SUNELL

SN-IPR8020CQAA-Z

2MP Active Deterrence IR Turret Network Camera
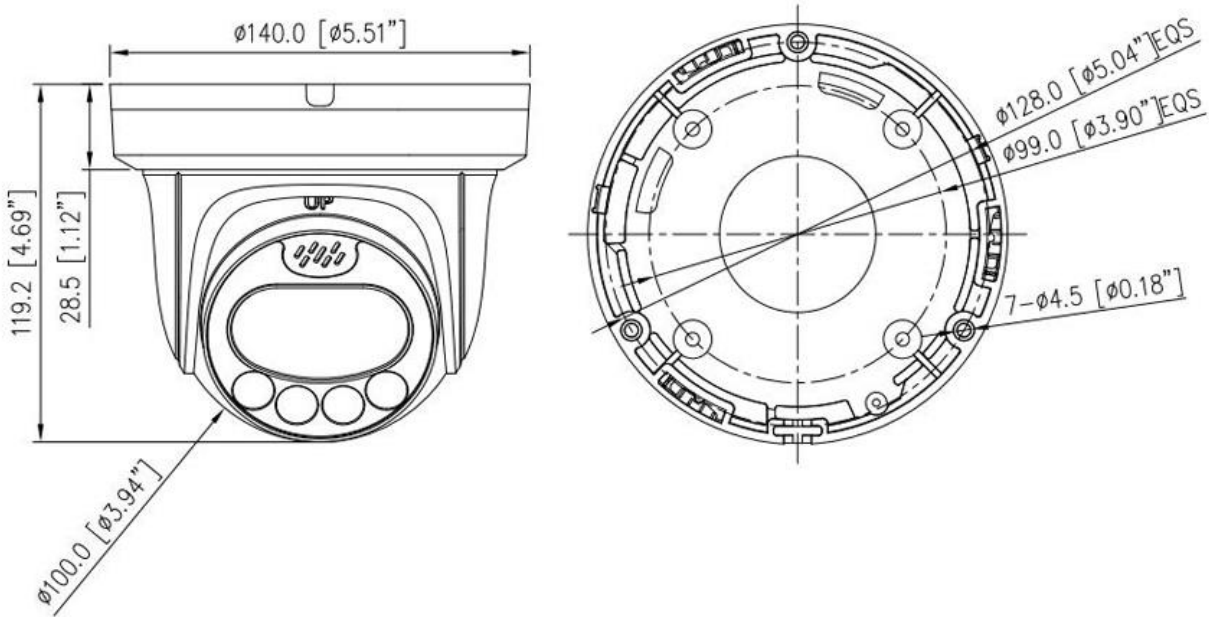

Key Features

- 1/2.8" progressive scan CMOS

- Max. 1080P(1920×1080) @25/30 fps resolution

- 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 speaker

- Built-in SD card slot

- Supports strobe-light and audible alarms linkage to warn intruders off

- Smart IR distance up to 40 m

- IP66

Specification

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	2MP (1920 × 1080)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000 s
Min. illumination	Color: 0.01 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	Motorized focus
Iris	Fixed Iris
Focal Length	2.7 to 13.5 mm
F Number	F1.6
Angle of View	H: 101° to 28°, V: 54° to 16°

DORI

	Lens	Detect	Observe	Recognize	Identify
DORI Distance	Wide	48 m (157.5 ft)	19.2 m (63 ft)	9.6 m (31.5 ft)	4.8 m (15.7 ft)
	Tele	152 m (498.7 ft)	60.8 m (199.5 ft)	30.4 m (99.7 ft)	15.2 m (49.9 ft)

Illuminator

Illuminator Type	IR
Illumination Distance	Up to 40 m (131.2 ft)
Illumination On/Off Control	Auto/Manual

Video

Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 1920 × 1080, 1280 × 720 @25/30 fps Stream2: D1, VGA, 640 × 360, CIF, QVGA @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
Smart Alarm	When an alarm is triggered, active strobe light and audible to warn intruders off.
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
Built-in Speaker	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 9 W
Operating Temperature	-40°C to 55°C (-40°F to 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE/FCC
Casing	Metal + Plastic
Dimensions	φ140 × 119.2 mm (5.51 × 4.69 inch)
Net Weight	0.9 kg (1.98 lb)

Dimensions (mm)

Accessories

Optional：

SN-CBK645D Junction Box	SN-CBK206 Pendant Cap	SN-CBK402 Pendant Mount	SN-CBK501 Wall Mount
SN-CBK502 Wall Mount	SN-CBK101 Pole Mount	SN-CBK102 Corner Mount	