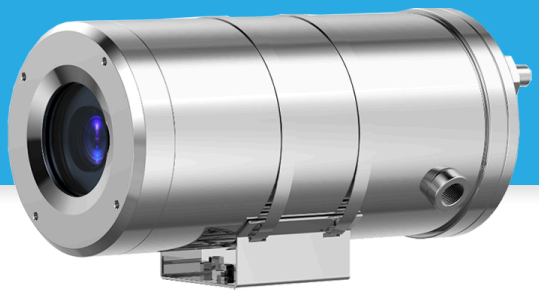
SN-CHP8650JAN-Z30-S-F

5MP 30x Air Cooling Bullet Network Camera



Key Features

- 1/2.8" STARVIS™ CMOS, up to 5MP (2592 × 1944)@25/30 fps
- 30x optical zoom, 16x digital zoom
- Supports face, human, and vehicle detection with snapshot capture
- Supports human and vehicle attribute analysis
- Intelligent analytics: Intrusion, smart motion detection, line crossing, loitering, wrong-way detection, area people limit, perimeter detection, illegal parking, running detection, fall detection, fight detection, smoke and flame detection, and people counting.
- True WDR (120dB), 3D DNR, ROI, Defog, HLC
- Rugged 304 stainless steel housing, IP68-rated for water resistance
- Supports air cooling for efficient thermal control

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Specifications

Camera	
Image Sensor	1/2.8” Progressive Scan CMOS
Max Resolution	5MP, 2592(H) × 1944(V)
Shutter Speed	1/5 to 1/100,000s
Min Illumination	Color: 0.07 Lux @ (F1.6, AGC ON), B/W: 0.02 Lux @ (F1.6, AGC ON)
Day & Night	Auto (ICR)
Lens	
Focal Length	5.3 to 159 mm, 30x Optical Zoom
Max. Aperture	F1.6 to F4.3
Field of View (FOV)	H: 56.3° to 2.7°, V: 42.4° to 2.0°
Digital Zoom	16x
Iris	Auto / Manual
Focus Control	Auto / Manual / Semi-automatic
Intelligent Analytics	
AI Multi-Target Detection	- Supports face, human, and vehicle detection with snapshot capture - Supports human and vehicle attribute analysis - Supports tracking display modes: Full Frame, Four-Corner Frame, and Mosaic
Attribute Analysis	Human Attributes: Gender, age, glasses, hat, bag, upper clothing color & style, lower clothing color & style, reflective vest.Vehicle Attributes: Type, color, brand, orientation.
Intelligent Analysis	Intrusion detection, smart motion detection, single line crossing, double line crossing, loitering, wrong-way detection, illegal parking, area people limit, perimeter detection, running detection, fall detection, fight detection. - Supports alarm triggering based on specified target types (human/vehicle)
Smoke and Flame Detection	Supported
People Counting	Supported
Video & Audio	
Number of Streams	3 Streams
Resolution	Stream 1: 2592 × 1944, 2592 × 1520, 1920 × 1080, 1280 × 720 Stream 2: D1, VGA, CIF Stream 3: VGA, CIF, QVGA
Frame Rate	Up to 25/30 fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream 1: 200 Kbps to 12 Mbps Stream 2: 100 Kbps to 6 Mbps Stream 3: 100 Kbps to 3 Mbps
Smart Encoding	Supported

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Region of Interest (ROI)	Up to 8 zones
Audio Compression	G.711 A-law, G.711 µ-law, RAW_PCM
Audio Bit Rate	64 kbps (G.711), 128 kbps (RAW_PCM)
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Mode	Indoor, Outdoor, Mirror
Exposure Mode	Auto, Manual, Shutter priority, Iris priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day mode, Night mode, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, WDR, Anti-shake
Wide Dynamic Range	True WDR (120 dB)
Privacy Masking	Up to 8 configurable zones
Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Event Actions	Alarm record, FTP upload, Email notification, Snapshot, Alarm output, Audible alarm output
Network	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
Application Programming Interface	ONVIF (Profile S/T/G/M), SDK, CGI
Max Concurrent Streams	10 channels
User/Host Level	32+ users, 3 user levels: Administrator, Operator, and Media User
Web Viewer	Chrome, Firefox, Microsoft Edge, IE11 or earlier
Security	
OS / Firmware Protect	Encrypted firmware, Secure boot, Signed firmware
User Authentication	Digest authentication, Brute-force attack protection
Network Authentication	IEEE 802.1X (EAP-TLS)
Secure Communication	HTTPS, WSS (WebSocket Secure), SRTP
Access Control	IP-based access control, Auto logout
Data Protect	Encryption credentials
Audit	Access, system, and event logs
Secure Storage	AES-256 encrypted SD card storage
Supply Chain Security	SBOM
Interface	
Network Interface	1 × RJ45 10/100 Mbps Ethernet port

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Audio Interface	1 input, 1 output
Alarm Interface	2 input, 1 output
SD Card Slot	Built-in microSD card slot (up to 1 TB) *Memory card must be factory pre-installed and is not field-installable.
Reset Button	Built-in
General	
Language	English, Chinese, Traditional Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Japanese, Korean. Default: English
Power Supply	100 to 240VAC
Power Consumption	Less than 15 W
Operating Conditions	Air cooling: - Ambient temperature -20°C to 150°C (-4°F to 302°F), water flow speed 0.3-0.6m^3/h, internal body temperature of the body ≤ 35°C (95°F), pressure 0.1 to 0.2MPa - Ambient pressure: 80Kpa to 106Kpa
Operating Humidity	< 95% RH, non-condensing
Ingress Protection	IP68
Material	Stainless steel 304
Dimensions	411 × 169 × 194 mm (16.18 × 6.65 × 7.64 inch)
Net Weight	Approx. 9.1 kg (20.06 lb)
DORI Distance (EN 62676-4 standard)	
Detect	104 to 3,120 m (341.2 to 10,236.2 ft)
Observe	41.6 to 1,248 m (136.5 to 4,094.5 ft)
Recognize	20.8 to 624 m (68.2 to 2,047.2 ft)
Identify	10.4 to 312 m (34.1 to 1,023.6 ft)

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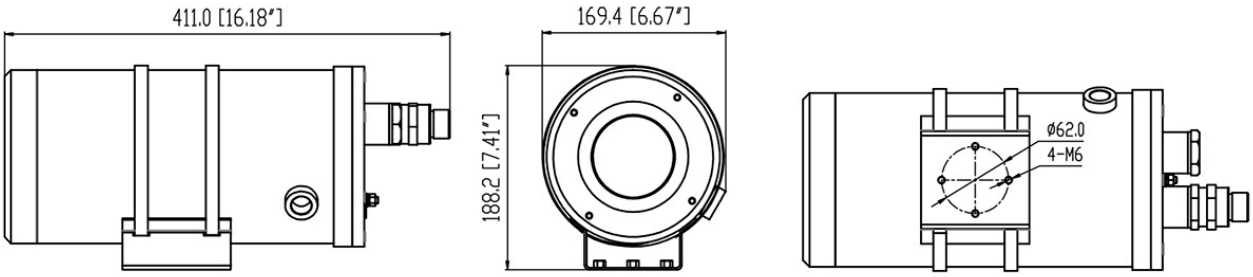
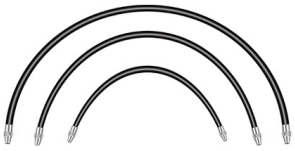
Dimensions (mm)



Accessories

Optional:

SN-BK401A-SS Wall Mount	SN-BK406-SS Pole Mount	SN-BK407-SS Corner Mount
		
SN-BK400-SS(P/F) Junction Box	Flexible Tube	

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