

# 4MP THERMAL DOME CAMERA



**ENC-HCD7F-35R-35**

## FEATURES

256x192 Uncooled VOx Micro Bolometer detector
Sensitivity $\leq 50$ mK
3.5 mm Thermal Fixed Lens
Area / Spot / Line Temperature Measurement Rule Support
17 Color Control Support
PoE, IP66



## SPECIFICATION

MODEL	Model No.	<b>ENC-HCD7F-35R-35</b>			
	Type	4MP THERMAL DOME CAMERA			
THERMAL CAMERA	Detector Type	Uncooled VOx Micro Bolometer			
	Effective Pixels	256x192 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			
THERMAL LENS	Iris	Fixed IRIS			
	Lens Type	Fixed			
	Focus	Auto			
	Focal Length	3.5 mm			
	Aperture	F1.0			
	Angle of view	48.0°(H), 36.0°(V)			
	Thermal Imaging	Object	Human (1.8m x 0.5m)	Vehicle (4m x 1.5m)	Fire (1m x 1m)
VISIBLE LENS	Detection	133m	409m	133m	
	Recognition	33m	102m	44m	
	Identification	17m	51m	22m	
	Image Sensor	1/2.7" CMOS			
	Max. Resolution	2560x1440			
	Focal Length	4 mm Lens			
	Focus Control	Fixed Lens			
	Shutter Speed	1s ~ 1/100,000s			
	Min. Illumination	Color: 0.001 lux @ F1.2, B/W: 0.0003 lux, 0 lux with IR			
	AGC	Auto / Manual			
	Angle of View(H)	92.0°			
	Angle of View(V)	46.0°			
	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 35 m				
Flash Light	Supported				

# 4MP THERMAL DOME CAMERA



## ENC-HCD7F-35R-35

MODEL	<b>Model No.</b>	<b>ENC-HCD7F-35R-35</b>
VIDEO	Type	4MP THERMAL DOME CAMERA
	Video Compression	H.265+, H.265, H.264, MJPEG
	Frame Rate	Main Stream: Thermal: (704x576) @ 25/30fps; Visible: (2560x1440, 2304x1296, 1920x1080, 1280x720) @ 25/30fps Sub Stream: Thermal: CIF @ 25/30fps; Visible: D1, VGA @ 25/30fps
	Bitrate Type	CBR, VBR
	Video Bit Rate	Thermal: 100Kbps ~ 3Mbps Visible: 100Kbps ~ 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
AUDIO	Audio Compression	G.711A / G.711U, RAW_PCM
	Audio Bitrate	8 kbps ~ 16kbps
	Audio I/O	1/1
	Built-in Mic	Supported
TEMPERATURE	Detection Mode	Area, Spot, Line
	Alarm	Over / Difference Temperature Alarm
	Accuracy	±2°C / ±2%
	Response Time	≤30ms
	Measurement Range	-20°C ~ 150°C
	Display Mode	Temperature target > 5°C, Display absolute temperature value; Temperature target ≤ 5°C, Display relative temperature value (Temperature difference DEV = highest value - average)
SMART	Behaviour Detection	Thermal/Visible: Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Thermal - Loitering, Entry / Exit Area Detection, Fire Point and Smoke Detection Visible - Loitering, Entry / Exit Area Detection, Flame and Smoke Detection
	Statistical Analysis	Thermal: People Counting, Wrong Way Detection, Human & Vehicle Detection, White Light Flashing and Horn Warning Visible: People Counting, Wrong Way Detection, Human & Vehicle Detection, White Light Flashing and Horn Warning
	Alarm Management	Motion Detection, Disk Full Alarm, Temperature Alarm, Input / Output Alarm, Network Alarm
	Alarm Notification	E-mail, HTTP, FTP, SD Card & Alarm Out (Event Notification / Recording / Snapshot upload through E-mail, HTTP, FTP, & SD Card)
INTERFACE	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	1 Input / 1 Output
	Built-in Speaker	Supported
	Max User	32
	Client Application	EyeGuard
GENERAL	Power Supply	12V DC, PoE (IEEE 802.3af)
	Max. Power consumption	10 W
	Working Temperature	-40 °C ~ 60 °C
	Working Humidity	95% RH
	Ingress Protection	IP66
	Reset Button	Supported
	Dimensions	φ140 × 117.8 mm
Weight	1.03 Kg	

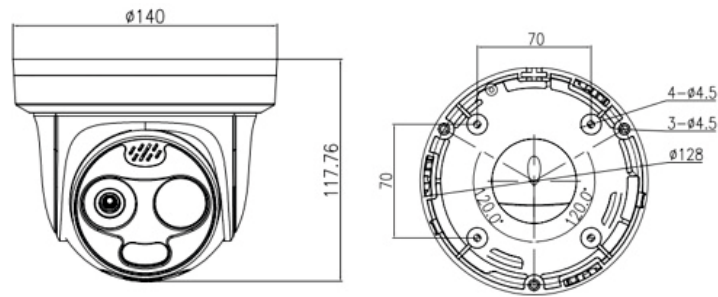
# 4MP THERMAL DOME CAMERA



## ENC-HCD7F-35R-35

MODEL	Model No.	ENC-HCD7F-35R-35
	Type	4MP THERMAL DOME CAMERA

Dimension Unit : mm



### ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HCD7F-35R-35	4MP IP Dual Sensor Temperature Detection Thermal Compact Dome Camera with 256x192 Thermal Resolution , PoE and SD Card Slot Support	1
ENB-BCDJ62	Junction Box for Eyenor Dome Camera	1
ENB-BCDP66	Pendent Mount for Eyenor Dome Camera	1
ENB-BCDW66	Wall Mount Bracket for Eyenor Dome / Mini PTZ Camera	1
ENB-BCDU66	Pole Mount Bracket for Eyenor Dome / Mini PTZ Camera	1
ENB-BCPH65	Corner Mount Bracket for Dome / Mini PTZ Camera	1

### PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HCD7F-35R-35	Carton Box	-	-