

RBX8084HAN-F

8MP Starlight Box Network Camera



Key Features

- 1/1.8" STARVIS™ CMOS
- 25/30fps @ 8MP(3840×2160)
- Support face, human, vehicle detection and capture
- Intelligent analysis: intrusion, single / double line crossing, loitering, wrong-way detection, Illegal parking, smart motion detection (SMD), and people counting
- True WDR, 3D DNR, ROI, Defog, HLC
- Built-in mic, 1/1 audio input/output, 1/1 alarm input/output
- Built-in micro SD card slot (up to 1 TB)
- Support auto back focus (ABF)
- Support 12 VDC / 24 VAC / PoE power supply

Technical Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	8MP, 3840(H) × 2160(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Min. illumination	Color: 0.005 Lux @ (F1.6, AGC ON) , B/W: 0.001 @ (F1.6, AGC ON)
Day & Night	Auto (ICR)
Wide Dynamic Range	True WDR
Lens	
Lens Mount	C/CS mount
Iris Type	Fixed Iris, DC-IRIS
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	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 3840×2160, 2592×1944, 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @25/30fps Stream2: D1, VGA, CIF @25/30fps Stream3: VGA, CIF, QVGA @25/30fps
Bit Rate Control	CBR/VBR

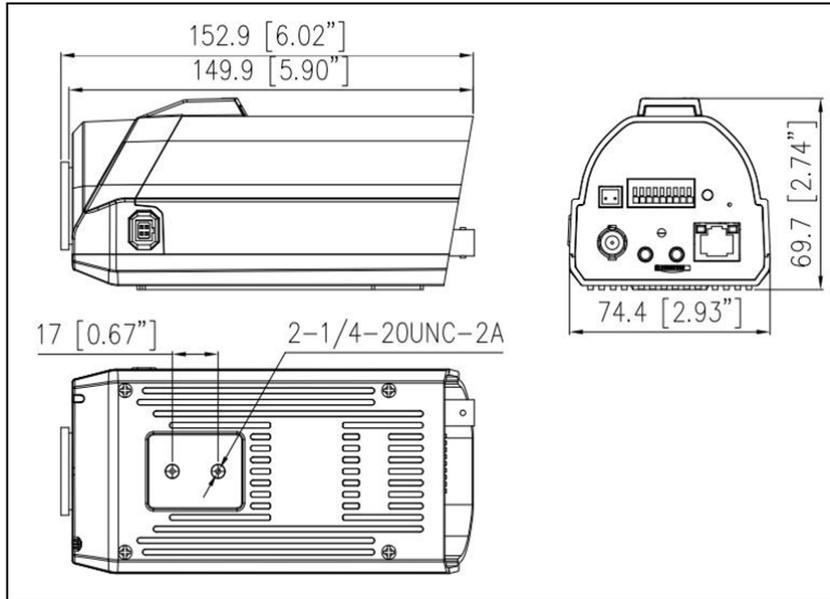


Bit Rate	Stream1: 200 Kbps to 16 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 Kbps to 3 Mbps
Smart Encoder	Support
Region of Interest (ROI)	Off/On (8 Zone, Rectangle)
Audio Compression	G.711 A-law, G.711 μ -law, RAW PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Mode	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, Time
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, WDR
Privacy Masking	4 areas
Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Abnormal sound detection
Alarm Events	Alarm record, Alarm output, FTP upload, SMTP upload, 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
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 RJ45 10 M/100 M self-adaptive Ethernet port
Built-in Microphone	Support
Audio Interface	1ch input (line in), 1ch output (line out)
Alarm Interface	1ch input, 1ch output
RS-485	1 RS-485
BNC Interface	1ch (CVBS output)
SD Card Slot	Built-in, up to 1 TB
Reset Button	Support

General	
Language	English, Chinese, Traditional Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Japanese, Korean. Default: English
Power Supply	12 VDC / 24 VAC (-10% to +25%) / PoE (802.3af)
Power Consumption	Typical: 4 W (12 VDC) / approx. 5.8 W (PoE) Max (Focusing): 6.4 W (12 VDC) / approx. 8.2 W (PoE)
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	N/A
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-4, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4 FCC 47 CFR Part 15 Subpart B
Material	Aluminum alloy
Dimensions	152.9 × 74.4 × 69.7 mm (6.02 × 2.93 × 2.74 inch)
Net Weight	0.4 kg (0.88 lb)

Dimensions (mm)



Accessories

Optional :

			
RCH515 Housing	RBK385 Wall Mount	RMTGZ3816 Lens	RMTGZ1150 Lens