

RDP8086MEAC-B

8MP 180° Panoramic Turret Network Camera



Key Features

- 2×5MP 1/2.8" STARVIS II™ CMOS image sensor
- 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, people counting, smart motion detection 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)
- Built-in red and blue warning light, support sound-light warning
- Built-in microphone and speaker, 1/1 audio in/out, 1/1 alarm in/out
- Built-in SD card slot, up to 1TB
- IP66

Technical Specification

Camera	
Image Sensor	Dual 1/2.8" Progressive Scan SONY STARVIS II™ CMOS
Max. Resolution	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	IR cut filter
Wide Dynamic Range	True WDR 120DB
Angle Adjustment	Pan: 0° to 355°, Tilt: 0° to 80°, Rotation: 0° to 360°
Lens	
Lens Type	Fixed-focal lens, Dual lens: 2.4mm
Iris	Fixed Iris
Focal Length	2.4 mm
Max. Aperture	F1.6
Field of View (FOV)	Splicing mode: - H: 190°, V: 80° Multi-channel mode: - H: 112°, V: 82°
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)
Illumination On/Off Control	Support

Technical Specification

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
Heat Map	Support
Video and Audio	
Video Compression	Support H.265+/H.265/H.264+/H.264
Stream/Frame Rate	Splicing mode: - Stream1: 4224×1848, 3520×1760, 3072×1536, 2880×1440, 2560×1280, 2048×1024 @ 25/30fps - Stream2: 1920×832, 1536×576, 640×240 @ 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 - Stream3: VGA, CIF, QVGA @25/30fps
Bit Rate Control	CBR/VBR

Technical Specification

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 - 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)
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Setting	Indoor, Outdoor, Mirror
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

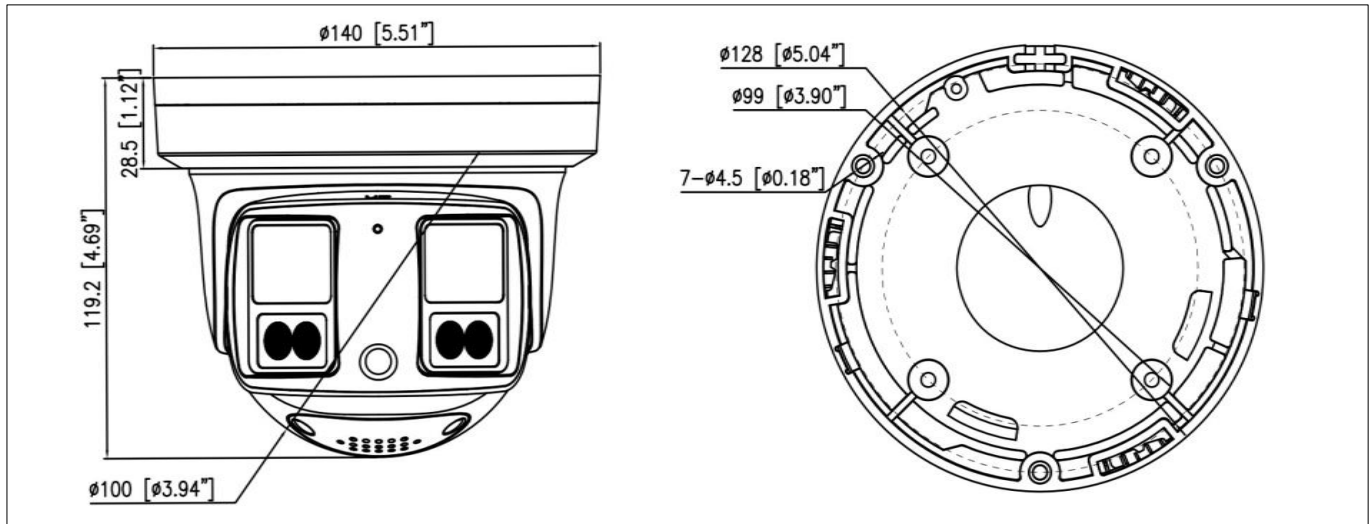
Technical Specification

Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Alarm Events	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 (100/1000 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

Technical Specification







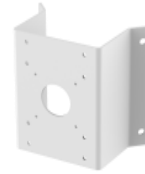
General	
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	DC12V (-15% to +25%)/PoE (802.3af)
Power Consumption	Max. 4 W (without IR) Max. (IR on + Red/Blue light + Speaker): 9 W
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE-EMC (EN 55032:2015+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, Decoration ring: plastic
Dimensions	Φ140 × 119.2 mm (φ5.51 × 4.69 inch)
Net Weight	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English

Dimensions (mm)



Accessories

Optional :

			
RSN-CBK645G Junction Box	RSN-CBK206 Pendant Cap	RSN-CBK402 Ceiling Mount	RSN-CBK501 Wall Mount
			
RSN-CBK502 Wall Mount	RSN-CBK101 Pole Mount	SN-CBK102R Corner Mount	