

# 4MP EXPLOSION PROOF BULLET CAMERA



**ENC-HBU7Z-100R-24**

## FEATURES

316L Stainless Steel Construction

4.5 ~ 135 mm Lens

30X Optical Zoom, 16X Digital Zoom

ONVIF Profile (S, G, T)

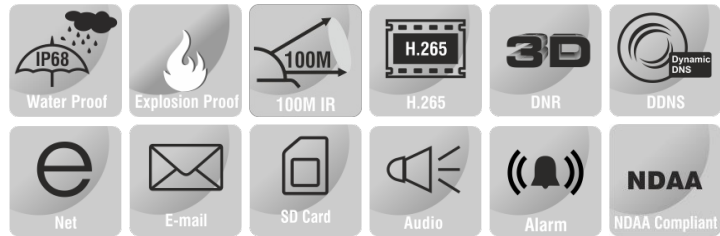
Quad Stream

Audio and Alarm Support

Wiper Support

IP68

ATEX/ IECEx/ CCoE (PESO) Certified



## SPECIFICATION

MODEL	Model No.	ENC-HBU7Z-100R-24
	Type	4MP EXPLOSION PROOF BULLET CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 4.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Motorized Lens
	Focal Length	4.5 ~ 135 mm (Optional 4.3 ~ 129mm) Lens
	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)	35.7° ~ 1.2° (Optional 37.0° ~ 1.3°)
	Angle of View (D)	70.4° ~ 2.5° (Optional 73.0° ~ 2.6°)
	Aperture Range	F1.6 ~ F4.3
	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 on
	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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## ENC-HBU7Z-100R-24

MODEL	Model No.	ENC-HBU7Z-100R-24
	Type	4MP EXPLOSION PROOF BULLET CAMERA
VIDEO	Max. Resolution	2592x1520
	Video Compression	H.265+, H.265, H.264, MJPEG
	Frame Rate	Main Stream: (2592x1520) @ 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, SVC
	Video Bit Rate	10 kbps ~ 16 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, Manual
	HLC	Supported
	BLC	Supported
	OSD	Total 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.711U, G.711A, RAW_PCM
	Audio I/O	1/1
	Audio Bit Rate	8 ~ 16 kbps
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, HTTP, FTP, SD Card & Alarm Out (Event Notification/ Recording/ Snapshot upload through E-mail, HTTP, FTP & SD Card)
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 V128 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) , SDK, CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Alarm Interface	1 Input / 1 Output
	Serial Interface	1xRS485
	CVBS Output	Supported
	Edge Storage	SD card slot, up to 256 GB
	ANR	Supported
	Built-in Heater	Supported (Optional)
	Wiper	Supported
	Max. User	32
	Client Application	EyeGuard
	GENERAL	Power Supply
Power Consumption		Max. ≤30W (with thermostat)
Working Temperature		-40 °C ~ 70 °C
Working Humidity		0-95% RH (non-condensing)
Atmospheric pressure		80 kPa ~ 106 kPa
Window glass		Strong tempered glass
Sun shade		Supported
Ingress Protection		IP68
Vandal Resistant		IK10(Housing)
Surge Protection		TVS4000V
Reset Button		Supported
Dimensions		523x297x221 mm
Net Weight		15.5 kg

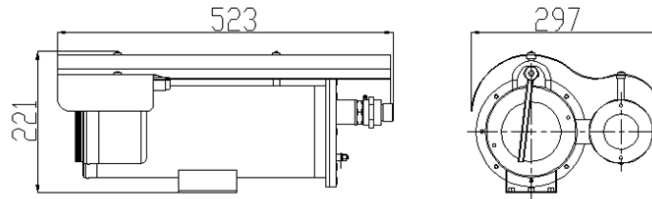
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**ENC-HBU7Z-100R-24**

MODEL	Model No.	ENC-HBU7Z-100R-24
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Dimension Unit : mm



## ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU7Z-100R-24	4MP SS316L 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 Eyenor Explosion / Corrosion Proof Bullet Camera	1
ENB-BZUH68	Corner Mount Bracket for Eyenor Explosion / Corrosion Proof Bullet Camera	1
ENB-BZUV68	Pole Mount Bracket for Eyenor Explosion / Corrosion Proof Bullet Camera	1
ENA-EXH010	1 Meter Explosion / Corrosion Proof Hose for Eyenor Explosion / Corrosion Proof Camera	1
ENA-EXH015	1.5 Meter Explosion / Corrosion Proof Hose for Eyenor Explosion / Corrosion Proof Camera	1
ENA-EXH020	2 Meter Explosion / Corrosion Proof Hose for Eyenor Explosion / Corrosion Proof Camera	1

## PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HBU7Z-100R-24	Carton Box	-	-