

5MP FIXED BULLET CAMERA



ENC-HBU8F-50R-86

FEATURES

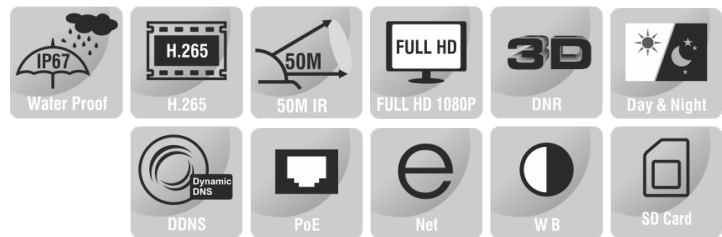
2.8 mm (4mm Optional) Fixed Lens

Smart IR up to 50 m

ONVIF Profile (S, G, T)

Built-in Mic

PoE, IP67



SPECIFICATION

MODEL	Model No.	ENC-HBU8F-50R-86
	Type	5MP FIXED BULLET CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 5.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Fixed
	Focal Length	2.8 mm (4mm Optional)
	Digital Zoom	16
	Focus	Fixed
	Iris	Fixed
	Lens Mount	M12
	Angle of View (H)	104.2° (2.8mm) 88.7° (4mm)
	Angle of View (V)	58.8° (2.8mm) 46.8° (4mm)
	Angle Adjustment	Bracket; Pan: 0~360°, Tilt: 0~90°, Rotate: 0~360°
	Aperture	F1.6
	Shutter	1s to 1/100,000s, Auto / Manual
	Min. Illumination	Color: 0.002 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	120dB	
Smart IR	50m	
Wavelength	850 nm	
White LEDs	2	
Illumination Distance	Up to 20 m	

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MODEL	Model No.	ENC-HBU8F-50R-86
VIDEO	Type	5MP FIXED BULLET CAMERA
	Max. Resolution	2880x1620
	Video Compression	H.265+, H.265, H.264
	Frame Rate	Main Stream: (2880x1620, 2688x1520, 2560x1440, 2304x1296) @ 25/30fps, (1920x1080, 1280x720) @ 50/60fps Sub Stream: (704x480, 704x240, 640x360, 352x240) @ 30fps, (704x576, 704x288, 640x360, 352x288) @ 25fps Third Stream: (1280x720, 704x480, 704x240, 640x360, 352x240) @ 30fps, (1280x720, 704x576, 704x288, 640x360, 352x288) @ 25fps
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate (1~30fps), SVC
	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	N/A
	HLC	Supported
	BLC	Supported
	OSD	Total 3 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 ~ 48 kbps
	Audio I/O	1/1
	Built-in Mic	Supported with noise cancellation
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire)
	Intelligent Identification	N/A
	Statistical Analysis	Human & Vehicle Detection
	Alarm Management	Motion Detection, Tampering (Masking), IP Address Conflict
	Alarm Notification	HTTP, SD Card & Alarm Out (Event Notification/ Recording/ Snapshot upload through HTTP, & SD Card)
	Early Warning (EW)	Support Multi Levels with 20+ Voice Message Warning
	Laser Pointer	Supported
Flash Light Warning	Support 3 Light	
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, RTCP, PPPoE, NTP, UPnP, IGMP, 802.1X, QoS, Unicast, Multicast, SNMP, SSH, ARP, SSL
	Security	AES 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
	Wi-Fi	N/A
	Alarm Interface	1 input / 1 Output
	USB	N/A
	Edge Storage	Micro SD card slot, up to 512 GB
	ANR	Supported
	Built-in Speaker	Supported
	Built-in Heater	N/A
	Cable Interface	Pig Tail
	Max. User Access	32
Client Application	EyeConnect	
Web Language	16	

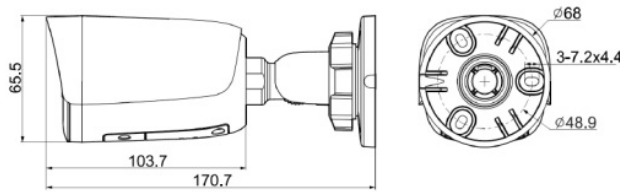
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MODEL	Model No.	ENC-HBU8F-50R-86
	Type	5MP FIXED BULLET CAMERA
GENERAL	Power Supply	DC 12V, PoE (802.3af)
	Max. Power Consumption	7 W (12V), 8 W (PoE)
	Working Temperature	-40 °C ~ 65 °C
	Working Humidity	0~95% RH
	Ingress Protection	IP67
	Vandal Resistant	IK10 (Housing)
	Surge Protection	TVS4000V
	Reset Button	Supported
	Dimensions	170.7×68×68mm
	Net Weight	0.52kg

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU8F-50R-86	5MP Lowlight IR IP H.265 Early Warning Bullet Camera with 2.8mm(4mm Optional) Fixed Lens, PoE, WDR, SD Card Slot, Built-in Mic, 50m IR and 20m Warm Light Support	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HBU8F-50R-86	Carton Box	-	-