

5MP EXPLOSION PROOF BULLET CAMERA



ENC-HBU8M-100R-25

FEATURES

Starlight Illumination
316L Stainless Steel Construction
2.7 ~ 13.5 mm Motorized Lens
Smart IR up to 100 m
ONVIF Profile (S, G, T, M)
Triple Stream
Audio and Alarm 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-HBU8M-100R-25
	Type	5MP EXPLOSION PROOF BULLET CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 5.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Motorized
	Focal Length	2.7 ~ 13.5 mm
	Focus	Auto / Manual
	Iris Type	Fixed Auto Iris / DC Auto Iris*
	Angle of View (H)	98.3° ~ 32.2°
	Angle of View (V)	54.9° ~ 18.2°
	Angle of View (D)	125.6° ~ 37.0°
	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	2D & 3D DNR, Auto / Manual
	S/N Ratio	≥60 dB
Defog	Smart Defog	
WDR	120 dB	
Smart IR	Up to 100 m	
Wavelength	850 nm	

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DORI	Lens	2.7 ~ 13.5 mm
	Detection	56.0 ~ 240.0 m
	Observation	22.0 ~ 95.0 m
	Recognition	11.0 ~ 48.0 m
	Identification	5.6 ~ 24.0 m
VIDEO	Max. Resolution	2592x1944
	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (2592x1944 ,2592x1520) @ 25/30fps, (1920x1080, 1280x720) @ 50/60fps Sub Stream: (1920x1080, 1280x720, 704x576) @ 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 ~ 12 Mbps
	Bitrate Type	CBR, VBR
	Image Settings	Brightness, Contrast, Saturation, Hue, Sharpness, Rotation/Mirror, Gain, Exposure, Day/Night
	White Balance	Auto, Daylight, 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, 96x96), Image overlay
	ROI	Up to 8 regions
Privacy Mask	Up to 4 regions	
AUDIO	Audio Compression	G.711A, G.711U, ADPCM_D, AAC_LC
	Audio Bit Rate	64 Kbps, 128 Kbps
	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, 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 Notification	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, SFTP, SNMP, SSL/TLS1.2, SRTP**
	Security	AES 128/256 Encryption, IP Filter, User Authentication (Multiple Privilege Level), 802.1X Authentication (EAP-MD5 & EAP-TLS), HTTPS Authentication, RTSP Authentication, Digest Authentication, User Access Log , AES 128/256 SD Card Encryption**
	Compatibility	ONVIF Profile (S, G, T, M), SDK/API/CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Alarm I/O	2/1 (Customizable)
	Serial Interface	1xRS485
	Edge Storage	Micro SD Card Slot, up to 512 GB
	ANR	Supported
	Built-in Heater	Supported
Web Language	15	

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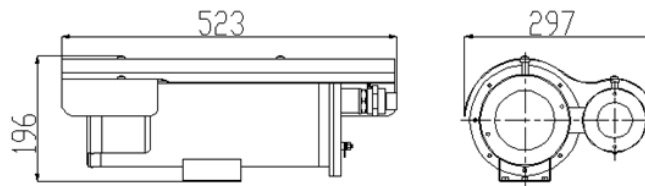
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ENC-HBU8M-100R-25

MODEL		ENC-HBU8M-100R-25
Type		5MP EXPLOSION PROOF BULLET CAMERA
GENERAL	Power Supply	110V ~ 240V AC (Optional 24V DC, 24V AC), PoE+ (802.3at-Type 2)
	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	523x297x196 mm
	Net Weight	14.5 kg

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU8M-100R-25 (with 2.7 to 13.5mm Motorized Lens and 110V ~ 240V AC)	5MP SS316L Explosion Proof IR IP H.265 Bullet camera with 2.7 to 13.5mm Motorized Lens, PoE+, SD card slot, WDR, Smart Analytics and 100m IR support	1
ENC-HBU8M-100R-25 (with 2.7 to 13.5mm Motorized Lens and 24V DC)	5MP SS316L Explosion Proof IR IP H.265 Bullet camera with 2.7 to 13.5mm Motorized Lens, PoE+, SD card slot, WDR, Smart Analytics and 100m IR support	1
ENC-HBU8M-100R-25 (with 2.7 to 13.5mm Motorized Lens and 24V AC)	5MP SS316L Explosion Proof IR IP H.265 Bullet camera with 2.7 to 13.5mm Motorized Lens, PoE+, SD card slot, WDR, Smart Analytics and 100m 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-HBU8M-100R-25	Carton Box	-	-

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