

IP THERMAL BULLET CAMERA



ENC-HBU5M-80R-35

FEATURES

400x300 Uncooled VOx Micro Bolometer Detector

Sensitivity ≤ 40 mK

8/15/25/35/50 mm Fixed Lens Optional

Areas / Spot / Line Temperature Measurement Rule Support

17 Color Patterns Support

IP67



SPECIFICATION

MODEL	Model No.	ENC-HBU5M-80R-35															
	Type	IP Thermal Bullet Camera															
THERMAL CAMERA	Detector Type	Uncooled VOx Focal Plane Arrays															
	Effective Pixels	400x300 and Image can be scaled up to 704x576															
	Pixel Size	17um															
	Thermal Sensitivity (NETD)	≤ 40 mK															
	Spectral Range	8~14um															
	Image Setting	Brightness, Sharpness, Contrast, 2D/3D DNR, Mirror / Flip, FFC															
	Color Palettes	White & Black Hot, Ironbow, Rainbow etc. up to 17 modes															
	Iris	Auto Fixed IRIS															
THERMAL LENS	Lens	Fixed															
	Digital Zoom	16x															
	Focus Control	Auto Focus															
	Focal Length	8/15/25/35/50 mm															
	F No.	1.0															
	Angle of View	8mm	15mm	25mm	35mm	50mm											
		46°(H), 35.3°(V)	25.5°(H), 19.2°(V)	15.4°(H), 11.6°(V)	11°(H), 9°(V)	7.7°(H), 5.8°(V)											
	Thermal imaging	Object	Human(1.8mx0.5m)					Vehicle(4mx1.5m)					Fire(1mx1m)				
		Lens (mm)	8	15	25	35	50	8	15	25	35	50	8	15	25	35	50
		Detection (m)	235	441	735	1029	1471	722	1353	2255	3137	4510	235	441	735	1029	1471
Recognition (m)		59	110	184	257	368	180	338	564	789	1127	78	147	245	343	490	
Identification (m)		29	55	92	129	184	90	169	282	395	564	39	74	123	172	245	
VISIBLE LENS	Image Sensor	1/2.8" CMOS															
	Max.Resolution	1920 x1080															
	Focal Length	5 ~ 50mm															
	Focus Control	Auto / Manual															
	Shutter Speed	1s ~ 1/100,000s, Auto Manual															
	Min. Illumination	Color: 0.1 lux @ F1.2, B/W: 0.01 lux															
	AGC	Auto / Manual															
	Angle of View(H)	50.85° ~ 7.67°															
	Angle of View(V)	27.78° ~ 4.36°															
	Angle of View(D)	57.9° ~ 8.8°															
	Digital Zoom	16x															
	Max.Aperture	F 2.0															
	Digital Noise Reduction	2D / 3D DNR, Auto / Manual															
	S/N Ratio	≥ 60 dB															
	WDR	120dB															
Smart IR	Up to 80m (Upgradable to 100m)																



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MODEL	Model No.	ENC-HBU5M-80R-35
	Type	IP Thermal Bullet Camera
VIDEO	Video Compression	H.265+, H.265, H.264, MJPEG
	Frame Rate	Main Stream: Thermal: (704×576) @25/30fps; Visible: (1920×1080, 1280×720) @25/30fps Sub Stream: Thermal: (352×288) @25/30fps; Visible: (704×576, 640×480, 640×360, 352×288, 320×240) @25/30fps
	Bit Rate Control	CBR, VBR
	Bit Rate	Thermal : 10Kbps ~ 6Mbps, Visible : 100Kbps ~ 12Mbps
	DVE Image Enhance	Supported
	BLC	Supported
	HLC	Supported
	OSD	Supported
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes (Small / Medium / Big), Image overlay
	ROI	Up to 8 regions
	Privacy Masking	Up to 4 regions
AUDIO	Audio Compression	G.711A, G.711U, RAW_PCM
	Audio Bitrate	8 kbps ~ 16kbps
	Two Way Audio	Supported
	Audio I/O	1/1
TEMPERATURE	Detection Mode	Spot, Line, Area
	Alarm	Over / Difference Alarm
	Accuracy	±2°C / ±2%
	Response Time	≤30ms
	Temperature measurement range	-20°C ~ 150°C
SMART	Display Mode	Temperature target >5°C, Display absolute temperature value; Temperature target ≤ 5°C, Display relative temperature value (Temperature difference DEV = highest value - average)
	Behaviour Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Loitering, Region Entry / Exit Detection, Smoke Detection, Flame Detection, Flame Point Detection, Smoker Detection
	Statistical Analysis	People Counting, Wrong Way Detection, Human and Vehicle Detection, Temperature Detection
	Alarm Management	Motion Detection, Tampering Alarm, Disk Full Alarm, Temperature Alarm, Input / Output Alarm, Network Alarm
INTERFACE	Alarm Notification	E-mail, HTTP, FTP, & Alarm Out (Event Notification/ Recording/ Snapshot upload through E-mail, HTTP, FTP)
	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP, SNTP, IGMP V2/V3, 802.1x, QoS, Unicast, Multicast, SNMP, ARP, SSL / TLS 1.2
	Security	AES Video Encryption, IP Filter, User Authentication (Multiple Privilege Level), HTTPS Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF (Profile S, G, T), CGI/SDK
	Network	1x RJ45 10M/100M Self Adaptive Ethernet Port
	Serial Interface	1xRS485
	Edge Storage	SD card slot, up to 256 GB
	Alarm I/O	2/2
	Heater	Supported
	Fan	Supported
	Max.User	10
Client Application	EyeGuard	

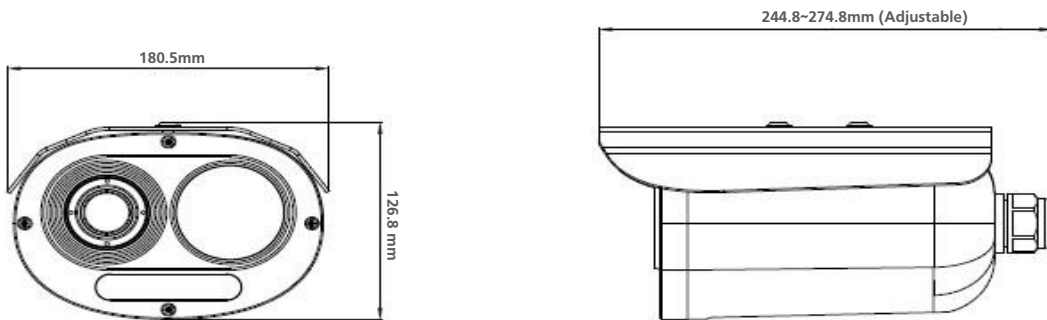
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ENC-HBU5M-80R-35

MODEL	Model No.	ENC-HBU5M-100R-35
	Type	IP Thermal Bullet Camera
GENERAL	Power Supply	DC12V / AC24V, PoE
	Max. Power consumption	24W
	Working Temperature	-40 °C ~ 60 °C
	Working Humidity	≤95% RH
	Ingress Protection	IP67
	Vandal Resistant	IK10 (Housing)
	Surge Protection	TVS4000V
	Reset Button	Supported
	Dimensions	(244.8 ~ 274.8)×180.5×126.8 mm
	Weight	2.5Kg

Dimension Unit: mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU5M-80R-35	2MP IP Dual Sensor Temperature Detection Thermal Bullet Camera with 400x300 Thermal Resolution, 8/15/25/35/50 mm Fixed Thermal lens, 5 to 50mm Motorized Visible lens, PoE+, and 80m (Upgradable to 100m) IR Support	1
ENB-BCUW66	Wall Mount Bracket for Eyenor Bullet Camera	1
ENB-BCUC66	Ceiling Bracket for Eyenor Bullet Camera	1

PACKING INFORMATION

Part Number	Packing Mode	Gross Weight (kg)	Dimension (mm)
ENC-HBU5M-80R-35	Carton Box	-	-

