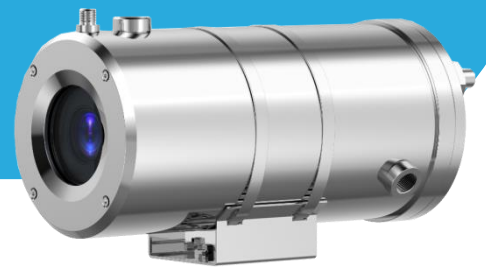




SN-CHP8650JAN-Z30-S-S

5MP 30x Water Cooling Bullet Network Camera



Key Features

- 1/2.8" STARVIS™ CMOS
- 25/30 fps @ 5MP (2592 × 1944) resolution
- 30x optical zoom, 16x digital zoom
- Supports face, human, vehicle detection; smoke and flame detection
- Advanced analytics: intrusion, single/double line crossing, loitering, wrong-way detection, illegal parking, smart motion detection, people counting
- True WDR, 3D DNR, ICR, HLC, BLC, defog
- Rugged 304 stainless steel housing, IP68-rated for water resistance
- Supports water cooling for efficient thermal control



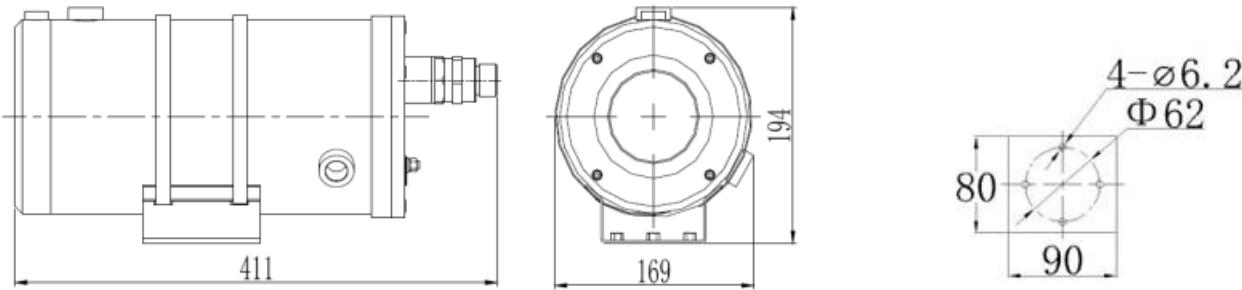
Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	5MP, 2592(H) × 1944(V)
Min. illumination	Color: 0.07 Lux @ (F1.6, AGC ON), B/W: 0.02 Lux @ (F1.6, AGC ON)
Electronic Shutter	Auto/Manual, 1/5 to 1/100,000s
Day & Night	Auto (ICR)
Wide Dynamic Range	True WDR
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°
Zoom Speed	Approx. 2.5 s
Digital Zoom	16x
Iris Control	Auto/Manual
Focus Control	Auto/Manual/Semi-automatic
DORI Distance	
Detection	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)
DORI (Detect, Observe, Recognize, and Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances.	
Intelligent Analytics	
Multi-Object Detection	Supports face, human, vehicle detection and capture. Supports multiple frame modes: Full Frame, Four-corner Frame, and Mosaic.
Smoke and Flame Detection	Support
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)
People Counting	Support
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: 200 kbps to 12 Mbps Stream2: 100 kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps
Smart Encoder	Support
Region of Interest (ROI)	Support
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 Setting	Indoor, Outdoor, Mirror
Exposure Mode	Auto, Manual, Shutter priority, Iris priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day, Night, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, WDR, Anti-shake
Privacy Masking	Support 8 zones, mask color configurable
Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Event Actions	Alarm record, SMTP upload, FTP upload, 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
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
Max Concurrent Streams	10 channels
User/Host Level	32+ users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Interface	
Network Interface	1 × RJ-45, 10/100 Mbps self-adaptive Ethernet port
Audio Interface	1 input / 1 output

Alarm Interface	2 inputs / 1 output
RS-485	Supported
CVBS Output	Optional
SD Card Slot	Built-in, up to 1 TB <i>* If needed, we recommend purchasing the memory card with the product so it can be pre-installed during production.</i>
Reset Button	Built-in
Ambient	
Ambient temperature	Water cooling: 0°C to 250°C
Air cooling media	Water Flow: 0.3m ³ /h, ≤35°C, pressure 0.1 to 0.2MPa
Ambient pressure	80Kpa to 106Kpa
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 Temperature	-40°C to 60°C (-40°F to 140 °F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP68
Material	Stainless steel 304
Dimensions	411 × 169 × 188 mm (16.18 × 6.65 × 7.4 inch)
Net Weight	Approx. 9.1 kg (20.06 lb)

Dimensions (mm)



Accessories

Optional:



SN-BK401A-SS
Wall Mount



SN-BK406-SS
Pole Mount



SN-BK407-SS
Corner Mount



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



Flexible Tube