

RPH8046KBA1-S1B

4MP Separated Network Camera



- 1/2.8" progressive scan CMOS
- 2.8mm fixed lens
- 25fps @ 4MP (2560x1440)
- Support face, human and vehicle detection
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way
- True WDR, 3D DNR, ROI, HLC, BLC
- 2/1 alarm input/output, 1/1 audio input/output
- Built-in SD card slot
- Support 12 VDC/PoE supply power

Technical Specification

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	4MP (2560x1440)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Min. illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0.001 Lux (F2.0, AGC ON)
Wide Dynamic Range	True WDR

Lens

Lens Type	Fixed-focal
Iris	Fixed Iris
Focal Length	2.8mm
F Number	F2.0
Angle of View	H: 113.7°, V: 59.6°

Video

Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2560x1440, 1920x1080, 1280x720 @ 25fps Stream2: D1, VGA, 640x360, CIF, QVGA @ 25fps Stream3: VGA, CIF, QVGA @ 25fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 100kbps to 6Mbps Stream2: 100kbps to 6Mbps Stream3: 100kbps to 3Mbps
Region of Interest	Off/On (8 Zone, Rectangle)
Smart Encode	Support

Image

Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Aisle Mode	Support
Mirror	Support
White Balance	Auto/Manual
Day/Night Setting	Auto, Day
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, WDR
S/N Ratio	55dB
Motion Detection	Support
Privacy Masking	4 areas

Audio

Compression	G.711, RAW_PCM
Bit Rate	8Kbps, 16Kbps, 64Kbps

Smart Function

Multi-Object Detection	Supports face, human and vehicle detection
Intelligent Analytics	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way Support alarm triggering by specified target types (human and vehicle)

Network

Protocols	IPv4/IPv6, RTSP/RTP/RTCP, TCP/UDP, HTTPS, DHCP, DNS, DDNS, PPPoE, SMTP, 802.1x
Interoperability	ONVIF, SDK, CGI
Streaming Method	Multicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English

Interface

Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Alarm Interface	2ch Input, 1ch Output
CVBS Interface	Customizable
Reset Button	Support
SD Card Slot	Built-in, up to 256GB

Electrical

Power Supply	DC12V (-15% to +25%)/PoE (IEEE 802.3af)
Power Consumption	Max 2.5W
Operating Temperature	-30°C to +55°C (-22°F to +131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	N/A
Certifications	CE/FCC/NDA 889
Casing	Metal + Plastic
Dimensions	Camera: 34.0 x 22 x 22 mm (1.34 x 0.87 x 0.87 inch) Main body: 86.0 x 75.1 x 33.5 mm (3.39 x 2.96 x 1.32 inch)
Net Weight	0.22Kg (0.49lb)
Length of Lens Cable	2m (6.6ft.) standard length, expandable with extra 4m (13.12ft.) using Cat5 or higher-grade Ethernet cables

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Dimensions (mm[inch])

