

# 4MP THERMAL BULLET CAMERA



## ENC-HBU7F-55R-35

### FEATURES

256×192 Uncooled VOx Micro Bolometer detector
Sensitivity $\leq 50$ mK
7mm Fixed Lens
Area / Spot / Line Temperature Measurement Rule Support
17 Color Control Support
PoE, IP67



### SPECIFICATION

MODEL	ENC-HBU7F-55R-35				
THERMAL CAMERA	Model No.	ENC-HBU7F-55R-35			
	Type	4MP THERMAL BULLET CAMERA			
	Detector Type	Uncooled VOx Micro Bolometer			
	Effective Pixels	256×192 and Image can be scaled up to 704x576			
	Pixel Size	12 $\mu$ m			
	Thermal Sensitivity	$\leq 50$ mK			
	Spectral Range	8 ~ 14 $\mu$ m			
	Image Settings	Brightness, Sharpness, Contrast, Mirror, FFC, 3D DNR			
Color Palattes	White-Hot / Black-Hot / Rainbow / Ironbow etc. up to 17 modes				
Iris	Fixed IRIS				
THERMAL LENS	Lens Type	Fixed			
	Focus	Auto Focus			
	Focal Length	7mm			
	Aperture	F1.0			
	Angle of View	24.0°(H), 18.0°(V)			
	Thermal imaging	Object	Human(1.8mx0.5m)	Vehicle(4mx1.5m)	Fire(1mx1m)
		Lens	7mm	7mm	7mm
		Detection	291m	894m	29m
		Recognition	73m	224m	292m
		Identification	25m	81m	39m
VISIBLE LENS	Image Sensor	1/2.7" CMOS			
	Max. Resolution	2880×1620			
	Focal Length	8 mm			
	Focus Control	Fixed			
	Shutter Speed	1s ~ 1/100,000s			
	Min. Illumination	Color: 0.001 lux @ F1.2, B/W: 0.003 lux, 0 lux with IR			
	AGC	Auto / Manual			
	Angle of View(H)	40.0°			
	Angle of View(V)	20.0°			
	Digital Zoom	16x			
	Max. Aperture	F1.2			
	Digital Noise Reduction	2D / 3D DNR, Auto / Manual			
	S/N Ratio	$\geq 55$ dB			
WDR	120 dB				
Smart IR	Up to 55 m				
Flash Light	Supported				



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## ENC-HBU7F-55R-35

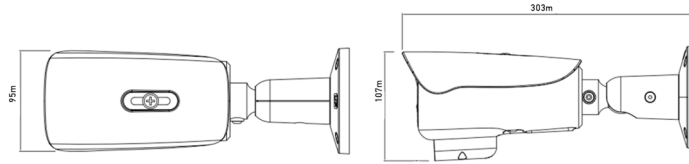
<b>MODEL</b>	Model No.	<b>ENC-HBU7F-55R-35</b>
	Type	4MP THERMAL BULLET CAMERA
<b>VIDEO</b>	Video Compression	H.265+, H.265, H.264, MJPEG
	Frame Rate	Main Stream: Thermal: D1 (704x576) @ 25/30fps; Visible: (2880x1620, 2560x1440, 2304x1296, 1920x1080, 1280x720) @ 25/30fps Sub Stream: (CIF, 256x192) @ 25/30fps; Visible: (D1, VGA, 640x360, CIF, QVGA) @ 25/30fps
	Bitrate Type	CBR, VBR
	Video Bit Rate	Thermal: 10Kbps ~ 3Mbps Visible: 10Kbps ~ 12Mbps
	DVE Image Enhance	Supported
	BLC	Supported
	Defog	Supported
	OSD	Total 6 regions
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes (Small / Medium / Big), Image overlay
	ROI	Up to 8 regions
	Privacy Mask	Up to 5 regions
<b>AUDIO</b>	Audio Compression	G.711A, G.711U, RAW_PCM
	Audio Bitrate	8 kbps ~ 16kbps
	Audio I/O	1/1
<b>TEMPERATURE</b>	Detection Mode	Area, Spot, Line
	Alarm	Over / Difference Temperature Alarm
	Accuracy	±2°C / ±2%
	Response Time	≤30ms
	Measurement Range	-20°C ~ 150°C -20°C ~ 550°C ,Customizable
	Display Mode	Temperature target >5°C, Display absolute temperature value; Temperature target ≤5°C, Display relative temperature value (Temperature difference DEV = highest value - average)
<b>SMART</b>	Behaviour Detection	Thermal/Visible: Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Thermal: Loitering, Entry / Exit Area Detection, Fire point and smoker detection Visible: Loitering, Entry / Exit Area Detection, Fire point and smoker detection
	Statistical Analysis	Thermal: People Counting, Wrong Way Detection, Human & Vehicle Detection Visible: People Counting, Wrong Way Detection, Human & Vehicle Detection
	Alarm Management	Motion Detection, Disk Full Alarm, Temperature Alarm, Input / Output Alarm, Network Alarm, White Light Flashing and horn warning
	Alarm Notification	E-mail, HTTP, FTP, SD card & Alarm Out (Event Notification/ Recording/ Snapshot upload through E-mail, HTTP, FTP & SD card)
<b>INTERFACE</b>	Protocols	TCP/IP, UDP, IPv4, IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP (SSL/TLS), IGMP, 802.1x, QoS, Unicast, SNMP, ARP
	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 Interface	2 Input / 2 Output
	Built-in Speaker	Supported
	Max User	32
	Client Application	EyeGuard
<b>GENERAL</b>	Power Supply	DC12V, PoE (IEEE 802.3af)
	Max. Power consumption	12 W
	Working Temperature	-40 °C ~ 60 °C
	Working Humidity	95% RH
	Casing	Metal
	Ingress Protection	IP67
	Vandal Resistant	IK10 (Housing)
	Dimensions	303x95x107 mm
Weight	1.35 Kg	

# 4MP THERMAL BULLET CAMERA



ENC-HBU7F-55R-35

Dimension Unit : mm



## ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU7F-55R-35	4MP IP Dual Sensor Temperature Detection Thermal Bullet Camera with 256*192 Thermal Resolution, 7mm thermal lens , PoE and SD Card Slot Support	1
ENB-BCUJ66	Junction Box for Eyenor Bullet Camera	1
ENB-BCUV67	Pole Mount Bracket for Eyenor Bullet / Box Camera	1

## PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HBU7F-55R-35	Carton Box	-	-

