

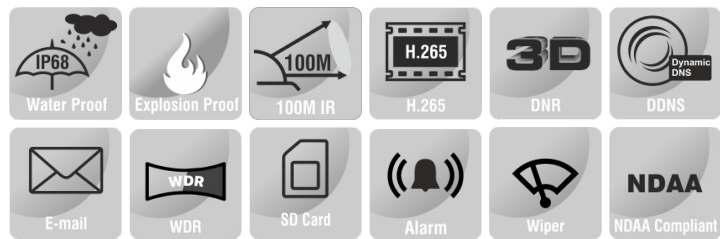
5MP EXPLOSION PROOF BULLET CAMERA



ENC-HBU8Z-100R-41

FEATURES

SS316L Stainless Steel Construction
30X Optical Zoom, 16X Digital Zoom
ONVIF Profile (S, G, T, M)
Built-In Fiber Port
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-41
	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 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) @ 25/30fps Fourth Stream: (640x480, 352x288, 320x240) @ 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	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
	Built-in Fiber Port	Supported
	ANR	Supported
	Built-in Heater	Supported
	Wiper	Supported
	Max. User	32
Web Language	15	
Client Application	EyeGuard	

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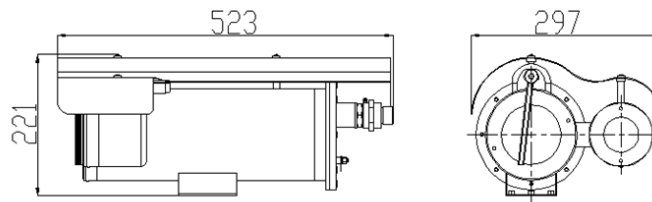
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GENERAL	Power Supply	110V ~ 240V AC (Optional 24V DC, 24V AC)
	Max. Power Consumption	≤30W (with thermostat)
	Working Temperature	-40 °C ~ 70 °C
	Working Humidity	≤95% RH (non-condensing)
	Atmospheric Pressure	80 kPa ~ 106 kPa
	Window Glass	Strong 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-HBU8Z-100R-41 (With 30X Optical Zoom (4.5 to 135mm) Lens, 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, Fiber Port and 100m IR Support	1
ENC-HBU8Z-100R-41 (With 30X Optical Zoom (4.3 to 129 mm) Lens, 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, Fiber Port 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-41	Carton Box	-	-

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