IKEGAWA

IK-B4907FW-PZ

4MP Ultra Starlight Full-color Varifocal Bullet Network Camera

Key Features

- 1/1.8" STARVIS™ CMOS

- Max. 4MP(2688×1520) @25/30fps resolution

- Support face, human, vehicle detection and capture

- Intelligent analysis: intrusion, single / double line crossing, loitering, wrong-way detection, smart motion detection, and people counting

- True WDR, 3D DNR, ROI, HLC, BLC, Defog

- Built-in warm lights, illumination distance up to 40m or 60m

- Built-in mic and speaker, 1/1 audio input/output, 1/1 alarm input/output

- Built-in micro SD card slot (up to 1 TB)

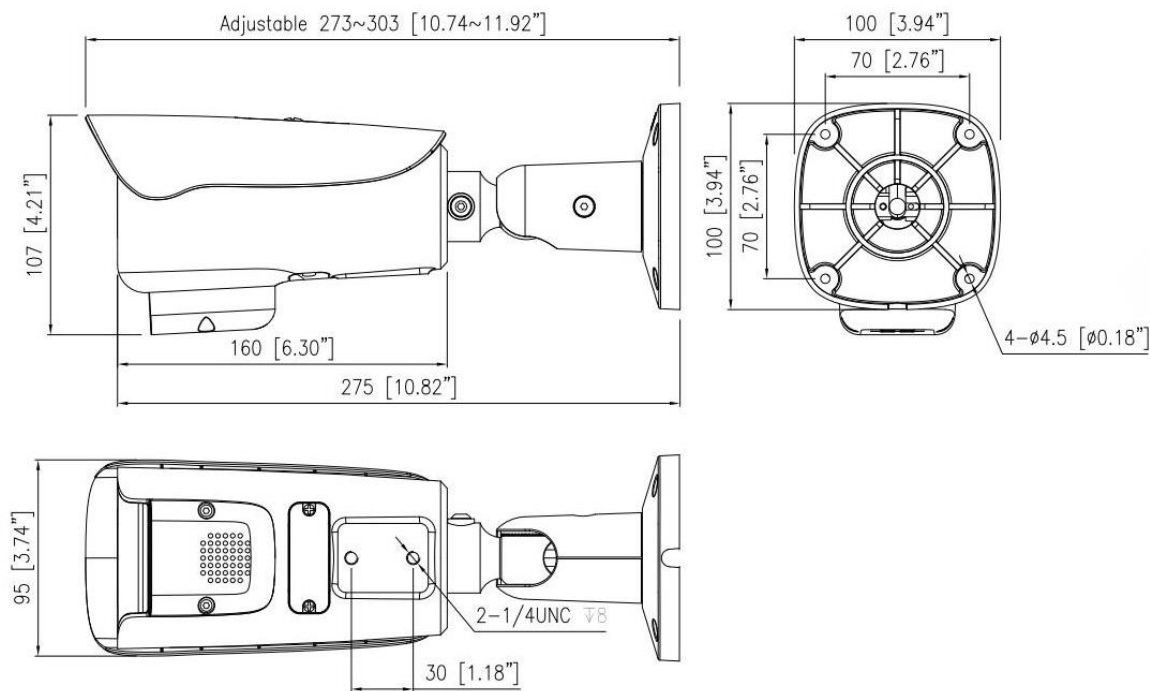- Support 12VDC/0.25A power output

- IP66 protection

Specification

Camera

Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	4MP, 2560H) × 1440(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Min. illumination	Color: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with light on
Day & Night	Fixed filter
Wide Dynamic Range	True WDR
Angle Adjustment	Pan: 0˚ to 360˚, Tilt: 0˚ to 90˚, Rotation: 0˚ to 360˚

Lens

Lens Type	Varifocal lens, Motorized focal
Iris	Auto Iris
Focal Length	4.5 to 8 mm and 8 to 32 mm optional
Max. Aperture	F1.0
Field of View (FOV)	4.5 to 8 mm, - H: 101° to 57.5°, V: 52.7° to 32° 8 to 32 mm, - H: 39.7° to 16°, V: 22.6° to 9.2°

DORI Distance

DORI Distance	4.5 to 8 mm: - Wide - D: 69 m (226.4 ft), O: 27.6 m (90.6 ft), R: 13.8 m (45.3 ft), I: 6.9 m (22.6 ft) - Tele - D: 113 m (370.7 ft), O: 45.2 m (148.3 ft), R: 22.6 m (74.1 ft), I: 11.3 m (37.1 ft) 8 to 32 mm: - Wide - D: 159 m (521.7 ft), O: 63.6 m (208.7 ft), R: 31.8 m (104.3 ft), I: 15.9 m (52.2 ft) - Tele - D: 370 m (1,213.9 ft), O: 148 m (485.6 ft), R: 74 m (242.8 ft), I: 37 m (121.4 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	Warm light
Illumination Distance	4.5 to 8 mm, Up to 40 m (131.2 ft) 8 to 32 mm, Up to 60 m (196.9 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 detection, 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: 2688×1520, 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 12 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, RAM 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 Actions	Alarm record, SMTP upload, FTP 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

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
Power Output	12VDC/0.25A output

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 11 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 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 + plastic
Dimensions	303 × 100 × 107 mm (11.9 × 3.94 × 4.21 inch)
Net Weight	1.25 kg (2.76 lb)

Dimensions (mm)

Accessories

Optional:

IK-AJ45G Junction Box	IK-AP27D Pole Mount	IK-AP01 Pole Mount	IK-ACR02 Corner Mount