HDVIEW Camera

4K Smart Dual Light Active Deterrence Turret Network Camera
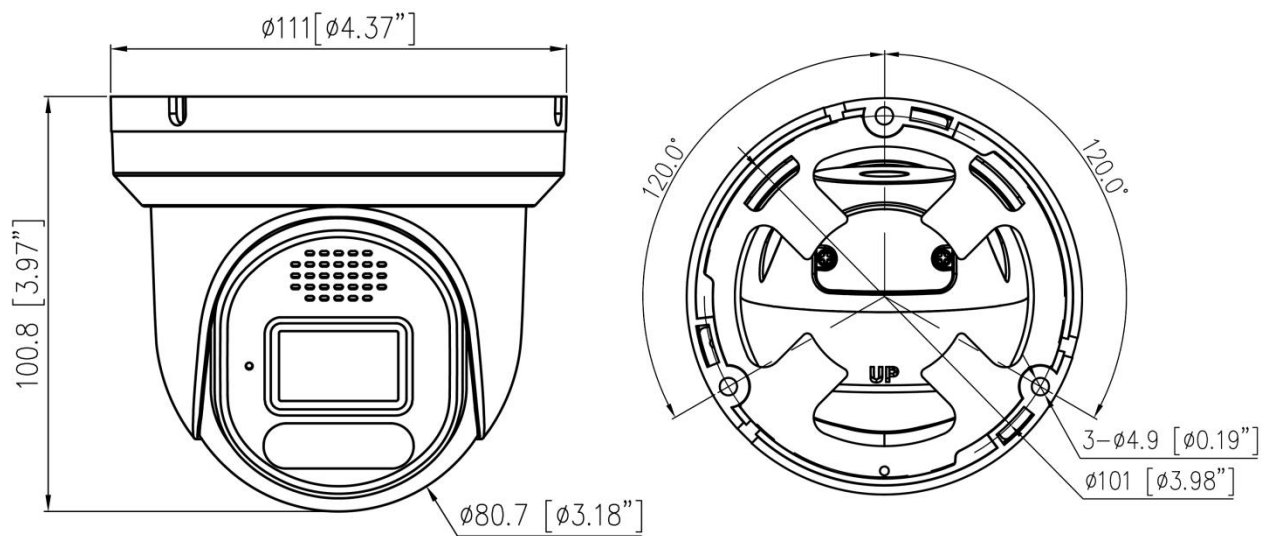
Key Features

- 1/2.7" progressive scan CMOS

- Max. 8MP(3840×2160) @25fps resolution

- True WDR, 3D DNR, ROI, HLC, BLC, Defog

- Support face, human, vehicle detection

- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way, illegal parking, people counting and smart motion detection

- Built-in microphone and speaker

- Built-in SD card slot

- Sound and light alarm (red and blue lights)

- Built-in IR LED and warm lights, illumination distance up to 30m

- IP66

Specification

Camera

Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	8MP (3840×2160)
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 80˚, Rotation: 0˚ to 360˚

Lens

Lens Type	Fixed focus	
Iris	Fixed Iris	
Focal Length	2.8 mm	4 mm
F Number	F1.6	F1.6
Angle of View	H: 109.5°, V: 59.8°	H: 91.5°, V: 46.3°

DORI

Lens	Detect	Observe	Recognize	Identify
2.8 mm	84.2 m (276.2 ft)	33.7 m (110.6 ft)	16.8 m (55.1 ft)	8.4 m (27.6 ft)
4 mm	113 m (370.7 ft)	45.2 m (148.3 ft)	22.6 m (74.1 ft)	11.3 m (37.1 ft)

Illuminator

Illuminator Type	IR, Warm light
Illumination Distance	IR distance up to 30m (98.4ft) Warm light distance up to 20m (65.6ft)
Illumination On/Off Control	Auto/Manual

Video

Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 3840×2160, 2880×1620, 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @25fps Stream2: D1, VGA, CIF @ 25fps Stream3: VGA, CIF, QVGA @ 25fps (Enable WDR is 20fps)
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200Kbps to 16Mbps Stream2: 100Kbps to 6Mbps Stream3: 100Kbps to 3Mbps
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 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	4 areas
Smart Function	
Multi-Object Detection	Supports face, human, vehicle detection
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
Smart Alarm	When an alarm is triggered, red and blue lights will flashing activate to warn the intruder.
Basic Events	Disk alarm, Network alarm, I/O alarm, Motion detection alarm, Abnormal sound detection
Network	
Protocols	IPv4/IPv6, RTSP/ RTCP/RTP, TCP/UDP, HTTPS, DHCP, DNS, DDNS, PPPoE, UPnP, ICMP, IGMP, FTP, NTP, SMTP, 802.1x, SNMP
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
Reset Button	Support
SD Card Slot	Built-in, up to 512GB
Electrical	
Power Supply	DC12V (-15% to +25%)/PoE (IEEE 802.3af)
Power Consumption	2W (IR OFF), Max 7.5W (IR ON)
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE/FCC
Casing	Metal + Plastic
Dimensions	φ 111 × 100.8mm (φ4.37" × 3.97")
Net Weight	0.45 kg (0.99 lb)

Dimensions (mm)

Ø111[Ø4.37"]

100.8 [3.97"]

Ø80.7 [Ø3.18"]

120.0°   120.0°

UP

3−Ø4.9 [Ø0.19"]
Ø101 [Ø3.98"]

Accessories

Optional：

SN-CBK646M
Junction Box

SN-CBK202A
Pendant Cap

SN-CBK402
Pendant Mount

SN-CBK501
Wall Mount

SN-CBK502
Wall Mount

SN-CBK101
Pole Mount

SN-CBK102
Corner Mount