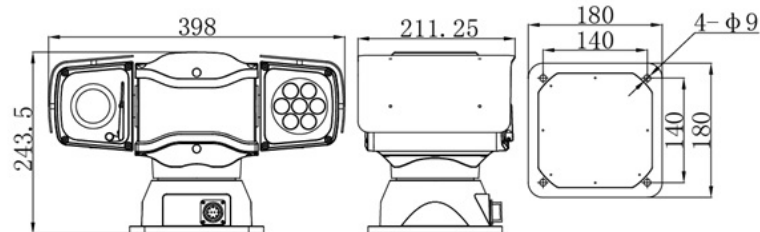
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## ENC-HVP5Z-120R-16

Dimension Unit : mm



### ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HVP5Z-120R-16	2MP IR IP H.265 Vehicle PTZ Camera with 30X Optical Zoom, SD Card Slot, Wiper 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-HVP5Z-120R-16	Carton Box	-	-