

8MP FIXED BULLET CAMERA



ENV-HCBAF-30R-91

FEATURES

4 mm Fixed Lens
30 m Smart IR (upgradable to 50 m)
ONVIF Profile (S, G, T,M)
Triple Stream
Built-in Mic
PoE, IP67



SPECIFICATION

MODEL	Model No.	ENV-HCBAF-30R-91
	Type	8MP FIXED BULLET CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 8.0 MegaPixel
	Day / Night	Dual IR Cut Filter with Auto Switch
	Lens Type	Fixed
	Focal Length	4 mm
	Focus	Fixed
	Iris	Fixed
	Lens Mount	M12
	Angle of View (H)	86.6°
	Angle of View (V)	45.6°
	Angle of View (D)	97.8°
	Angle Adjustment	Bracket; Pan: 0~360°, Tilt: 0~75°, Rotate: 0~360°
	Aperture	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	≥60dB
Defog	Smart Defog	
WDR	120 dB	
Smart IR	30 m (upgradable to 50 m)	
Wavelength	850 nm	
White LEDs	N/A	

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DORI	Lens	4 mm
	Detection	110.0 m
	Observation	43.5 m
	Recognition	22.0 m
	Identification	11 m
VIDEO	Max. Resolution	3840x2160
	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (3840x2160, 3072x2048) @ 20fps, (2560x1440, 2304x1296, 1920x1080, 1280x720) @ 30fps, (2560x1440, 2304x1296, 1920x1080, 1280x720) @ 25fps Sub Stream: (704x480, 704x240, 640x360, 352x240) @ 30fps, (704x576, 704x288, 640x360, 352x288) @ 25fps Third Stream: (704x480, 704x240, 640x480, 352x240) @ 30fps, (704x576, 704x288, 640x360, 352x288) @ 25fps
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate, 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	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
	Audio Bit Rate	8 kbps, 32 kbps, 48 kbps
	Audio I/O	N/A
	Audio Voltage	N/A
	Built-in Mic	Supported with noise cancellation
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire)
	Intelligent Identification	N/A
	Statistical Analysis	N/A
	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
INTERFACE	Alarm Notification	E-mail (Notification and Snapshot), HTTP (Alarm Icon), FTP (Snapshot and Recording), SD Card (Recording)
	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 Video Encryption, IP Filter, User Authentication (Multiple Privilege Level)
	Compatibility	ONVIF Profile (S, G, T, M), SDK/API/CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Wi-Fi	N/A
	Alarm I/O	N/A
	Alarm Voltage	N/A
	Serial Interface	N/A
	USB	N/A
	Edge Storage	Micro SD card slot, up to 512 GB
	ANR	Supported
	Built-in Speaker	N/A
	Built-in Heater	N/A
	Cable Interface	Pig Tail
	Max. User Access	32
Remote Connection	≤2	
Client Application	EyeConnect	
Web Language	16	

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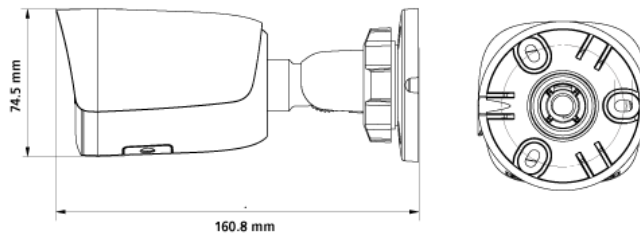
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	Type	8MP FIXED BULLET CAMERA
GENERAL	Power Supply	12V DC, PoE (IEEE 802.3af)
	Max. Power Consumption	≤7 W (12V DC), ≤8 W (PoE)
	Working Temperature	-40 °C ~ 65 °C
	Working Humidity	≤95% RH (non-condensing)
	Ingress Protection	IP67
	Vandal Resistant	IK10 (Housing)
	Surge Protection	TVS4000V
	Reset Button	Supported
	Dimensions	160.8x68x74.5 mm
	Net Weight	0.48 kg

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENV-HCBAF-30R-91	8MP Low Light IR IP H.265 Bullet Camera with 4mm Fixed Lens, PoE, WDR, SD Card Slot, Built-in Mic and 30m IR support	1
ENB-BTDH66	Outer Corner Bracket for Norden Dome Camera	1
ENB-BTEJ67	Junction Box for Norden Fixed Lens Turret Camera and Fixed Lens Mini Bullet Camera	1
ENB-BTDV66	Pole Mount Bracket for Norden Dome Camera	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENV-HCBAF-30R-91	Carton Box	0.65	210x92x110

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