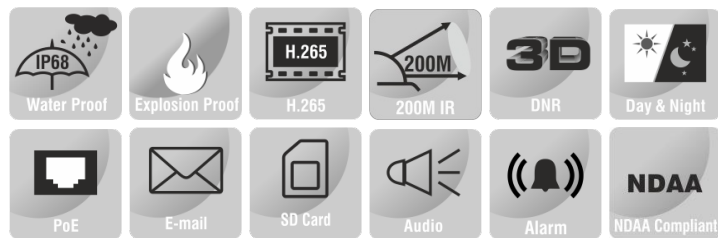


2MP EXPLOSION PROOF BULLET CAMERA

ENC-HBU5M-200R-24

FEATURES

Starlight Illumination
316L Stainless Steel Construction
2.7~13.5 mm (Optional 5 ~ 50 mm) Motorized Lens
Smart IR up to 200 m
ONVIF Profile (S, G, T)
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-HBU5M-200R-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
	Focal Length	2.7~13.5 mm (Optional 5 ~ 50 mm)
	Focus	Auto / Manual
	Iris	DC Auto Iris
	Lens Mount	Ø14
	Angle of View (H)	102.8° ~ 31.3° (Optional 55.6° ~ 6.0°)
	Angle of View (V)	57.3° ~ 17.6° (Optional 32.7° ~ 3.5°)
	Angle of View (D)	117.6° ~ 35.9° (Optional 64.5° ~ 6.9°)
	Angle Adjustment	Bracket; Pan: 0~360°, Tilt: 0~75°, Rotate: 0~360°
	Aperture Range	F1.6 ~ F3.3
	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	3D DNR	
S/N Ratio	≥60 dB	
Defog	Smart Defog	
WDR	120 dB	
Smart IR	Up to 200 m	
Wavelength	850 nm	

2MP EXPLOSION PROOF BULLET CAMERA

ENC-HBU5M-200R-24

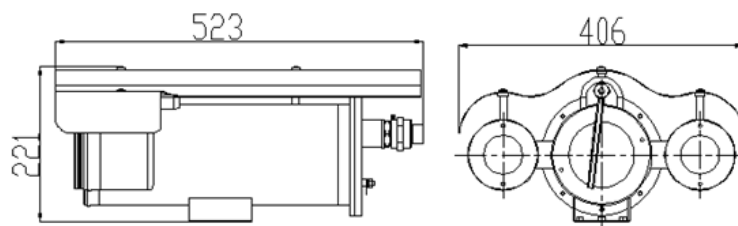
MODEL	Model No.	ENC-HBU5M-200R-24
	Type	2MP EXPLOSION PROOF BULLET CAMERA
DORI	Lens	2.7 ~ 13.5 mm (Optional 5 ~ 50 mm)
	Detection	38.5 ~ 165.5 m (Optional 75.2 ~ 733.0 m)
	Observation	15.0 ~ 65.5 m (Optional 30.0 ~ 295.3 m)
	Recognition	7.5 ~ 33.0 m (Optional 14.1 ~ 146.4 m)
	Identification	3.5 ~ 16.5m (Optional 6.2 ~ 73.2 m)
VIDEO	Max. Resolution	1920x1080
	Video Compression	Enhanced (H.265,H.264), H.265, H.264, MJPEG
	Frame Rate	(2.7 ~ 13.5 mm) Main Stream: (1920x1080, 1280x720, 704x480, 640x480) @ 30fps,(1920x1080, 1280x720, 704x576, 640x480) @ 25fps, Sub Stream: (704x480, 704x240, 640x360, 352x240) @ 30fps, (704x576, 704x288, 640x360, 352x288) @ 25fps Third Stream: (704x480, 704x240, 352x240) @ 30fps, (704x576, 704x288, 352x288) @ 25fps
		(Optional 5 ~ 50 mm) Main Stream: (1920x1080, 1280x720, 704x576) @ 50/60fps Second Stream: (704x576, 640x480, 640x360, 352x288, 320x240) @ 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 (1~30FPS), SVC
	EIS	Supported
	Video Bit Rate	32 kbps ~ 8 Mbps
	Bitrate Type	CBR, VBR
	Image Settings	Brightness, Contrast, Saturation, Hue, Sharpness, Rotation/Mirror, Gain, Exposure, Day/Night
	White Balance	Auto, Semi Auto, Sunshine, Daylight, Warm Light, Filament, Nature Light, Lock WB, Manual
	Corridor Mode	Supported
	HLC	Supported
	BLC	Supported
	OSD	Up to 8 regions
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes (16x16, 32x32, 48x48, 64x64), Image overlay
	ROI	Up to 8 regions
	Privacy Mask	Up to 8 regions
Heatmap	Supported	
AUDIO	Audio Compression	G.711A, G.711U, ADPCM_D, AAC_LC
	Audio Bit Rate	8 Kbps, 32Kbps, 48Kbps
	Audio I/O	1/1
	Audio Voltage	Audio input, level 5V, input impedance 1500 ohms Audio output, level 3V, output impedance 100 ohms
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Loitering, Running, Abandoned Object (Object Left), Missing Object (Object Lost), Parking
	Statistical Analysis	Face Detection (Capture), People Counting, Crowd Detection, On Duty Detection, Helmet Detection, Human & Vehicle Classification, Abnormal Video & Audio Detection
	Alarm Management	Motion Detection, Tampering (Masking), Input & Output Event, IP & MAC Address Conflict, Disk Alarm (Full & RW Error), FTP Server Exception, Abnormal Voltage, Pre/Post Alarm Recording, Alarm Recording/Snapshot
	Alarm Notification	E-mail (Notification & Snapshot), HTTP (Alarm icon), FTP (Snapshot & Recording), SD Card (Recording)

2MP EXPLOSION PROOF BULLET CAMERA

ENC-HBU5M-200R-24

MODEL		ENC-HBU5M-200R-24
Type		2MP EXPLOSION PROOF BULLET CAMERA
Protocols		TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, NFS, DHCP, DNS, DDNS, RTP, RTSP, RTCP, RTMP, PPPoE, NTP, UPnP, SMTP (SSL/TLS), IGMP, 802.1X, QoS (DSCP), Unicast, Multicast, ARP, SNMP, SSL, Telnet, SFTP (SSH), P2P
Security		AES Video Encryption, IP Filter, User Authentication (Multiple Privilege Level), 802.1X Authentication (EAP-MD5), HTTPS Authentication, Digest Authentication, User Access Log
Compatibility		ONVIF Profile (S, G, T), SDK/API/CGI
Network		1 x RJ45 10M/100M Self Adaptive Ethernet Port
Wi-Fi		N/A
Alarm I/O		2/1
Alarm Voltage		Input (switch type) , Output (3.3V-12V, 10 ohm)
RS485		Supported
USB		N/A
Edge Storage		Micro SD card slot, up to 512 GB
ANR		Supported
Built-in Heater		Supported(Optional)
Wiper		Supported
Cable Interface		Pig Tail
Remote Connection		≤7
Client Application		EyeConnect
Web Language		16
INTERFACE		
Power Supply		110V ~ 240V AC / 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
Surge Protection		TVS4000V
Ingress Protection		IP68
Reset Button		Supported
Dimensions		523x406x221 mm
Net Weight		17.5 kg
GENERAL		

Dimension Unit : mm



2MP EXPLOSION PROOF BULLET CAMERA

ENC-HBU5M-200R-24

ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU5M-200R-24	2MP SS316L Explosion Proof IR IP H.265 Bullet Camera with 2.7 to 13.5 mm (Optional 5 to 50 mm) Motorized 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-HBU5M-200R-24	Carton Box	-	-