



# IK-A4871F-F

## 4MP Starlight Box Network Camera

### Key Features

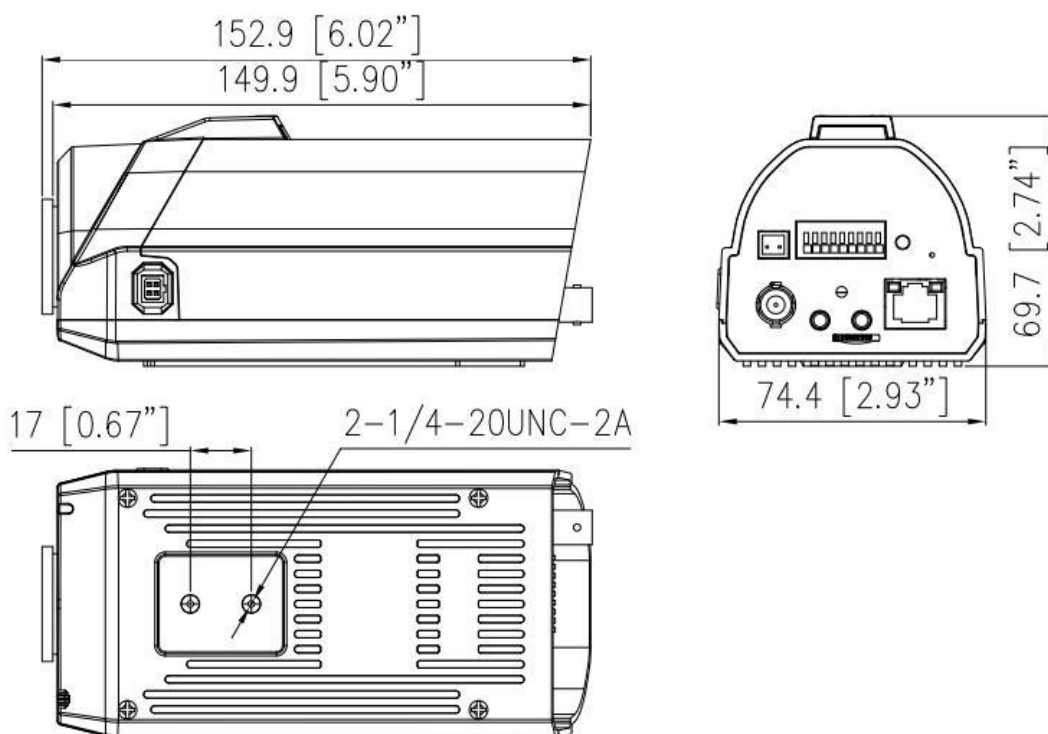
- 1/1.8" STARVIS™ CMOS
- Max. 4MP(2688×1520) @50/60 fps resolution
- Support face, human, vehicle detection and capture
- Intelligent analysis: intrusion, single / double line crossing, loitering, wrong-way detection, Illegal parking, smart motion detection (SMD), and people counting
- True WDR, 3D DNR, 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)
- Supports 12 VDC / 24 VAC / PoE power supply

## Specification

| Camera                   |  |
|--------------------------|--|
| Image Sensor             | 1/1.8" Progressive Scan CMOS   |
| Max. Resolution          | 4MP, 2688(H) × 1520(V)   |
| Electronic Shutter       | Auto/Manual, 1/5 to 1/100,000 s  |
| Min. illumination        | Color: 0.0025 Lux @ (F1.2, AGC ON) , B/W: 0.0005 @ (F1.2, AGC ON)  |
| Day & Night Switch       | 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.<br>Supports multiple frame modes: Full Frame, Four-corner Frame, and Mosaic.  |
| Intelligent Analysis     | Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way detection, Illegal parking, and Smart motion detection<br>Support alarm triggering by specified target types (human and vehicle) |
| People Counting          | Supported  |
| Video and Audio          |  |
| Streaming Capability     | 3 Streams  |
| Stream/Frame Rate        | Stream1: 2688×1520, 1920×1080, 1280×720 @50/60 fps<br>Stream2: D1, VGA, CIF @ 25/30 fps<br>Stream3: VGA, CIF, QVGA @ 25/30 fps   |
| Bit Rate Control         | CBR/VBR  |
| Bit Rate                 | Stream1: 200 kbps to 16 Mbps<br>Stream2: 100 kbps to 6 Mbps<br>Stream3: 100 kbps to 3 Mbps   |
| Smart Encoder            | Supported  |
| 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 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, Time   |
| Noise Reduction          | 2D/3D DNR  |

|                        |  |
|------------------------|--|
| Image Enhancement      | HLC, BLC, Defog, WDR   |
| Privacy Masking        | 4 areas  |
| <b>Event</b>           |  |
| Alarm Triggers         | IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection                                    |
| Event Actions          | Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output  |
| <b>Network</b>         |  |
| 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   |
| <b>Interface</b>       |  |
| Network Interface      | 1 RJ45 10 M/100 M self-adaptive Ethernet port  |
| Built-in Microphone    | Supported  |
| Audio Interface        | 1ch input (line in), 1ch output (line out)   |
| Alarm Interface        | 1ch input, 1ch output  |
| I/O 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           | Supported  |
| <b>General</b>         |  |
| 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)<br>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<br>- EN 55032, EN IEC 61000-6-4, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4<br>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:

| IK-AH515<br>Housing   | IK-AW385<br>Wall Mount  | IK-3816MA-8M<br>Lens   | IK-1250MA-5M<br>Lens  |
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