

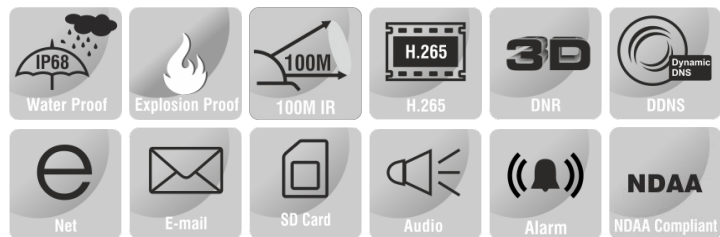
2MP EXPLOSION PROOF BULLET CAMERA



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)
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
PoE+, IP68



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
	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	

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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 ~ 209.5m)
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, SVC
	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
Audio I/O		1/1
Audio Bit Rate		64Kbps, 128Kbps
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, Telnet, 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) , SDK, CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Alarm I/O	2/2
	Serial Interface	1xRS485
	Edge Storage	SD card slot, up to 256 GB
	ANR	Supported
	Built-in Heater	Supported (Optional)
	Wiper	Supported
Max. User	32	
Client Application	EyeGuard	

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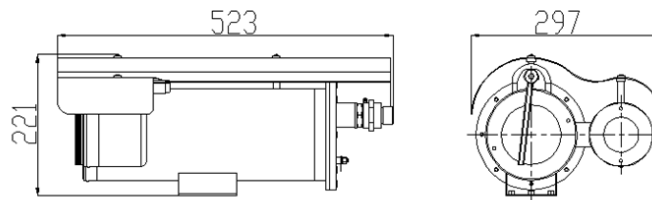
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	Type	2MP EXPLOSION PROOF BULLET CAMERA
GENERAL	Power Supply	AC 110V ~ 240V / 24V DC / 24V AC / PoE+ (802.3at-Type 2)
	Max Power Consumption	≤30W (with thermostat)
	Working Temperature	-40 °C ~ 70 °C
	Working Humidity	≤95% RH (non-condensing)
	Atmospheric 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	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 30X Optical Zoom Lens, PoE+, SD card slot, WDR, Smart Analytics, Wiper and 100m IR support	1
ENB-BZUW68	Wall Mount Bracket for Norden Explosion / Corrosion Proof Bullet Camera	1
ENB-BZUH68	Corner Mount Bracket for Norden Explosion / Corrosion Proof Bullet Camera	1
ENB-BZUV68	Pole Mount Bracket for Norden Explosion / Corrosion Proof Bullet Camera	1
ENA-EXH010	1 Meter Explosion / Corrosion Proof Hose for Norden Explosion / Corrosion Proof Camera	1
ENA-EXH015	1.5 Meter Explosion / Corrosion Proof Hose for Norden Explosion / Corrosion Proof Camera	1
ENA-EXH020	2 Meter Explosion / Corrosion Proof Hose for Norden Explosion / Corrosion Proof Camera	1

PACKING INFORMATION

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

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