

IPC-B469HAA-LU(F)(/SL)(/SRB)  
6 MP ColorVu 3.0 Fixed Bullet Network Camera

ColorVu 3.0



- HikAI-ISP for excellent noise reduction effect
- Super clear 24/7 colorful imaging with ColorVu 3.0 technology
- High quality imaging with 6 MP resolution
- Motion Detection 3.0 supports Human and Vehicle Detection
- Built-in microphone for real-time audio security
- Smart Hybrid Light: advanced technology with long range
- -F: Support on-board storage up to 512 GB (SD card slot) (Optional)
- Water and dust resistant (IP67)

## ▪ Specification

| Camera                      |                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/2.4" Progressive Scan CMOS                                                                                                                 |
| Max. Resolution             | 3200 × 1800                                                                                                                                  |
| Min. Illumination           | Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light                                                                                         |
| Shutter Time                | 1 s to 1/100,000 s                                                                                                                           |
| Day & Night                 | IR cut filter                                                                                                                                |
| Angle Adjustment            | Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°                                                                                        |
| Lens                        |                                                                                                                                              |
| Lens Type                   | Fixed focal lens, 2.8 and 4 mm optional                                                                                                      |
| Focal Length & FOV          | 2.8 mm, horizontal FOV 109°, vertical FOV 60°, diagonal FOV 130°<br>4 mm, horizontal FOV 89°, vertical FOV 49°, diagonal FOV 105°            |
| Lens Mount                  | M12                                                                                                                                          |
| Iris Type                   | Fixed                                                                                                                                        |
| Aperture                    | F1.0                                                                                                                                         |
| Depth of Field              | 2.8 mm: 1.9 m to ∞ 4 mm: 2.4 m to ∞                                                                                                          |
| DORI                        |                                                                                                                                              |
| DORI                        | 2.8 mm, D: 68 m, O: 27 m, R: 13 m, I: 6 m<br>4 mm, D: 83 m, O: 33 m, R: 16 m, I: 8 m                                                         |
| Illuminator                 |                                                                                                                                              |
| Supplement Light Type       | IR, White Light                                                                                                                              |
| Supplement Light Range      | Up to 50 m                                                                                                                                   |
| Smart Supplement Light      | Yes                                                                                                                                          |
| IR Wavelength               | 850 nm                                                                                                                                       |
| Video                       |                                                                                                                                              |
| Main Stream                 | 50 Hz:<br>20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)<br>60 Hz:<br>20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) |
| Sub-Stream                  | 50 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360)                                         |
| Video Compression           | Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG                                                                        |
| Video Bit Rate              | 32 Kbps to 16 Mbps                                                                                                                           |
| H.264 Type                  | Baseline Profile, Main Profile, High Profile                                                                                                 |
| H.265 Type                  | Main Profile                                                                                                                                 |
| Bit Rate Control            | CBR, VBR                                                                                                                                     |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding                                                                                                                     |
| Region of Interest (ROI)    | 1 fixed region for main stream and sub-stream                                                                                                |
| Audio                       |                                                                                                                                              |
| Audio Type                  | Mono sound                                                                                                                                   |
| Audio Compression           | G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC/MP3                                                                                       |
| Audio Bit Rate              | 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)                                              |
| Audio Sampling Rate         | 8 kHz/16 kHz                                                                                                                                 |
| Environment Noise Filtering | Yes                                                                                                                                          |

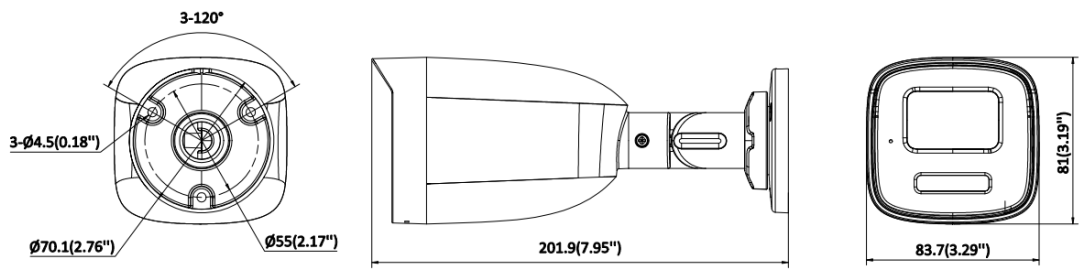
| Network                  |                                                                                                                                                                                                                        |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protocols                | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IPv4, IPv6, IGMP, UDP, QoS, FTP, SMTP, UPnP                                                                                                                       |
| Simultaneous Live View   | Up to 6 channels                                                                                                                                                                                                       |
| API                      | ONVIF (ProfileS, ProfileG, ProfileT), ISAPI, SDK                                                                                                                                                                       |
| User/Host                | Up to 32 users<br>3 user levels: administrator, operator, and user                                                                                                                                                     |
| Security                 | Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address) |
| Client                   | iVMS-4200, HiLookVision                                                                                                                                                                                                |
| Web Browser              | Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+                                                                                                                         |
| Image                    |                                                                                                                                                                                                                        |
| Image Settings           | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser                                                                                            |
| Day/Night Switch         | Day, Night, Auto, Schedule                                                                                                                                                                                             |
| Wide Dynamic Range (WDR) | 120 dB                                                                                                                                                                                                                 |
| SNR                      | ≥ 52 dB                                                                                                                                                                                                                |
| Image Enhancement        | BLC, HLC, 3D DNR                                                                                                                                                                                                       |
| Privacy Mask             | 4 programmable polygon privacy masks                                                                                                                                                                                   |
| Transducer               |                                                                                                                                                                                                                        |
| Transducer Type          | NA                                                                                                                                                                                                                     |
| Detection Angle          | NA                                                                                                                                                                                                                     |
| Detection Range          | NA                                                                                                                                                                                                                     |
| Interface                |                                                                                                                                                                                                                        |
| Ethernet Interface       | 1 RJ45 10 M/100 M self-adaptive Ethernet port                                                                                                                                                                          |
| On-Board Storage         | -LU : NA    -LUF/S(L)(RB) : Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB                                                                                                          |
| Built-in Microphone      | Yes, 1 built-in microphone                                                                                                                                                                                             |
| Built-in Speaker         | -LU: NA<br>-LUF/S(L)(RB): Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 95 dB                                                                                                                       |
| Audio                    | NA                                                                                                                                                                                                                     |
| Alarm                    | NA                                                                                                                                                                                                                     |
| Reset Key                | -LU : NA<br>-LUF/S(L)(RB) : YES                                                                                                                                                                                        |
| Event                    |                                                                                                                                                                                                                        |
| Basic Event              | Motion detection (support alarm triggering by specified target types (person and vehicle)), video tampering alarm, exception                                                                                           |
| Linkage                  | -LUF/S(L)(RB): Upload to memory card, upload to FTP, trigger recording, notify surveillance center, send email, trigger capture<br>-LU: Upload to FTP, notify surveillance center, send email, trigger capture         |

| General                          |                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power                            | -LU: 12 VDC $\pm$ 25%, 0.57 A, max. 6.84 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 8.3 W,<br>-LUF/S(L)(RB): 12 VDC $\pm$ 25%, 0.73 A, max. 8.8 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 10.7 W |
| Material                         | Front cover: Metal, body: Plastic, bracket: Metal                                                                                                                                                                                                                                                                               |
| Dimension                        | 81 mm $\times$ 83.7 mm $\times$ 211 mm (3.17" $\times$ 3.29" $\times$ 8.31")                                                                                                                                                                                                                                                    |
| Package Dimension                | 260 mm $\times$ 125 mm $\times$ 125 mm (10.2" $\times$ 5.0" $\times$ 5.0")                                                                                                                                                                                                                                                      |
| Weight                           | -LU: Approx. 440 g (0.97 lb.)<br>-LUF: Approx. 470 g (1.04 lb.)<br>-LU(F)/SL: Approx. 520 g (1.15 lb.)<br>-LU(F)/SRB: Approx. 520 g (1.15 lb.)                                                                                                                                                                                  |
| With Package Weight              | -LU: Approx. 580 g (1.28 lb.)<br>-LUF: Approx. 620 g (1.37 lb.)<br>-LU(F)/SL: Approx. 650 g (1.43 lb.)<br>-LU(F)/SRB: Approx. 650 g (1.43 lb.)                                                                                                                                                                                  |
| Storage Conditions               | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)                                                                                                                                                                                                                                                       |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)                                                                                                                                                                                                                                                       |
| Language                         | English, Russian, Ukrainian, Arabic, Spanish, French, Portuguese, Turkish, Polish, German                                                                                                                                                                                                                                       |
| General Function                 | Heartbeat, mirror, flash log, password reset via email, password protection, anti-banding                                                                                                                                                                                                                                       |
| Flashing Light                   | -LU : NA<br>-LUF/SL : White Light<br>-LUF/SRB : Red and Blue Light                                                                                                                                                                                                                                                              |
| Approval                         |                                                                                                                                                                                                                                                                                                                                 |
| EMC                              | CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021                                                                                                                                                                                                        |
| Safety                           | CB: IEC 62368-1:2014+A11                                                                                                                                                                                                                                                                                                        |
| Environment                      | CE-RoHS: 2011/65/EU,<br>WEEE: 2012/19/EU,<br>Reach: Regulation (EC) No 1907/2006                                                                                                                                                                                                                                                |
| Protection                       | IP67: IEC 60529-2013                                                                                                                                                                                                                                                                                                            |

## ▪ Available Model

IPC-B469HAA-LU(2.8mm)  
 IPC-B469HAA-LU(4mm)  
 IPC-B469HAA-LUF/SRB(2.8mm)  
 IPC-B469HAA-LUF/SRB(4mm)  
 IPC-B469HAA-LUF/SL(2.8mm)  
 IPC-B469HAA-LUF/SL(4mm)

## ▪ Dimension

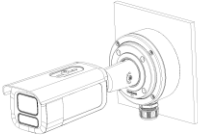
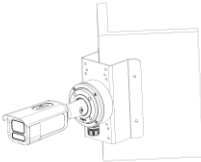
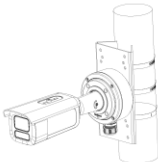


Unit: mm (inch)

- Accessory
- Optional

| DS-1280ZJ-XS                                                                        | DS-1276ZJ-SUS                                                                       | DS-1275ZJ-SUS                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |

▪ Installation Methods

| Junction Box<br>DS-1280ZJ-XS                                                        | Corner Mounting<br>DS-1276ZJ-SUS+DS-1280ZJ-XS                                       | Vertical Pole<br>Mounting<br>DS-1275ZJ-SUS+DS-1280ZJ-XS                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |

# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)



© Hangzhou Hikvision Digital Technology Co., Ltd. Unless otherwise agreed, Hikvision makes no warranties, express or implied. We reserve the right to introduce modifications without notice.

# HiLook