

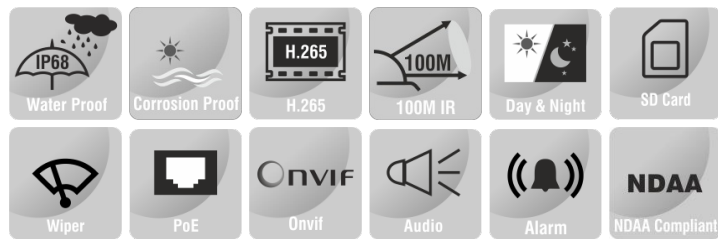
2MP CORROSION PROOF BULLET CAMERA



ENC-HBU5Z-100R-29

FEATURES

- 316L Stainless Steel Construction
- 30X Optical Zoom
- Smart IR up to 100 m
- ONVIF Profile (S, G, T, M)
- Quad Stream
- Audio and Alarm Support
- Wiper Support
- IP68, PoE+



SPECIFICATION

MODEL		Model No.	ENC-HBU5Z-100R-29
		Type	2MP CORROSION 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 Lens
	Focal Length		4.5 ~ 135 mm (Optional 4.3 ~ 129 mm)
	Focus		Auto / Semi Auto / Manual
	Iris		P Iris (Optional DC Auto Iris), Auto/ Manual
	Angle of View (H)		60.0° ~ 2.5° (Optional 63.0° ~ 2.3°)
	Angle of View (V)		33.8° ~ 1.4° (Optional 35.5° ~ 1.2°)
	Angle of View (D)		69.0° ~ 2.9° (Optional 72.3° ~ 2.5°)
	Aperture Range		F1.6 ~ F4.3
	Optical Zoom		30X
	Digital Zoom		16X
	Electronic Shutter		1s ~ 1/100,000s, Auto/Manual
	Min. Illumination		Color: 0.001 lux @ F1.6, B/W: 0.007 lux @ F1.6, 0 lux with IR on
	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 100 m	
Wavelength		850 nm	

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DORI	Lens	4.5 ~ 135 mm (Optional 4.3 ~ 129 mm)
	Detection	69.8 ~ 2094.8 m (Optional 65.3 ~ 1912.7 m)
	Observation	27.9 ~ 837.9 m (Optional 25.1 ~ 771.1 m)
	Recognition	14.0 ~ 419.0 m (Optional 11.8 ~ 382.4 m)
	Identification	7.0 ~ 209.5 m (Optional 4.9 ~ 191.2 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) @ 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, Sharpness, Day/Night (Color, Mono, Auto), Flip/Mirror/Rotation, Multiple Scene & Profile
	White Balance	Auto, Day/ Night, Tungsten, 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, Image overlay
	ROI	Up to 8 regions
Privacy Mask	Up to 4 regions	
AUDIO	Audio Compression	G.711A, G.711U, RAW_PCM
	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	Abandoned object (Object Left), Missing Object (Object Lost), Loitering, Multi Loitering, Smoke Detection, Flame 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 and Snapshot), HTTP (Alarm Icon), FTP (Snapshot and 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, SNMP, SSL/TLS1.2
	Security	AES 128/256 Video Encryption, IP Filter, User Authentication (Multiple Privilege Level), 802.1X Authentication (EAP-MD5), HTTPS Authentication, RTSP Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF (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
	Optical Fiber Connector	Supported (Optional)
	Edge Storage	Micro SD Card Slot, up to 512 GB
	ANR	Supported
	Built-in Heater	Supported
	Built-in Fan	Supported
	Wiper	Supported
	Cable Interface	Pig Tail
	Remote Connection	10
	Web Language	15
Max User	32	
Client Application	EyeGuard	

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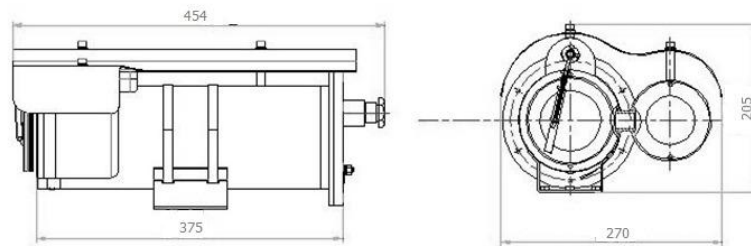
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GENERAL	Power Supply	110V ~ 240V AC (Optional PoE+, 24V DC, 24V AC)
	Power Consumption	≤25W
	Working Temperature	-40 °C ~ 70 °C
	Working Humidity	≤95% RH
	Atmospheric Pressure	80 kPa ~ 106 kPa
	Window Glass	Strong Tempered Glass
	Surge Protection	TVS6000V
	Ingress Protection	IP68
	Vandal Resistant	IK10 (Housing)
	Corrosion Resistant	Sprayed with Oxygen, Hydrogen Sulphide, Carbon Dioxide and Nitrogen
	Reset Button	Supported
	Dimensions	454x270x205 mm
Net Weight	13.5 kg	

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU5Z-100R-29 (With SS316L and 4.5 ~ 135 mm Lens, P Iris, with OFC and 110 ~ 240V AC)	2MP 60FPS SS316L Corrosion Proof IR IP H.265 Bullet Camera with 30X Optical Zoom Lens, PoE, SD Card Slot, WDR, Smart Analytics, Wiper, SFP and 100m IR Support	1
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ENB-BZUW68	Wall Mount Bracket for Norden Corrosion Proof Bullet Camera	1
ENB-BZUH68	Corner Mount Bracket for Norden Corrosion Proof Bullet Camera	1
ENB-BZUV68	Pole Mount Bracket for Norden Corrosion Proof Bullet Camera	1
ENA-EXH010	1 Meter Corrosion Proof Hose for Norden Corrosion Proof Camera	1
ENA-EXH015	1.5 Meter Corrosion Proof Hose for Norden Corrosion Proof Camera	1
ENA-EXH020	2 Meter Corrosion Proof Hose for Norden Corrosion Proof Camera	1

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PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HBU5Z-100R-29	Carton Box	-	-