SNCHP8650CDRKZ30SS

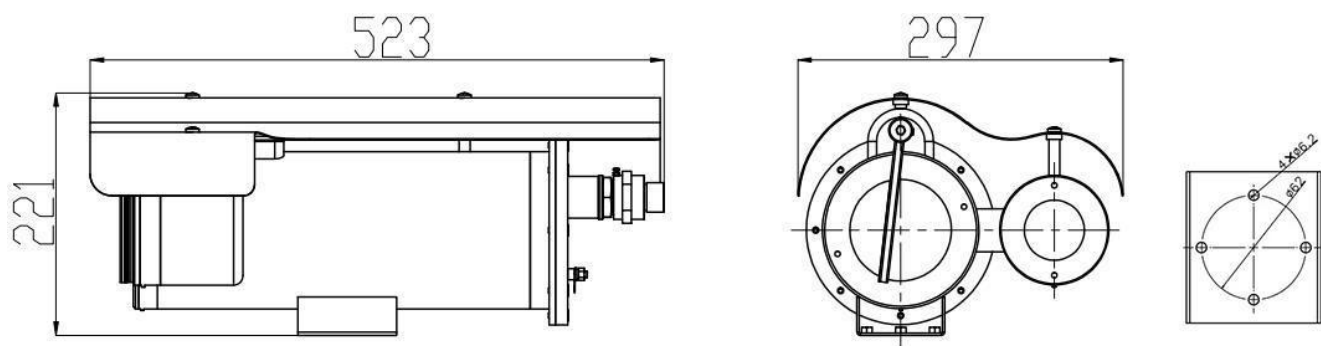**5MP 30x IR Explosion-proof Network Camera**

Key Features

- 1/2.8" 5MP STARVIS™ CMOS

- 30x optical zoom and 16x digital zoom

- Support face, human and vehicle detection and capture

- Support smoke and fire detection as well as smart motion detection

- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, illegal parking and people counting

- Smart IR distance up to 100m

- -K: Support fiber optical interface

- 316L stainless steel enclosure, IP68 water resistant

- ATEX: II 2 G Ex db op is IIC T6 Gb, Ex II 2 D Ex tb op is IIIC T80°C Db

Specification

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	2592(H) × 1944(V)
Min. illumination	Color: 0.07 Lux @ (F1.6, AGC ON), B/W: 0.02 Lux @ (F1.6, AGC ON), 0 Lux with IR
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Day & Night	Auto (ICR)
Wiper	Support

Lens

Focal Length	5.3 to 159 mm, 30x optical zoom
Aperture	F1.6 to F4.3
Angle of View	H: 56.3° to 2.5°, V: 42.3° to 1.9°
Zoom Speed	Approx. 2.5s
Iris Control	Auto/Manual
Focus Control	Auto/Manual/Semi-automatic
Digital Zoom	16x

DORI Distance

Lens	Detect	Observe	Recognize	Identify
Wide	104 m (341.2 ft)	41.6 m (136.5 ft)	20.8 m (68.2 ft)	10.4 m (34.1 ft)
Tele	3,120 m (10,236.2 ft)	1,248 m (4,094.5 ft)	624 m (2,047.2 ft)	312 m (1,023.6 ft)

Illuminator

Illuminator Type	IR
Illumination Distance	Up to 100 m (328.1 ft)
Illumination On/Off Control	Auto/Manual

Video and Audio

Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2592×1944, 2592×1520, 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 to 12Mbps Stream2: 100kbps to 6Mbps Stream3: 100kbps to 3Mbps
Smart Encoder	Support
Region of Interest (ROI)	Support
Audio Compression	G.711: 64Kbps, RAW_PCM: 128Kbps

Image

Image Adjustment	Brightness, Sharpness, Contrast, Saturation
Mirror	Support
Exposure Mode	Auto/Manual
White Balance	Auto/Manual

Day/Night Setting	Auto, Day, Night, Time
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, Anti-shake
Wide Dynamic Range	True WDR
S/N Ratio	55dB
Privacy Masking	Support 8 zones, mask color configurable
Smart Function	
Basic Event	Motion detection alarm, I/O alarm, Disk alarm, Network alarm
Multi-Object Detection	Support face, human, vehicle detection and capture
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking, Smart motion detection (support the accurate detection of vehicle and human)
Smoke & Fire Detection	Support
People Counting	Support
Network	
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF, SDK
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
Fiber Optical	-K: 1 single module fiber interface
Audio Interface	1ch Input, 1ch Output
Alarm Interface	2ch Input, 1ch Output
RS-485	Support
CVBS Interface	Support
SD Card Slot	Built-in, up to 256GB
Reset Button	Built-in
Electrical	
Power Supply	100 to 240VAC
Power Consumption	Less than 36 W
Operating Temperature	-40°C to 60°C (-40°F to 140 °F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP68
Certifications	ATEX: Ex II 2G Ex db op is IIC T6 Gb /Ex 2D tb op is IIIC T80℃ Db, IECEx: Ex db op is IIC T6 Gb /Ex tb op is IIIC T80℃ Db
Casing	SUS316L
Dimensions	523 × 297 × 221 mm (20.6 × 11.7 × 8.7 inch)
Net Weight	16.2 kg (35.71 lb)

Dimensions (mm)

Accessories

Optional：

SN-BK401A-SS
Wall Mount

SN-BK406
Pole Mount

SN-BK407-SS
Corner Mount

SN-BK400-SS(P/F/D)
Junction Box

SN-CPL10A-SS
Washing Tank

Flexible Tube