IPC-B169HA-LUF/S(L)(RB)

6 MP ColorVu with Smart Hybrid Light Fixed Bullet Network Camera

ColorVu





- High quality imaging with 6 MP resolution
- 24/7 colorful imaging
- Support Person and Vehicle Detection
- Smart Hybrid Light: advanced technology with long range cover
- Provide real-time security via built-in two-way audio and strobe light alarm
- Efficient H.265+ compression technology
- Support on-board storage up to 512 GB (SD card slot)
- Water and dust resistant (IP67)

▪ Specification

Camera	
Image Sensor	1/2.4" Progressive Scan CMOS
Max. Resolution	3200 × 1800
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON),0 Lux with light
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°,tilt: 0° to 90°,rotate: 0° to 355°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 115°, vertical FOV 60°, diagonal FOV 144° 4 mm, horizontal FOV 94°, vertical FOV 50°, diagonal FOV 112°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.0
DORI	
DORI	2.8 mm, D: 64 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m
Illuminator	
Supplement Light Type	IR,White Light
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) 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
Audio	
Audio Type	Mono sound
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC
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 (Profile S, Profile G, Profile T),ISAPI,SDK
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)
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Client	iVMS-4200,HiLookVision
Web Browser	Local service: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+
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
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	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	1 built-in speaker, Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 98 dB.
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (person and vehicle)), video tampering alarm, exception
Linkage	Upload to memory card, upload to FTP, trigger recording,notify surveillance center,send email,trigger capture
General	
Power	12 VDC ± 25%, 0.68 A, max. 8.2 W,Ø5.5 mm coaxial power plug,reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 9.9 W
Material	Front cover: metal, body: plastic, bracket: plastic
Dimension	179 mm × 69.1 mm × 67.4 mm (7.05" × 2.72" × 2.65")
Package Dimension	150 mm × 150 mm × 141 mm (5.91" × 5.91" × 5.55")
Weight	Approx. 320 g (0.7 lb.)
With Package Weight	Approx. 540 g (1.2 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, Ukrainian
General Function	Heartbeat,mirror,flash log,password reset via email,password protection,anti-banding

Flashing Light	/SRB model: Red and Blue Light /SL model: White 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, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection	IP67: IEC 60529-2013

▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	**Description**
Top-level protection	Hikvision products that are suitable for applications where the equipment is exposed to severe corrosive atmosphere with a long coastline or heavy industrial areas.

	is level area equipped for use in area where professional a

	nti-corrosion protection is a must. Typical applications scena

	rosinclude coastlines, docks, chemical plants, and mor

	e.
Moderate protection	Hikvision products at this level are equipped for use in

	areaswithmoderateanti-corrosiondemandds.Typicalappli

	cationscenariosincludecoastalareasaboutkilometers

	(1.24miles) away from coastlines, as well as areas affecte

	d b y a c i d r a i n .
No specific protection	H i k v is i o n p r o d u c t s a t t h is l e v e l a r e e q u i p p

	edforuseinareaswhereno specificanti-corrosionprotec

	tionisneeded.

▪ Available Model

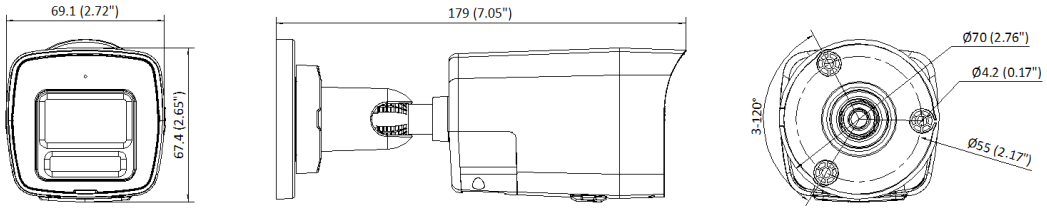
IPC-B169HA-LUF/SL(2.8mm)

IPC-B169HA-LUF/SL(4mm)

IPC-B169HA-LUF/SRB(2.8mm)

IPC-B169HA-LUF/SRB(4mm)

▪ Dimension



Unit: mm (inch)

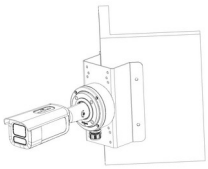
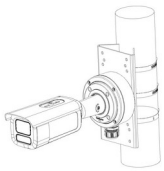
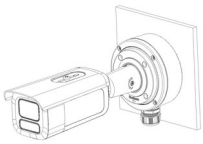
▪ Accessory

▪ Optional

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

- **Installation Methods**

Corner Mounting DS-1276ZJ-SUS+DS-1280ZJ-XS	Vertical Pole Mounting DS-1275ZJ-SUS+DS-1280ZJ-XS	Junction Box DS-1280ZJ-XS
		

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