

# 2MP EXPLOSION PROOF BULLET CAMERA



## ENC-HCB5M-80R-25

### FEATURES

316L Stainless Steel Construction

2.7 ~ 13.5 mm Motorized Lens

ONVIF Profile (S, G, T)

Triple Stream

Audio and Alarm Support

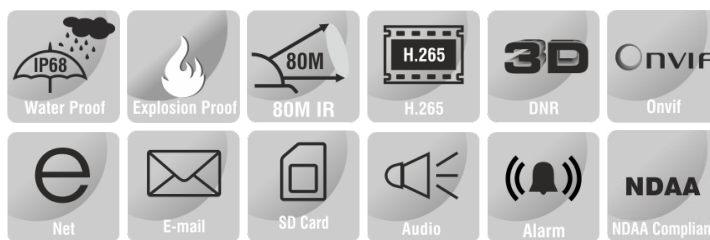
ATEX/ IECEx/ CCoE (PESO) Certified

Applicable for GAS Zone 1, Zone 2, Class IIA, IIB, IIC

Applicable for Temperature Classes T1-T6

Applicable for Dust Zone 21, 22

IP66, IP68 (2m/2h), IP69



### SPECIFICATION

MODEL	Model No.	ENC-HCB5M-80R-25
	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 Lens
	Focus	Auto / Manual
	Iris Type	DC Auto Iris
	Lens Mount	Φ14
	Angle of view (H)	102.8° ~ 31.3°
	Angle of View (V)	57.3° ~ 17.6°
	Angle of View (D)	117.6° ~ 35.9°
	Aperture	F1.6 ~ F3.3
	Digital Zoom	16x
	Shutter	1s - 1/100,000s
	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 80 m	
Wavelength	850 nm	

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	Type	2MP EXPLOSION PROOF BULLET CAMERA
<b>DORI</b>	Lens	2.7 ~ 13.5 mm
	Detection	38.5 ~ 165.5m
	Observation	15.0 ~ 65.5m
	Recognition	7.5 ~ 33.0m
	Identification	3.5 ~ 16.5m
<b>VIDEO</b>	Max. Resolution	1920x1080
	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	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
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate (1~30FPS), EIS, SVC
	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	
<b>AUDIO</b>	Audio Compression	G.711A, G.711U, ADPCM_D, AAC_LC
	Audio I/O	1/1
	Audio Bit Rate	8Kbps, 32Kbps, 48Kbps
<b>SMART</b>	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 & R/W Error), FTP Server Exception, Abnormal Voltage, Pre/Post Alarm Recording, Alarm Recording/Snapshot
Alarm Notifications	E-mail (Notification & Snapshot), HTTP (Alarm icon), FTP (Snapshot & Recording), SD Card (Recording)	
<b>INTERFACE</b>	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 128 bit 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
	Alarm I/O	2/1
	Serial Interface	1xRS485
	Edge Storage	SD card slot, up to 512 GB
	ANR	Supported
	Built-in Heater	Supported(Optional)
	Max. User	32
Client Application	EyeConnect	

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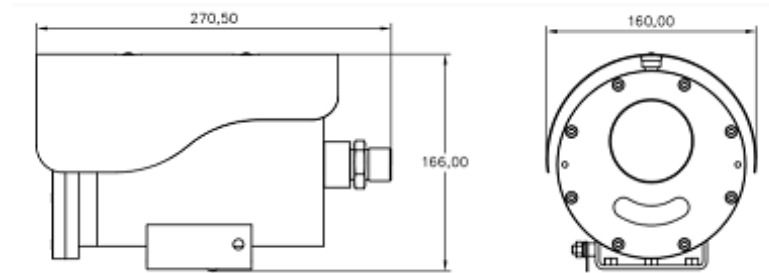
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## ENC-HCB5M-80R-25

MODEL		ENC-HCB5M-80R-25
Type		2MP EXPLOSION PROOF BULLET CAMERA
GENERAL	Power Supply	DC 12V, PoE (IEEE 802.3af)
	Max. Power Consumption	≤7W
	Working Temperature	-40°C ~ 65°C
	Working Humidity	≤95% RH (non-condensing)
	Atmospheric pressure	80 kPa ~ 110 kPa
	Window glass	Strong tempered glass
	Ingress Protection	IP66, IP68 (2m/2h), IP69
	Surge Protection	TVS4000V
	Reset Button	Supported
	Dimensions	270.5x166x160 mm
Net Weight	5.6 kg	

Dimension Unit : mm



### ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HCB5M-80R-25	2MP SS316L Explosion Proof IR IP H.265 Compact Bullet Camera with 2.7 to 13.5mm Motorized Lens, PoE, SD Card Slot, WDR, Smart Analytics, and 80m 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 / 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-HCB5M-80R-25	Carton Box	-	-