



SN-IPP8086QAS-B

8MP Dual-sensor Panoramic Bullet Network Camera



Key Features

- 2×5MP 1/2.8" STARVIS™ CMOS
- Output 180° wide angle splicing image
- Outputs max. 8MP (4224×1848)@25/30 fps, and supports 2592×1944 @25/30fps
- Support human and vehicle detection and capture
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, smart motion detection, people counting and heat map
- True WDR, 3D DNR, ROI, Defog, HLC
- Built-in warm light and IR light, the max. illumination distance up to 30 m (98.4 ft)
- Audio: 1ch in,1ch out; built-in Mic and speaker; support two-way talk
- Alarm: 1ch in,1ch out; built-in SD card slot, up to 1 TB
- IP66



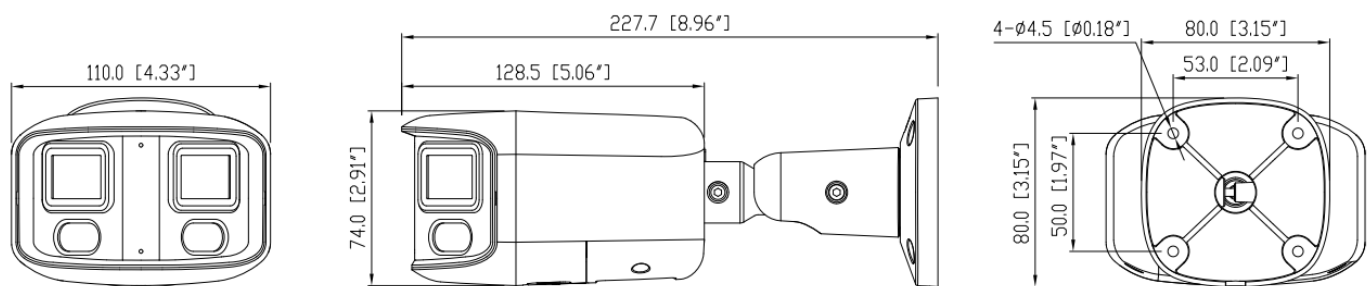
Specification

Camera	
Image Sensor	Dual 1/2.8" Progressive Scan CMOS
Max. Resolution	8MP, 4224(H) × 1848(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/100,000s
Min. illumination	Color: 0.01 Lux @ (F1.6, AGC ON) B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with light on
Day & Night	Auto (ICR)
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°
Lens	
Lens Type	Fixed-focal lens, Dual lens
Iris	Fixed Iris
Focal Length	2.8 mm
Max. Aperture	F1.6
Field of View (FOV)	H: 185.8°, V: 65.3°
DORI Distance	
Detect	66 m (216.5 ft)
Observe	26.4 m (86.6 ft)
Recognize	13.2 m (43.3 ft)
Identify	6.6 m (21.7 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.	
Illuminator	
Illuminator Type	2 (IR LED), 2 (Warm Light)
Illumination Distance	IR distance up to 30 m (98.4 ft) Warm light distance up to 20 m (65.6 ft)
Illumination Control	IR mode, White mode, Intelligent mode, None
IR Wavelength	850 nm
Intelligent Analytics	
Multi-Object Detection	Supports face, human, vehicle detection and capture. Supports multiple frame modes: Full Frame, Four-corner Frame, and Mosaic.
Intelligent Analysis	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
Heat Map	Support
Video and Audio	
Streaming Capability	3 Streams
Stream/Frame Rate	Splicing mode: - Stream1: 4224×1848, 3072×1760, 3072×1536, 2880×1440, 2560×1280, 2048×1024 @ 25/30fps - Stream2: 1920×832, 1536×576 @ 25/30fps - Stream3: 1920×832, 1280×560 @ 25/30fps Multi-channel mode: - Stream1: 2592×1944, 2592×1520, 1920×1080, 1280×720 @ 25/30fps, - Stream2: D1, VGA, CIF, QVGA @ 25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Splicing mode: - Stream1: 500 kbps to 16 Mbps - Stream2: 200 kbps to 8 Mbps - Stream3: 200 kbps to 8 Mbps Multi-channel mode: - Stream1: 200 kbps to 16 Mbps - Stream2: 100 kbps to 6 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
Exposure Mode	Auto, Manual, Shutter priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day, Night, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	WDR, HLC, BLC, Defog
Privacy Masking	Support
Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Events Actions	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output, White light 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 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
SD Card Slot	Built-in, up to 1 TB
Reset Button	Support
General	
Language	English, Chinese, Traditional Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Japanese, Korean. Default: English
Power Supply	12 VDC (-15% to +20%) / PoE (802.3af)
Power Consumption	Max. 4 W (without IR) Max. 11.5 W (IR on + Speaker)
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-4, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4 FCC 47 CFR Part 15 Subpart B
Material	Metal
Dimensions	227.7 × 110 × 80 mm (8.96 × 4.33 × 3.15 inch)
Net Weight	0.82 kg (1.81 lb)

Dimensions (mm)



Accessories

Optional:



SN-CBK656A
Junction Box



SN-CBK627D
Pole Mount