

5MP MOTORIZED RADAR BULLET CAMERA



ENC-HBU8M-80R-76

FEATURES

- Vehicle Speed and Direction Detection
- Advanced AI-Powered LPR Algorithm
- Monitoring Up to 4 Lanes
- Smart IR up to 80 m
- ONVIF Profile (S, G, T, M)
- Audio and Alarm Support
- PoE+, IP67



SPECIFICATION

MODEL	Model No.	ENC-HBU8M-80R-76
	Type	5MP MOTORIZED RADAR BULLET CAMERA
CAMERA	Image Sensor	1/2.8 CMOS Progressive 5.0 MegaPixel
	Day / Night Mode	Day / Night/ Schedule/ Customize/ Auto
	Lens Type	Motorized
	Focal Length	5 ~ 60 mm
	Optical Zoom	12x
	Focus	Auto / Manual
	Iris	Auto
	Lens Mount	Φ14
	Angle of View (H)	55.6° ~ 5.0°
	Angle of View (V)	32.7° ~ 2.8°
	Angle of View (D)	64.5° ~ 5.7°
	Aperture	F1.6 ~ F2.8
	Electronic Shutter	1s ~ 1/100,000s, Auto / Manual
	Min. Illumination	Color: 0.005 lux @ F1.6, B/W: 0 lux with IR
	AGC	Auto / Manual
Digital Noise Reduction	2D/3D DNR	
S/N Ratio	≥55 dB	
Defog	Smart Defog	
WDR	120 dB	
Smart IR	Up to 80 m	

★Product specification and availability are subject to change without notice.

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	Type	5MP MOTORIZED RADAR BULLET CAMERA
VIDEO	Max. Resolution	2592x1944
	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (1920x1080, 1280x960, 1280x720) @50/60fps, (2048x1536) @45fps, (2592x1944, 2592x1520) @25/30fps Sub Stream: (704x576, 640x480, 640x360, 352x288, 320x240) @ 25/30fps Third Stream: (1920x1080, 1280x720, 704x576, 640x480, 640x360, 352x288, 320x240) @ 25/30fps
	Stream Settings	PAL/NTSC, Frame Rate
	Video Bit Rate	16 Kbps ~ 16 Mbps
	Bitrate Type	CBR, VBR
	Image Settings	Brightness, Contrast, Saturation, Sharpness
	White Balance	Auto, Sunshine, Warm Light, Incandescent Lamp, Fluorescent Lamp, Nature Light, Manual
	Corridor Mode	Supported
	HLC	Supported
	BLC	Supported
	OSD	Supported
	OSD Type	Title, Time, Text with Different Color & Font
	Watermark	Supported
AUDIO	Image Restoration	Supported
	ROI	Up to 8 regions
	Privacy Mask	Up to 8 regions (Mask areas or Mosaic areas)
	Audio Compression	G.711A, G.711U, AAC, G.722, G.726
AUDIO	Audio Bit Rate	16 kbps ~ 256 kbps
	Audio I/O	1/1
SMART	Two-way Audio	Supported
	Road Traffic Control	Counting Vehicles based on Vehicles, Lane Management, Evidence Camera Linkage
	Max. Vehicle Speed	120 km/h
	Accuracy	95%
	Coverage	Support detection of 4 regions simultaneously
	Identification	Vehicle Brand, Type & Color, Number Plate Color, No License Plate Vehicle Capture, Speed & Direction Detection of Vehicle, Traffic Flow Monitoring
	White / Black List	Supported (up to 20,000 records in the camera)
	Smart Search	LPR Smart Search
	Alarm Management	Motion Detection, IP Conflict, Attributes Event, White/Black List, External Input, Audio Alarm, Network Disconnection
	Alarm Notifications	FTP & SMTP Upload, HTTP Notification, White LED, SIP Phone, SD Card Record, External Output
RADAR	Monitoring Range	1 ~ 4 Lanes
	Tracking Target	Up to 32
	Working Frequency	60 GHz
	Accuracy	>99% (Traffic Jam > 95%)
	Installation Height	2 ~ 7 m
	Speed Detection Range	±5 km/h ~ ±200 km/h
	Speed Detection Accuracy	±0.36 km/h
	Detection Distance	Up to 90 m
INTERFACE	Detection Distance Accuracy	±0.4 m
	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, RTMP, PPPoE, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, ARP, SNMP, SSL, SIP, VLAN, Bonjour
	Compatibility	ONVIF Profile (S, G, T, M), API
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Alarm I/O	1/1
	SIP/VoIP	Voice & Video-over-IP
	Edge Storage	Built-in MicroSD card slot, up to 1TB
	ANR	Supported
Cable Interface	Pig Tail	

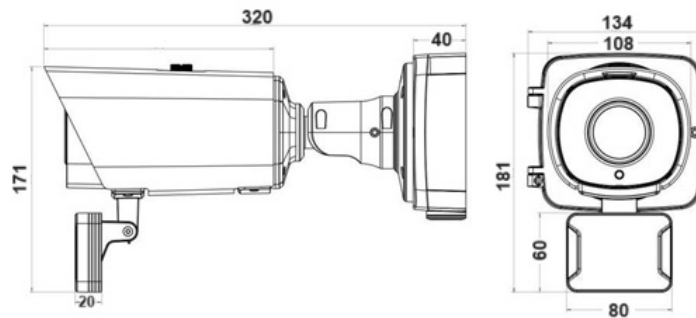
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MODEL		ENC-HBU8M-80R-76
Type		5MP MOTORIZED RADAR BULLET CAMERA
GENERAL	Power Supply	12V DC / PoE+ (IEEE 802.3at)
	Max. Power Consumption	≤15 W (IR ON), ≤9W (IR OFF)
	Working Temperature	-40 °C ~ 60 °C
	Working Humidity	≤90% RH (non-condensing)
	Ingress Protection	IP67
	Surge Protection	TVS4000V
	Reset Button	Supported
	Dimensions	320x134x171 mm
Net Weight	1.6 kg	

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU8M-80R-76	5MP IR IP H.265 Bullet Camera with 5~60mm Motorized Lens, Speed Detection, PoE+, WDR, SD Card Slot, and 80m IR Support	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HBU8M-80R-76	Carton Box	-	-