



EPC-ED8080R

5MP IR Motorized Dome

Features

- 1/2.7" progressive scan CMOS
- Max. 5MP(2880×1620) @25/30fps resolution
- 2.7 to 13.5 mm motorized varifocal lens
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection and capture
- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way, illegal parking, smart motion detection and people counting
- Built-in microphone, 1/1 audio in/out, 1/1 alarm in/out
- Built-in SD card slot, up to 1TB Micro SD card
- Smart IR distance up to 40m
- IP66, IK10 protection

Technical Specification

Image Sensor	1/2.7" Progressive Scan CMOS				
Max. Resolution	5MP (2880×1620)				
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s				
Min. illumination	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR				
Day & Night	IR cut filter				
Angle Adjustment	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°				
Lens Type	Motorized focal				
Iris	Fixed Iris				
Focal Length	2.7 to 13.5 mm				
F Number	F1.6				
Angle of View	H: 102.3° to 33.1°, V: 54.3° to 18.5°				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	Wide	80 m (262.5 ft)	32 m (105.0 ft)	16 m (52.5 ft)	8 m (26.2 ft)
	Tele	208 m (682.4 ft)	83.2 m (273.0 ft)	41.6 m (136.5 ft)	20.8 m (68.2 ft)

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Technical Specification

Illuminator Type	IR
Illumination Distance	Up to 40 m (131.2 ft)
Illumination On/Off Control	Auto/Manual
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2880×1620, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200kbps to 12Mbps Stream2: 100kbps to 6Mbps Stream3: 100kbps to 3Mbps
Region of Interest	Off/On (8 areas, Rectangle)
Smart Encode	Support
Bit Rate	64Kbps (G.711), 128Kps (RAW_PCM)
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Aisle Mode	Support
Mirror	Support
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Smart IR	Support
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, WDR
Wide Dynamic Range	True WDR
Compression	G.711 A-law, G.711 μ -law, RAM PCM

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Technical Specification

Privacy Masking	4 areas
Multi-Object Detection	Supports face, human, vehicle detection and capture.
Intelligent Analytics	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection. Support alarm triggering by specified target types (human and vehicle)
People Counting	Support
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Abnormal sound detection
Alarm Events	Alarm record, Alarm output, FTP upload, SMTP upload
Protocols	IPv4/IPv6, RTSP/ RTCP/RTP, TCP/UDP, HTTPS, DHCP, DNS, DDNS, PPPoE, UPnP, ICMP IGMP, FTP, NTP, SMTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
User/Host Level	Up to 10 users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, encrypted HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Built-in Microphone	Support
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 1ch Output
Reset Button	Support
SD Card Slot	Built-in, up to 1TB
Power Supply	DC12V (-15% to +25%)/PoE (IEEE 802.3af)
Power Consumption	2.5W (IR OFF), Max 6W (IR ON)

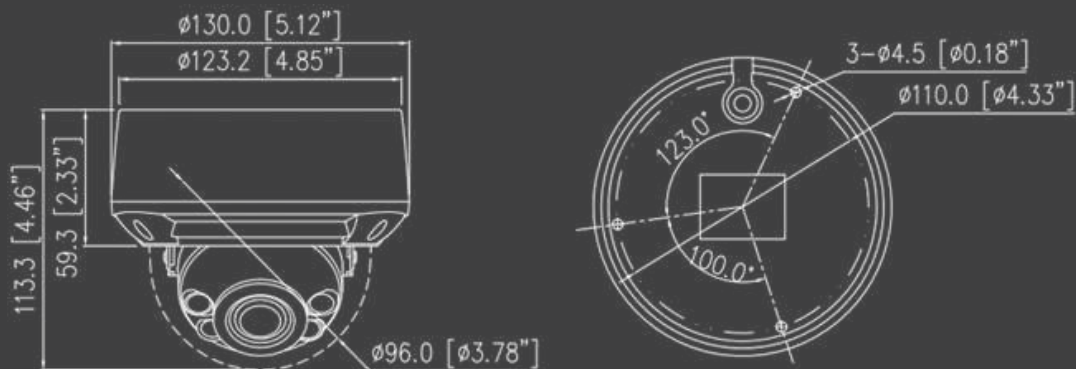
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Technical Specification

Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66, IK10
Certifications	CE-EMC (EN 55032:2015+A1:2020, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)
Material	Aluminum alloy body, bubble: plastic
Net Weight	0.75kg (1.65 lb)
Dimensions	130mm (L) × 113mm (H)

Dimension



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Accessories - Optional



EP-CBK657 - Junction Box



EP-CBK101 - Pole Mount



EP-CBK202 - Pendant Cap



EP-CBK501 - Wall Mount



EP-CBK502 - Wall Mount



EP-CBK402 - Pendant Mount



EP-CBK102 - Corner Mount

Ordering Information

EPC-ED8080R	Entrypass 5MP IR Motorized Dome
EP-CBK657	Junction Box
EP-CBK101	Pole Mount
EP-CBK202	Pendant Cap
EP-CBK501	Wall Mount
EP-CBK502	Wall Mount
EP-CBK402	Pendant Mount
EP-CBK102	Corner Mount



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