SN-IPD8020EPAR-B

2MP Cable Free Indoor Mini Dome Network Camera



Key Features

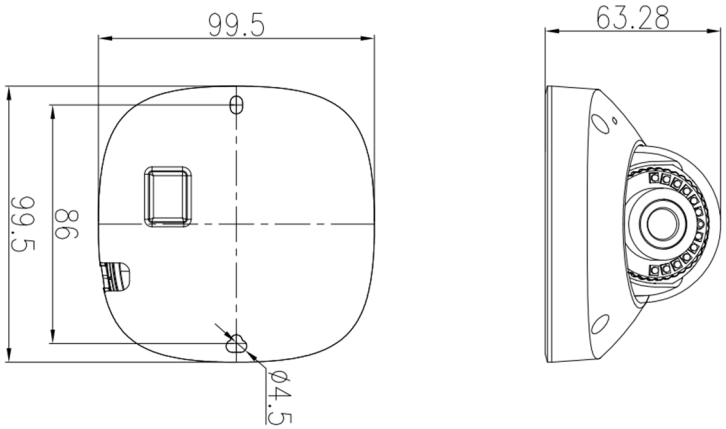
- 1/2.8” progressive scan CMOS
- Max. 1080P(1920×1080) @25/30fps resolution
- 2.8mm fixed lens (4mm optional)
- WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection and capture
- Smart events: intrusion, single line crossing, double line crossing, loitering, wrong way, people counting
- Built-in 1-ch microphone
- 1/1 audio in/out, 1/1 alarm in/out
- Smart IR up to 15m
- Built-in SD card slot, PoE

Specification

Camera	
Image Sensor	1/2.8” Progressive Scan CMOS
Max. Resolution	2MP (1920×1080)
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s
Min. illumination	Color: 0.01 Lux @ (F1.6, AGC ON) , B/W: 0 Lux @ (IR LED ON)
Day & Night	IR cut filter
IR Distance	Up to 15 m (49.2 ft)
IR On/Off Control	Auto/Manual
Pan/Tilt/Rotation Range	Pan: ±45˚, Tilt: 0˚ ~ 72˚, Rotation: 0˚ ~ 360˚
Lens	
Lens Type	Fixed focus
Iris	Fixed Iris
Focal Length	2.8 mm (4 mm optional)
F Number	F2.0
Angle of View	H: 95.5°, V: 51.9°
Video	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200kbps~12Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps
Region of Interest	Off/On (8 Zone, Rectangle)
Smart Encode	Support
Image	
Max. Resolution	2MP (1920×1080)
Streaming Capability	3 Streams
Image Enhancement	HLC / BLC / Defog / WDR
White Balance	Auto
Gain Control	Auto/Manual
Noise Reduction	2D/3D DNR
Aisle Mode	Support
Smart IR	Support
Mirror	Support
Region of Interest	Off/On (8 Zone, Rectangle)
Motion Detection	Support
Privacy Masking	Support

Smart Function	
Multi-Object Detection	Supports face, human, vehicle detection and capture
Smart Events	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, People counting Support alarm triggering by specified target types (human and vehicle)
Audio	
Compression	G.711, RAW_PCM
Bit Rate	8kbps, 16kps, 64kbps
Network	
Protocols	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL
Interoperability	ONVIF, SDK, CGI
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Built-in Microphone	Yes
Alarm Interface	1ch Input, 1ch Output
Reset Button	Support
SD Card Slot	Built-in, up to 256GB
Electrical	
Power Supply	DC12V (-25%~+10%)/POE (IEEE 802.3af)
Power Consumption	Max 6W
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	-
Certifications	CE/FCC
Casing	Metal + Plastic
Dimensions	99.5 × 99.5 × 63.3 mm (3.92 × 3.92 × 2.49 inch)
Net Weight	0.36 kg (0.79 lb)

Dimensions (mm)



Accessories

Optional：



SN-CBK647
Junction Box



SN-CBK204
Pendant Cap



SN-CBK402
Pendant Mount



SN-CBK501
Wall Mount



SN-CBK502
Wall Mount



SN-CBK101
Pole Mount



SN-CBK102
Corner Mount

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