RBUP 8085QAS-B

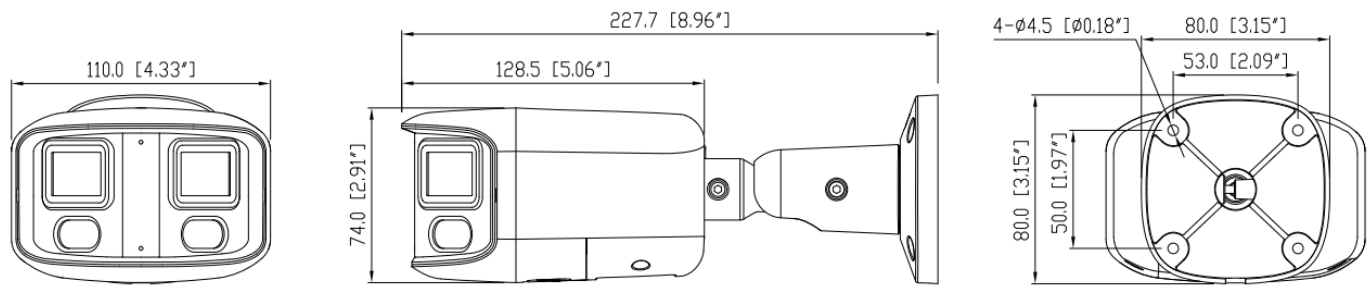## 8MP 180° Panoramic Bullet Network Camera

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 30m (98.4ft)

- 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 1TB

- IP66

Specification

Camera

Image Sensor	Dual 1/2.8" Progressive Scan CMOS
Max. Resolution	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

Lens	Detect	Observe	Recognize	Identify
2.8 mm	44 m (144.3 ft)	17.6 m (57.7 ft)	8.8 m (28.9 ft)	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 30m (98.4ft) Warm light distance up to 20m (65.6ft)
Smart Illumination	Support

Intelligent Analytics

Multi-Object Detection	Supports face, human, vehicle detection and capture
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	Up to 4 detection areas
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: 500Kbps to 16Mbps Stream2: 100Kbps to 8Mbps **Multi-channel mode:** Stream1: 200Kbps to 12Mbps Stream2: 100Kbps to 6Mbps
Smart Encoder	Support
Region of Interest (ROI)	Support

Audio Compression	G.711 A-law, G.711 μ-law, RAM 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 Action	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
User/Host Level	Up to 10 users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, encrypted 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, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	12VDC (-15% to +20%)/PoE (IEEE 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 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)
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)

110.0 [4.33"]

227.7 [8.96"]
128.5 [5.06"]
74.0 [2.91"]

4-∅4.5 [∅0.18"]   80.0 [3.15"]
53.0 [2.09"]
80.0 [3.15"]
50.0 [1.97"]

Accessories

Optional：

SN-CBK656A
Junction Box

SN-CBK627D
Pole Mount