SUNELL

SN-IPR8050CNAN-B

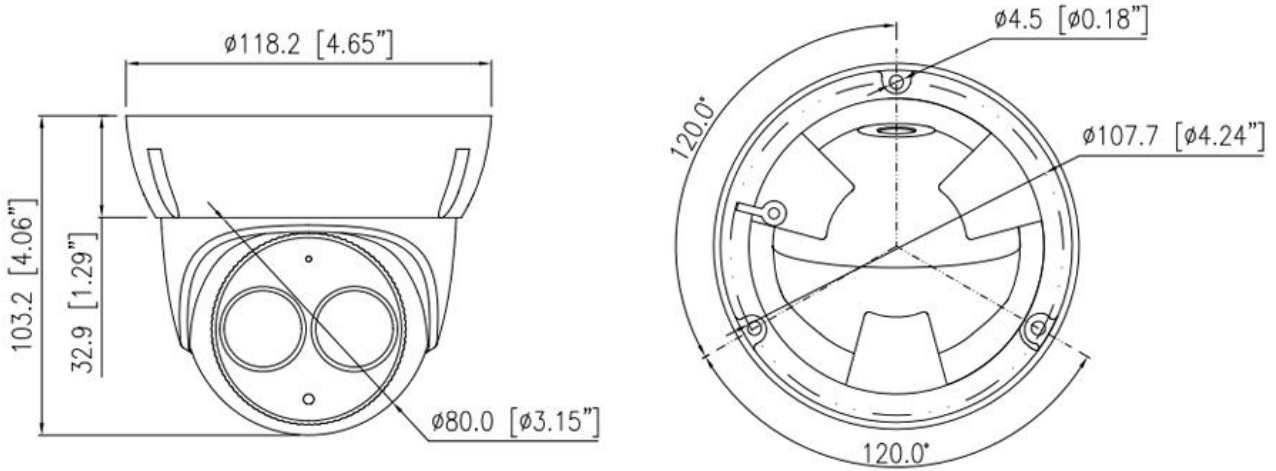**5MP IR Fixed Turret Network Camera**

Key Features

- 1/2.8" progressive scan CMOS

- Max. 5MP(2592×1944) @25/30 fps resolution

- 2.8mm fixed lens (4mm optional)

- 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, people counting

- 1/1 audio in/out, 1/1 alarm in/out

- Built-in microphone and SD card slot

- Smart IR distance up to 30 m

- IP66

Specification

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	5MP (2592 × 1944)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000 s
Min. illumination	Color: 0.03 Lux @ (F1.6, AGC ON), B/W: 0 Lux @ (IR LED ON)
Day & Night	IR cut filter
Angle Adjustment	Pan: 0˚ to 355˚, Tilt: 0˚ to 80˚, Rotation: 0 to 360˚

Lens

Lens Type	Fixed focus	
Iris	Fixed Iris	
Focal Length	2.8 mm	4mm
F Number	F2.0	F1.6
Angle of View	H: 93.8°, V: 68.2°	H: 80°, V: 56.6°

DORI

	Lens	Detect	Observe	Recognize	Identify
DORI Distance	2.8 mm	72 m (236.2 ft)	32.8 m (107.6 ft)	14.4 m (47.2 ft)	7.2 m (23.6 ft)
	4 mm	80 m (262.4 ft)	32 m (105 ft)	16 m (52.5 ft)	8 m (26.2 ft)

Illuminator

Illuminator Type	IR
Illumination Distance	Up to 30 m (98.4 ft)
Illumination On/Off Control	Auto/Manual

Video

Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2592 × 1944, 2592 × 1520, 1920 × 1080, 1280 × 720 @25/30 fps Stream2: D1, VGA, CIF @25/30 fps Stream3: VGA, CIF, QVGA @25/30 fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200 kbps to 12 Mbps Stream2: 100 kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps
Region of Interest	Off/On (8 areas, Rectangle)
Smart Encode	Support

Audio

Compression	G.711, RAW_PCM
Bit Rate	64Kbps (G.711), 128Kps (RAW_PCM)

Image

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
Wide Dynamic Range	True WDR
S/N Ratio	55dB
Motion Detection	Support
Privacy Masking	4 areas
Smart Function	
Multi-Object Detection	Supports face, human, vehicle detection and capture
Intelligent Analytics	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way Support alarm triggering by specified target types (human and vehicle)
People Counting	Support
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	Multicast
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
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 256GB
Electrical	
Power Supply	DC12V (-15% to +25%)/PoE (IEEE 802.3af)
Power Consumption	Max 6 W
Operating Temperature	-40℃ to 55℃ (-40°F to 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE/FCC
Casing	Metal
Dimensions	Φ 118.2 × 103.2 mm (4.65 × 4.06 inch)
Net Weight	0.54 kg (1.19 lb)

Dimensions (mm)

ø118.2 [4.65"]

103.2 [4.06"]

32.9 [1.29"]

ø80.0 [ø3.15"]

ø4.5 [ø0.18"]

ø107.7 [ø4.24"]

120.0°

120.0°

Accessories

Optional：

SN-CBK646M
Junction Box

SN-CBK203
Pendant Cap

SN-CBK402
Pendant Mount

SN-CBK501
Wall Mount

SN-CBK502
Wall Mount

SN-CBK101
Pole Mount

SN-CBK102
Corner Mount