

8MP FIXED BULLET CAMERA



ENC-HBUAF-50R-86

FEATURES

2.8 mm (Optional 4 mm) Fixed Lens
Smart IR up to 50 m
ONVIF Profile (S, G, T)
Built-in Mic
Built-in Speaker
PoE, IP67



SPECIFICATION

MODEL	Model No.	ENC-HBUAF-50R-86
	Type	8MP FIXED BULLET CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 8.0 Mega Pixel
	Day / Night	Dual IR Cut Filter with Auto Switch
	Lens Type	Fixed
	Focal Length	2.8 mm (Optional 4 mm)
	Focus	Fixed
	Iris Type	Fixed Iris
	Digital Zoom	16x
	Lens Mount	M12
	Angle of View (H)	105.3° (Optional 87.8°)
	Angle of View (V)	56.9° (Optional 45.1°)
	Angle of View (D)	119.7° (Optional 98.7°)
	Angle Adjustment	Bracket; Pan: 0~360°, Tilt: 0~90°, Rotate: 0~360°
	Aperture Range	F1.6
	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 50 m	
IR LEDs	2	
Warm Light Distance	Up to 15 m	
Warm Light LEDs	2	
Wavelength	850 nm	

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DORI	Lens	2.8 mm (Optional 4 mm)
	Detection	77.0 m (Optional 110.0 m)
	Observation	30.5 m (Optional 43.5 m)
	Recognition	15.5 m (Optional 22.0 m)
	Identification	7.5 m (Optional 11.0 m)
VIDEO	Max. Resolution	3840x2160
	Video Compression	Enhanced (H.265, H.264), H.265, H.264
	Frame Rate	Main Stream: (3840x2160, 3072x2048) @ 20fps, (2560x1440, 2304x1296, 1920x1080, 1280x720) @25/30fps Sub Stream: (704x480, 704x240, 640x360, 352x240) @ 30fps, (704x576, 704x288, 640x360, 352x288) @ 25fps Third Stream: (704x480, 704x240, 640x480, 352x240) @ 30fps, (704x576, 704x288, 640x480, 352x288) @ 25fps
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate
	Video Bit Rate	32 kbps ~ 16 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 5 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
	Heatmap	N/A
AUDIO	Audio Compression	G.711A, G.711U, ADPCM_D, AAC_LC
	Audio Bit Rate	8 kbps, 32 kbps, 48 kbps
	Audio I/O	1/1
	Built-in Mic	Supported with noise cancellation
	Built-in Speaker	Supported
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire)
	Intelligent Identification	N/A
	Statistical Analysis	Human & Vehicle Classification, Abnormal Video & Audio Detection
	Alarm Management	Motion Detection, Tampering (Masking), IP Address Conflict, FTP Server Exception, Pre/Post Alarm Recording, Alarm Recording/Snapshot, Alarm Sound/Warm Light
	Alarm Notification	E-mail (Notification and Snapshot), HTTP (Alarm Icon), FTP (Snapshot and Recording), SD Card (Recording)
Early Warning (EW)	Supported	
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, RTCP, RTSP, RTMP, FTP, PPPoE, NTP, UPnP, IGMP, Unicast, Multicast, SNMP, SMTP, SRTP, SFTP, ARP, SSL, QoS, 802.1X
	Security	AES 128 Video Encryption, IP Filter, User Authentication (Multiple Privilege Level)
	Compatibility	ONVIF Profile (S, G, T), SDK/CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Alarm I/O	1/1
	Edge Storage	Micro SD Card Slot, Up to 512 GB
	ANR	Supported
	Cable Interface	Pig Tail
	Remote Connection	≤7
	Max. Users	32
Web Language	15	
Client Application	EyeConnect	

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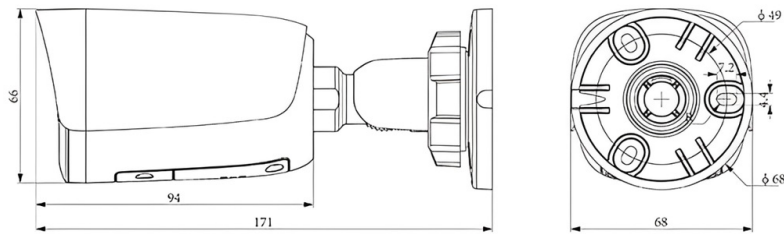
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MODEL		ENC-HBUAF-50R-86
Type		8MP FIXED BULLET CAMERA
GENERAL	Power Supply	12V DC, PoE (802.3af)
	Max. Power Consumption	≤7 W (12V), ≤8.5 W (PoE)
	Working Temperature	-40 °C ~ 65 °C
	Working Humidity	≤95% RH
	Ingress Protection	IP67
	Vandal Resistant	IK10 (Housing)
	Surge Protection	TVS4000V
	Reset Button	Supported
	Dimensions	171×68×66 mm
	Net Weight	0.52 kg

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBUAF-50R-86 (With 2.8 mm Fixed Lens)	8MP Lowlight IR IP H.265 Early Warning Bullet Camera with 2.8 mm Fixed Lens, PoE, WDR, SD Card Slot, Built-in Mic, Built-in Speaker, 50 m IR and 15 m Warm Light Support	1
ENC-HBUAF-50R-86 (With 4 mm Fixed Lens)	8MP Lowlight IR IP H.265 Early Warning Bullet Camera with 4 mm Fixed Lens, PoE, WDR, SD Card Slot, Built-in Mic, Built-in Speaker, 50 m IR and 15 m Warm Light Support	1
ENB-BTEJ67	Junction Box for Norden Fixed Lens Mini Bullet Camera	1
ENB-BTUV66	Pole Mount Bracket for Norden Bullet Camera	1
ENB-BTUH66	Outer Corner Bracket for Norden Bullet Camera	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HBUAF-50R-86	Carton Box	0.73	195x95x105