

RBU7180KFAC-Z

8MP Ultra Color Bullet Network Camera



Key Features

- 1/2.7" progressive scan SONY STARVIS II™ CMOS
- Max. 8MP(3840×2160) @25fps resolution
- 2.7 to 13.5mm motorized varifocal lens
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection
- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way, illegal parking, people counting and smart motion detection
- Built-in IR and warm lights, Smart illumination distance up to 40m
- Supports red and blue lights alarm linkage to warn intruder
- 1/1 audio in/out, 1/1 alarm in/out, built-in mic and speaker
- Built-in micro SD card slot (up to 1 TB)
- IP66 protection



Technical Specification

Camera				
Image Sensor		1/2.7" Progressive Scan SONY STARVIS II™ CMOS		
Max. Resolution		8MP (3840 × 2160)		
Electronic Shutter		Auto/Manual, 1/5 ~ 1/20,000s		
Min. illumination		Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with light on		
Day & Night		IR cut filter		
Wide Dynamic Range		True WDR 120DB		
Angle Adjustment		Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°		
Lens				
Lens Type		Varifocal lens, motorized focal		
Iris		Fixed Iris		
Focal Length		2.7 to 13.5 mm		
Max. Aperture		F1.6		
Field of View (FOV)		H: 102.8° to 32.6°, V: 54.5° to 18.3°		
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
Wide (2.7 mm)	96 m (282.2 ft)	38.4 m (126 ft)	19.2 m (63 ft)	9.6 m (31.5 ft)
Tele (13.5 mm)	272 m (892.4 ft)	108.8 m (357 ft)	54.4 m (178.5 ft)	27.2 m (89.2 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	IR, Warm light
Illumination Distance	IR distance up to 30 m (98.4 ft) Warm light distance up to 20 m (65.6 ft)
Illumination On/Off Control	Auto/Manual
Intelligent Analytics	
Multi-Object Detection	Supports face, human, vehicle detection and capture
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
Video and Audio	
Video Compression	Support H.265+/H.265/H.264+/H.264
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 3840×2160, 2880×1620, 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25fps Stream2: D1, VGA, CIF @ 25fps Stream3: VGA, CIF, QVGA @ 25fps (Enable WDR is 20fps)
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200 Kbps to 16 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 Kbps to 3 Mbps
Region of Interest	Off/On (8 areas, Rectangle)
Smart Encode	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, Corridor Mode
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	4 areas
Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Event Action	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output, White light alarm output, Red and blue light alarm
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

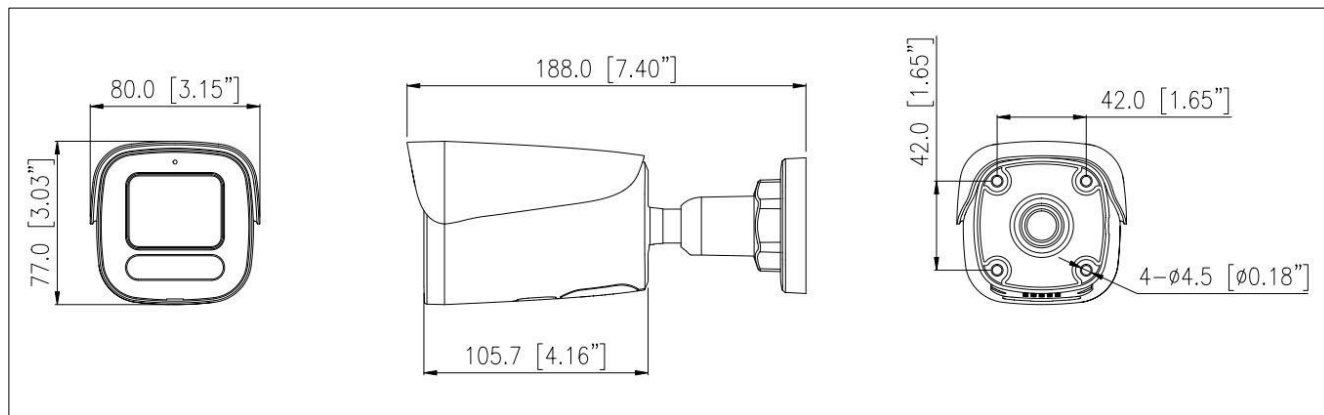
Interface

Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Built-in Microphone	Support
Built-in Speaker	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, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	12 VDC (-15% to +25%)/PoE (802.3af)
Power Consumption	Basic: 2 W (without light), Max 9.5 W (light on + red and blue lights deterrence + speaker)
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 IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A12021, EN 61000-3-3:2013+A2:2021, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)
Material	Aluminum alloy body
Dimensions	188.0 × 80 × 77 mm (7.40 × 3.15 × 3.03 inch)
Net Weight	0.58 kg (1.28 lb)

Dimensions (mm)



Accessories

Optional :

	
RSN-CBK656A Junction Box	RSN-CBK627D Pole Mount