

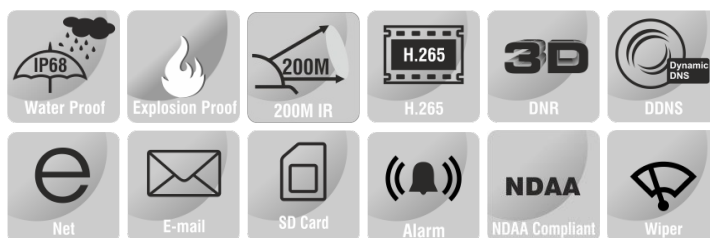
2MP EXPLOSION PROOF BULLET CAMERA



ENC-HBU5Z-200R-24

FEATURES

- 316L Stainless Steel Construction
- 40X Optical Zoom, 16X Digital Zoom
- ONVIF Profile (S, G, T)
- 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	6 ~ 240 mm (Optional 5 ~ 50 mm)
	Focus	Auto / Semi Auto/ Manual
	Iris Type	P Iris (Optional DC Auto Iris), Auto/ Manual
	Angle of View (H)	47.4 ° ~ 1.3 ° (Optional 71.4 ° ~ 8.2 °)
	Angle of View (V)	27.8 ° ~ 0.7 ° (Optional 42.0 ° ~ 4.8 °)
	Angle of View (D)	54.9 ° ~ 1.4 ° (Optional 82.8 ° ~ 9.5 °)
	Aperture Range	F1.5 ~ F4.2
	Optical Zoom	40X
	Digital Zoom	16X
	Electronic Shutter	1s~ 1/100,000s, Auto/Manual
	Min. Illumination	Color: 0.001 lux @ F1.5, B/W: 0.0001; 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	

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DORI	Lens	6 ~ 240 mm (Optional 5 ~ 50 mm)
	Detection	66.8 ~ 2588.0 m (Optional 56.8 ~ 536 m)
	Observation	26.2 ~ 1043.7 m (Optional 21.7 ~ 216 m)
	Recognition	12.3 ~ 517.6 m (Optional 10.0 ~ 107.0 m)
	Identification	5.2 ~ 259.0 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: (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
	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, 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
Audio Bit Rate		64Kbps, 128Kbps
Audio I/O		1/1
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire), Double crossline (Double Tripwire)
	Intelligent Identification	Loitering, Abandoned Object (Object Left), Missing Object (Object Lost)
	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	TLS 128 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), SDK / CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Alarm I/O	1/1
	Serial Interface	1xRS485
	Edge Storage	SD card slot, up to 512 GB
	ANR	Supported
	Built-in Heater	Supported (Optional)
	Wiper	Supported
Max. User	32	
Client Application	EyeGuard	

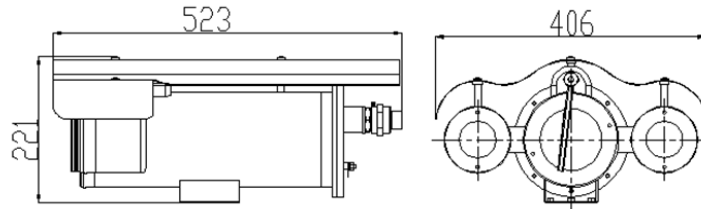
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MODEL		ENC-HBU5Z-200R-24
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Type		2MP EXPLOSION PROOF BULLET CAMERA
GENERAL	Power Supply	AC 110V ~ 240V / 24V DC / 24V AC / PoE+ (802.3at-Type 2)
	Max. Power Consumption	≤30W (with thermostat)
	Working 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	523x406x221 mm
Net Weight	17.5 kg	

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU5Z-200R-24	2MP SS316L 60FPS Explosion Proof IR IP H.265 Bullet camera with 40X Optical Zoom Lens, PoE+, SD card slot, WDR, Smart Analytics Wiper and 200m 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-200R-24	Carton Box	-	-

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►NORDEN® | 2MP EXPLOSION PROOF BULLET CAMERA - GB. - Version: 3.5

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