SUNELL

SN-IPR8080DQAS-B

8MP Smart Dual Illumination Bullet Network Camera
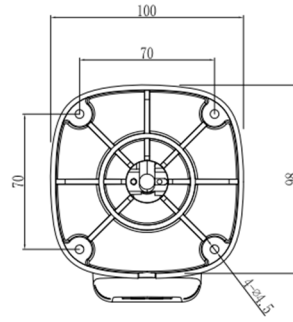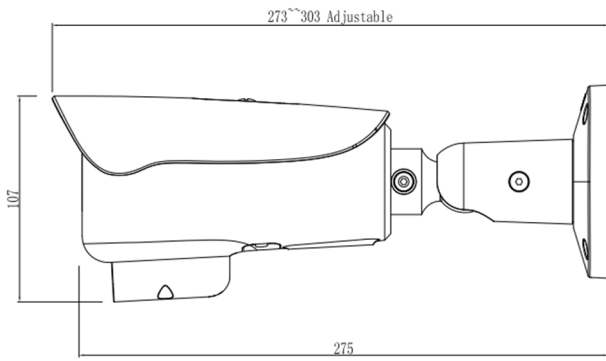
Key Features

- 1/2.8" progressive scan CMOS
- Max. 8MP(3840×2160) @25/30fps resolution
- 4mm fixed lens, 2.8mm optional
- WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection and capture
- Intelligent detection: intrusion, single line crossing, double line crossing, loitering, wrong way, people counting
- Built-in IR LED and warm lights, IR illumination distance up to 50m and warm light distance up to 40m
- 1/1 audio in/out, 1/1 alarm in/out
- Built-in microphone and speaker
- Built-in SD card slot, IP66, PoE

Specification

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	8MP (3840×2160)
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s
Min. illumination	Color: 0.01 Lux (F1.6, AGC ON), 0 Lux with Light on
Day & Night	IR cut filter
Illumination Distance	IR distance up to 50m (164.0 ft) Warm distance up to 40m (131.2 ft)
Illumination On/Off Control	Auto/Manual
Pan/Tilt/Rotation Range	Pan: 0˚ ~ 360˚, Tilt: 0˚ ~ 90˚, Rotation: 0˚ ~ 360˚

Lens

Lens Type	Fixed focus	
Iris	Fixed Iris	
Focal Length	2.8 mm	4 mm
F Number	F2.0	F1.6
Angle of View	H: 101.5°, V: 54.2°	H: 85.5°, V: 43.7°

Video

Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 3840×2160, 2592×1944, 2592×1520, 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~16Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps
Region of Interest	Off/On (8 Zone, Rectangle)
Smart Encode	Support

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 Illumination	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	Support

Smart Function

Multi-Object Detection	Support face, human, vehicle detection and capture
Intelligent Analysis	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
Built-in Speaker	Yes
Alarm Interface	1ch Input, 1ch Output
Reset Button	Support
SD Card Slot	Built-in, up to 256GB

Electrical

Power Supply	DC12V(-15%~+25%)/POE (IEEE 802.3af)
Power Consumption	Max 12.5 W
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE / FCC
Casing	Metal
Dimensions	303 × 100 × 107 mm (11.9 × 3.94 × 4.21 inch)
Net Weight	1.25 kg (2.76 lb)

Dimensions (mm)

Accessories

Optional：

SN-CBK649B
Junction Box

SN-CBK627D
Pole Mount