

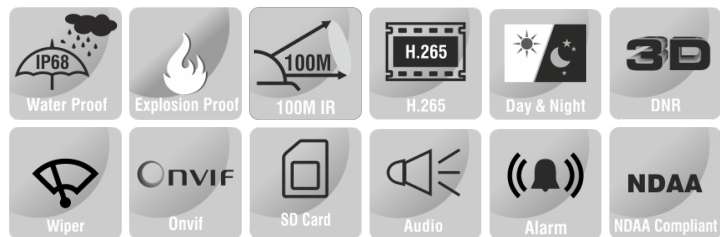
2MP EXPLOSION PROOF BULLET CAMERA



ENC-HBU5Z-100R-24

FEATURES

316L Stainless Steel Construction
5 ~ 150 mm (Optional 4.5 ~ 135 mm)
30X Optical Zoom, 16X Digital Zoom
ONVIF Profile (S, G, T, M)
Quad Stream
Wiper Support
ATEX/ IECEx/ CCoE (PESO) Certified
Applicable for GAS Zone 1, Zone 2, Class IIA, IIB, IIC
Applicable for Temperature Classes T1-T6
Applicable for Dust Zone 21, 22
IP68, PoE++



SPECIFICATION

MODEL	Model No.	ENC-HBU5Z-100R-24
	Type	2MP EXPLOSION PROOF BULLET CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 2.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Motorized Lens
	Focal Length	5 ~ 150 mm (Optional 4.5 ~ 135 mm)
	Focus	Auto / Semi Auto / Manual
	Iris Type	P Iris (Optional DC Auto Iris), Auto/ Manual
	Angle of View (H)	55.3° ~ 2.3° (Optional 60.0°-2.5°)
	Angle of View (V)	31.2° ~ 1.3° (Optional 33.8°-1.4°)
	Angle of View (D)	63.5°-2.7° (Optional 69.0°-2.9°)
	Aperture Range	F1.6 ~ F4.4
	Optical Zoom	30X
	Digital Zoom	16X
	Electronic Shutter	1s - 1/100,000s, Auto/Manual
	Min. Illumination	Color: 0.001 lux @ F1.6, 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 100 m	
Wavelength	850 nm	

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DORI	Lens	5 ~ 150 mm (Optional 4.5 ~ 135 mm)
	Detection	101.0 ~ 3060.0 m (Optional 69.8 ~ 2094.8 m)
	Observation	39.7 ~ 1203.0 m (Optional 27.9 ~ 837.9 m)
	Recognition	19.1 ~ 615.0 m (Optional 14.0 ~ 419 m)
	Identification	10.1 ~ 306.0 m (Optional 7.0 ~ 209.5 m)
VIDEO	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, 176x144) @ 25/30fps Fourth Stream: (640x480, 352x288, 320x240, 176x144) @ 25/30fps (Optional)
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate
	EIS	Supported
	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, Daynight, Tungsten, 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
AUDIO	Audio Compression	G.711A, G.711U, RAW_PCM
	Audio Bit Rate	64Kbps, 128Kbps
	Audio I/O	1/1
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire), Double crossline (Double Tripwire)
	Intelligent Identification	Abandoned object (Object Left), Missing Object (Object Lost), Loitering, Multi Loitering
	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, Network Alarm, Disk Alarm, Day Night Switch Alarm, Abnormal Audio Alarm, 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, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP , IGMP, 802.1X, Unicast, Multicast, QoS, ARP, SNMP, SSL/TLS1.2
	Security	TLS 128 Encryption, IPFilter,UserAuthentication (Multiple Privilege Level), 802.1X Authentication (EAP-MD5), HTTPSAuthentication, RTSP Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF (S, G, T, M) , SDK, CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Alarm I/O	2/2 (Customizable)
	Serial Interface	1xRS485
	Edge Storage	Micro SD Card Slot, up to 256 GB
	ANR	Supported
	Built-in Heater	Supported
	Wiper	Supported
	Max. User	32
	Web Language	15
Client Application	EyeGuard	

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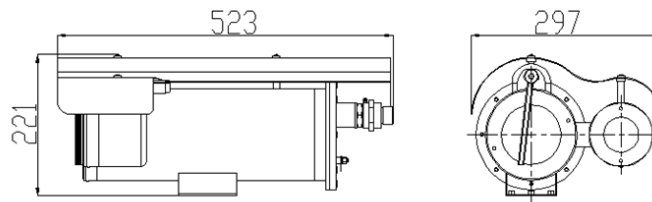
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MODEL		ENC-HBU5Z-100R-24
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	Type	2MP EXPLOSION PROOF BULLET CAMERA
GENERAL	Power Supply	110V ~ 240V AC, PoE++ (IEEE 802.3bt), (Optional 24V DC, 48V DC, 24V AC)
	Max Power Consumption	≤30W (with thermostat)
	Working Temperature	-40 °C ~ 70 °C
	Working Humidity	≤95% RH (non-condensing)
	Atmospheric Pressure	80 kPa ~ 106 kPa
	Window Glass	Strong Tempered Glass
	Sun Shade	Supported
	Ingress Protection	IP68
	Surge Protection	TVS4000V
	Reset Button	Supported
	Dimensions	523x297x221 mm
Net Weight	15.5 kg	

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU5Z-100R-24 (With 5 ~ 150 mm Lens, P iris and 110V ~ 240V AC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 30X Optical Zoom Lens, SD card slot, WDR, Smart Analytics, Wiper and 100m IR support	1
ENC-HBU5Z-100R-24 (With 5 ~ 150 mm Lens, DC iris and 110V ~ 240V AC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 30X Optical Zoom Lens, SD card slot, WDR, Smart Analytics, Wiper and 100m IR support	
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ENC-HBU5Z-100R-24 (With 4.5 ~ 135 mm Lens, P iris and 110V ~ 240V AC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 30X Optical Zoom Lens, SD card slot, WDR, Smart Analytics, Wiper and 100m IR support	1

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ENB-BZUW68	Wall Mount Bracket for Norden Explosion Proof Bullet Camera	1
ENB-BZUH68	Corner Mount Bracket for Norden Explosion Proof Bullet Camera	1
ENB-BZUV68	Pole Mount Bracket for Norden Explosion Proof Bullet Camera	1
ENA-EXH010	1 Meter Explosion Proof Hose for Norden Explosion Proof Camera	1
ENA-EXH015	1.5 Meter Explosion Proof Hose for Norden Explosion Proof Camera	1
ENA-EXH020	2 Meter Explosion Proof Hose for Norden Explosion Proof Camera	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HBU5Z-100R-24	Carton Box	-	-