

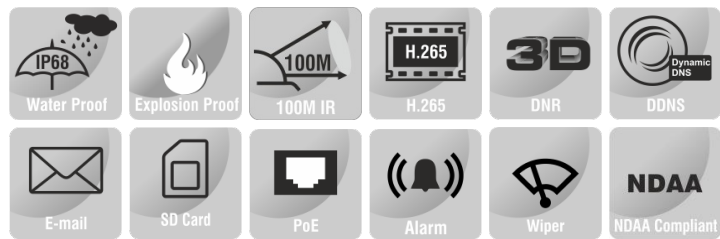
5MP EXPLOSION PROOF BULLET CAMERA



ENC-HBU8Z-100R-24

FEATURES

SS316L Stainless Steel Construction
4.5 ~ 135 mm Lens
30X Optical Zoom, 16X Digital Zoom
Smart IR up to 100 m
ONVIF Profile (S, G, T, M)
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



SPECIFICATION

MODEL	Model No.	ENC-HBU8Z-100R-24
	Type	5MP EXPLOSION PROOF BULLET CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 5.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Motorized Lens
	Focal Length	4.5 ~ 135 mm (Optional 4.3 ~ 129 mm)
	Focus	Auto / Semi Auto / Manual
	Iris Type	P Iris (Optional DC Auto Iris), Auto/ Manual
	Angle of View (H)	60.7 ° ~ 2.2 ° (Optional 63.0 ° ~ 2.3 °)
	Angle of View (V)	45.6 ° ~ 1.6 ° (Optional 78.7 ° ~ 1.7 °)
	Angle of View (D)	75.9 ° ~ 2.7 ° (Optional 73.0 ° ~ 2.8 °)
	Aperture Range	F1.6 ~ F4.3
	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	4.5 ~ 135 mm (Optional 4.3 ~ 129 mm)
	Detection	95.5 ~ 2700.0 m (Optional 92.0 ~ 2582.8 m)
	Observation	37.4 ~ 1088.8 m (Optional 36.5 ~ 1041.4 m)
	Recognition	18.0 ~ 540.0 m (Optional 17.3 ~ 516.5 m)
	Identification	8.0 ~ 270.0 m (Optional 7.5 ~ 258.2 m)
VIDEO	Max. Resolution	2592x1944
	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (2592x1944) @ 25/30fps, (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, Smoke and Fire 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, 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	AES 128/256 Encryption, IP Filter, User Authentication (Multiple Privilege Level), 802.1X Authentication (EAP-MD5), HTTPS Authentication, 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	1/1 (Customizable)
	Serial Interface	1xRS485
	Edge Storage	Micro SD card slot, up to 512 GB
	ANR	Supported
	Built-in Heater	Supported
	Wiper	Supported
	Max. User	32
Web Language	15	
Client Application	EyeGuard	

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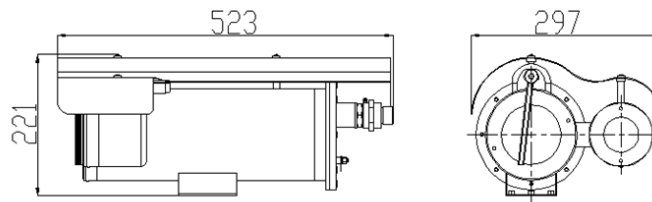
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GENERAL	Power Supply	110V ~ 240V AC, PoE+ (IEEE 802.3bat-Type 2) (Optional 24V DC, 48V DC, 24V AC)
	Max. Power Consumption	≤25W (with thermostat)
	Working Temperature	-40 °C ~ 70 °C
	Working Humidity	≤95% RH (non-condensing)
	Atmospheric Pressure	80 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-HBU8Z-100R-24 (With 4.5 ~ 135 mm Optical Zoom, P Iris and 110V ~ 240V AC)	5MP SS316L 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-HBU8Z-100R-24 (With 4.3 ~ 129 mm Optical Zoom, P Iris and 110V ~ 240V AC)	5MP SS316L 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-HBU8Z-100R-24	Carton Box	-	-