

RDM8087RAR-VZ

4 × 8MP 4-Directional Multi-sensor Network Camera



Key Features

- Four 8MP 1/2.8" STARVIS STARVIS II™ CMOS image sensor
- 4 adjustable lenses in one camera, each lens up to 8 MP (3840 × 2160) @25/30 fps
- 2.7 to 13.5 mm motorized lens
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection and capture
- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way, illegal parking, enter area, leave area, and smart motion detection and people counting
- Built-in microphone, 1/1 audio in/out, 4/2 alarm in/out
- Built-in SD card slot, up to 1TB
- Smart IR distance up to 40 m
- IP67, IK10

Technical Specification

Camera	
Image Sensor	4 × 1/2.8" Progressive Scan SONY STARVIS II™ CMOS
Max. Resolution	8MP (3840 × 2160)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Min. illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Day & Night	IR cut filter
Wide Dynamic Range	True WDR 120DB
Angle Adjustment	Pan: -180° to 180°, Tilt: 0° to 130°, Rotation: 0° to 355°
Lens	
Lens Type	Motorized focus
Iris	DC- Iris
Focal Length	2.7 to 13.5 mm
Max. Aperture	F1.6
Field of View (FOV)	H: 95.6° to 26.9°, V: 65.4° to 20.5°

Technical Specification

Illuminator	
Illuminator Type	IR
Illumination Distance	IR distance up to 40 m (131.2 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, Enter area, Leave area and Smart motion detection. Support alarm triggering by specified target types (human or vehicle).
People Counting	Support
Video and Audio	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 3840 × 2160, 2592 × 1944, 2592 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720 @25/30 fps Stream2: D1, VGA, CIF @25/30 fps Stream3: VGA, CIF, QVGA @25/30 fps
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
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)

Technical Specification

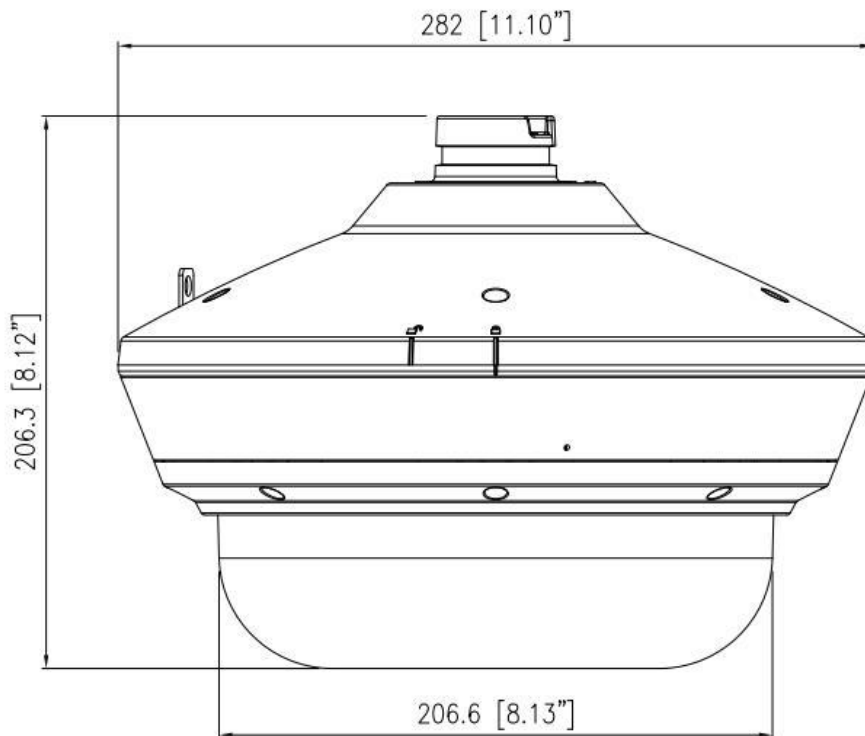
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Corridor Mode	Support
Mirror	Support
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day, Night, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	WDR, HLC, BLC, Defog
Privacy Masking	Up to 4 × 4 areas
Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Alarm Events	Alarm record, FTP upload, SMTP 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
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

Technical Specification

Interface	
Network Interface	1 Ethernet (100/1000 Base-T) RJ-45 Connector
Built-in Microphone	Support
Audio Interface	1ch Input, 1ch Output
Alarm Interface	4ch Input, 2ch Output
RS-485	1 RS-485
CVBS Interface	1 BNC interface
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	DC12V (-15% to +25%)/PoE+ (802.3at)
Power Consumption	Max. 20 W
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67, IK10
Certifications	CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-4:2019, 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	Aluminum alloy body, bubble: plastic
Dimensions	$\Phi 282 \times 206.3$ mm ($\phi 11.1 \times 8.12$ inch) , (Bracket not included)
Net Weight	4 kg (8.82 lb), (Bracket not included)

Dimensions (mm)



Accessories

Included:

RSN-CBK506A
Wall Bracket



Optional :

		
RSN-BK348A Ceiling Bracket	RSN-BK605 Corner Mount	RSN-BK604B Pole Mount
		
RSN-BK367 Junction Box	RSN-BK358 Corner Mount	RSN-BK359 Pole Mount