



SN-IPP8085QAS-B

8MP 180° Panoramic Bullet Network Camera



Key Features

- 2×5MP 1/2.8" STARVIS™ CMOS
- Output 180° wide angle splicing image
- Outputs max. 8MP (4608×1728)@15 fps, and supports 2592×1944 @15fps
- 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



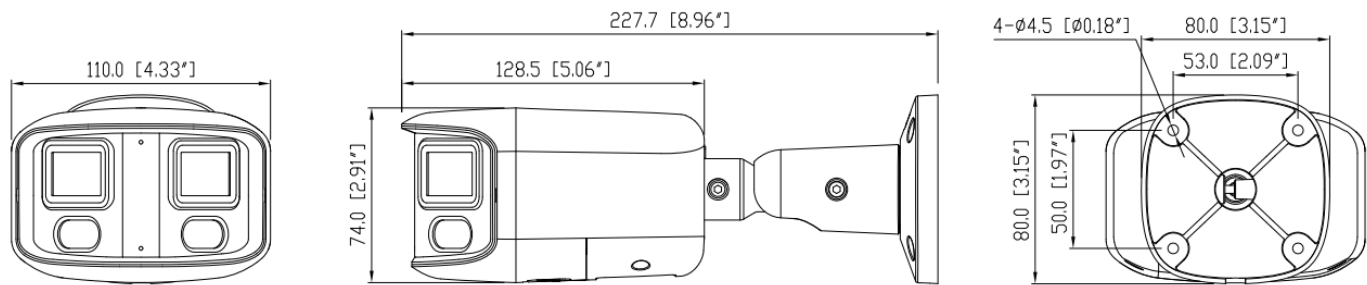
Specification

Camera	
Image Sensor	Dual 1/2.8" Progressive Scan CMOS
Max. Resolution	8MP, 4608(H) × 1728(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: 2.8mm
Iris	Fixed Iris
Focal Length	2.8 mm
F Number	F1.6
Angle of View	H: 180°, V: 63°
DORI Distance	
Detect	44 m (144.3 ft)
Observe	17.6 m (57.7 ft)
Recognize	8.8 m (28.9 ft)
Identify	4.4 m (14.4 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, 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	2 Streams
Main Stream	Splicing mode: 4608×1728, 3072×1152 @15fps Multi-channel mode: 2592×1944, 2592×1520, 1920×1080, 1280×720 @15fps,
Sub Stream	Splicing mode: 1536×576, 960×360 @15fps Multi-channel mode: D1, VGA, CIF, QVGA @ 15fps
Bit Rate Control	CBR/VBR
Bit Rate	Splicing mode: Stream1: 500 Kbps to 16 Mbps Stream2: 100 Kbps to 8 Mbps Multi-channel mode: Stream1: 200 Kbps to 12 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	Max sound transmission distance of 60m (196.85ft) (45 to 48 dB)
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 1ch Output
Reset Button	Support
SD Card Slot	Built-in, up to 1TB
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 11.5W
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-3, 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