

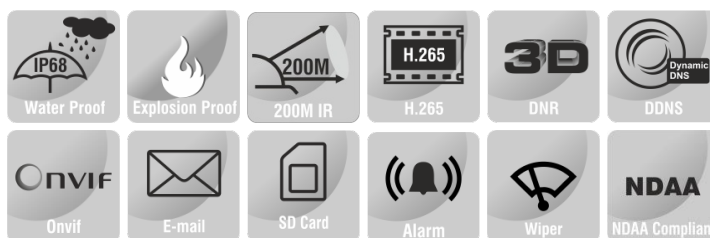
# 2MP EXPLOSION PROOF BULLET CAMERA



## ENC-HBU5Z-200R-24

### FEATURES

316L Stainless Steel Construction
7 ~ 280 mm Motorized Lens
40X (Optional 10X) Optical Zoom, 16X Digital Zoom
Smart IR upto 200 m
ONVIF Profile (S, G, T, M)
Audio and Alarm Support
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-200R-24
	Type	2MP EXPLOSION PROOF BULLET CAMERA
CAMERA	Image Sensor	1/1.8" CMOS Progressive 2.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Motorized Zoom Lens
	Focal Length	7 ~ 280 mm (Optional 5 ~ 50 mm)
	Focus	Auto / Semi Auto/ Manual
	Iris Type	P Iris (Optional DC Auto Iris), Auto/ Manual
	Angle of View (H)	54.3 ° ~ 1.5 ° (Optional 71.4 ° ~ 8.2 °)
	Angle of View (V)	30.7 ° ~ 0.8 ° (Optional 42.0 ° ~ 4.8 °)
	Angle of View (D)	62.4 ° ~ 1.7 ° (Optional 82.8 ° ~ 9.5 °)
	Aperture Range	F1.6 ~ F4.9
	Optical Zoom	40X (Optional 10X)
	Digital Zoom	16X
	Electronic Shutter	1s ~ 1/100,000s, Auto/Manual
	Min. Illumination	Color: 0.001 lux @ F1.5, B/W: 0.0005; 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 200 m	
Wavelength	850 nm	

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## ENC-HBU5Z-200R-24

MODEL	Model No.	ENC-HBU5Z-200R-24
	Type	2MP EXPLOSION PROOF BULLET CAMERA
DORI	Lens	7 ~ 280 mm (Optional 5 ~ 50 mm)
	Detection	77.1 ~ 2933.3 m (Optional 56.8 ~ 536.0 m)
	Observation	30.3 ~ 1196.0 m (Optional 21.7 ~ 216.0 m)
	Recognition	14.4 ~ 586.6 m (Optional 10.0 ~ 107.0 m)
	Identification	6.3 ~ 293.2 m (Optional 4.0 ~ 53.4 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: (704x576, 640x480, 352x288) @ 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 ~ 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	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 40 regions (each scene up to 8)
AUDIO	Audio Compression	G.711U, G.711A, 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	Loitering, Smoke Detection, 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/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, Unicast, Multicast, SNMP, ARP, TLS
	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 Profile (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 1 TB
	ANR	Supported
	Built-in Heater	Supported
	Wiper	Supported
	Max. User	32
Web Language	15	
Client Application	EyeGuard	

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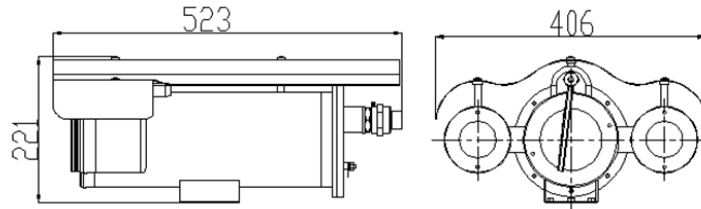
# 2MP EXPLOSION PROOF BULLET CAMERA



## ENC-HBU5Z-200R-24

MODEL		ENC-HBU5Z-200R-24
	Model No.	ENC-HBU5Z-200R-24
	Type	2MP EXPLOSION PROOF BULLET CAMERA
GENERAL	Power Supply	110V ~ 240V AC, PoE++ (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	523x406x221 mm
Net Weight	17.5 kg	

Dimension Unit : mm



### ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU5Z-200R-24 (With 7 to 280 mm Motorized Lens, P Iris and 110V ~ 240V AC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 40X Optical Zoom Lens, SD card slot, WDR, Smart Analytics Wiper and 200m IR support	1
ENC-HBU5Z-200R-24 (With 5 to 50 mm Motorized Lens, P Iris and 110V ~ 240V AC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 10X Optical Zoom Lens, SD card slot, WDR, Smart Analytics Wiper and 200m IR support	1
ENC-HBU5Z-200R-24 (With 7 to 280 mm Motorized Lens, DC Iris and 110V ~ 240V AC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 40X Optical Zoom Lens, SD card slot, WDR, Smart Analytics Wiper and 200m IR support	1
ENC-HBU5Z-200R-24 (With 5 to 50 mm Motorized Lens, DC Iris and 110V ~ 240V AC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 10X Optical Zoom Lens, SD card slot, WDR, Smart Analytics Wiper and 200m IR support	1
ENC-HBU5Z-200R-24 (With 7 to 280 mm Motorized Lens, P Iris and 48V DC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 40X Optical Zoom Lens, SD card slot, WDR, Smart Analytics Wiper and 200m IR support	1
ENC-HBU5Z-200R-24 (With 5 to 50 mm Motorized Lens, P Iris and 48V DC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 10X Optical Zoom Lens, SD card slot, WDR, Smart Analytics Wiper and 200m IR support	1
ENC-HBU5Z-200R-24 (With 7 to 280 mm Motorized Lens, DC Iris and 110V ~ 240V AC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 40X Optical Zoom Lens, SD card slot, WDR, Smart Analytics Wiper and 200m IR support	1
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ENC-HBU5Z-200R-24 (With 7 to 280 mm Motorized Lens, P Iris and 24V DC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 40X Optical Zoom Lens, SD card slot, WDR, Smart Analytics Wiper and 200m IR support	1

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## ENC-HBU5Z-200R-24

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ENC-HBU5Z-200R-24 (With 5 to 50 mm Motorized Lens, DC Iris and 24V AC)	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 10X Optical Zoom Lens, SD card slot, WDR, Smart Analytics Wiper and 200m IR support	1
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-200R-24	Carton Box	-	-