

IPC-HFW3449EP-AS-LED-0360B

- 4-megapixel Full Color IP video kamera designed for installation in external security systems
- Pixels: 2688 × 1520
- LED distance=30 m
- Video compression:H. 265; H. 264; H. 264H; H. 264B; MJPEG; BLC; WDR; 3D DNR
- Built-in Microphone
- IP67

Type	IP
Megapixel	4 MP
Objective	Motionless
Focus	3.6 mm
Lighting	LED
Lighting distance	30 m
Microphone	Mic
Protection	IP67
Material	Metal



Detailed

Model	IPC-HFW3449EP-AS-LED-0360B
Camera	
The matrix	1/2. 7 " 4 MP Progressive Scan CMOS
Italic pixels	2688 ×1520
ROM	128 MB
RAM	512 MB
Scanning system	Progressive
Electronic shutter speed	Auto / Manual 1 / 3 s - 1 / 100, 000 s
Mines. lighting	0.003 Lux F1. 0

Signal-To-Noise Ratio	> 56 dB			
LED distance	30 m (98.4 ft)			
Illumination Control On / Off	Auto / Manual			
Number of LEDs	1 (Warm LED)			
Pan / Tilt / Rotate Range	Horizontal:0° - 360 °; Vertical: 0° - 90 °; Rotation:0° - 360°			
Lens				
Lens Type	Fixed			
Focal length	3.6 mm			
Max. aperture	F1.0			
Viewing angle	Horizontally:80° × Vertical:43° × Diagonal:95°			
IR Type	Fixed			
Closed focal length	2.4 m (7.9 ft)			
DOPE Distance	Detection	Notification	Speech recognition	Identification
	80.0 m (262.5 ft)	32.0 m (105.0 ft)	16.0 m (52.5 ft)	8.0 m (26.3 ft)
Professional, Intellectual properties				
Perimeter protection	Stretching, Intrusion (Vehicle and person recognition)			
Smart Search	Works together with Smart NVR to perform accurate intelligent search, event extraction, and combining with event video			
Video				
Video compression	H. 265; H. 264; H. 264H; H. 264B; MJPEG (supported only by an additional stream)			
Smart Codec	Smart H.265+ / Smart H.264+			
Video Frame Rate	Main stream:(2688 × 1520 1 – 25 / 30 fps) Additional stream:(704 × 576 1 – 25 / 704 × 480 1 - 30 fps) Third stream:(1280 × 720 1 – 25 / 30 fps)			
Streaming capabilities	3 streams			

Permission	4M (2688 × 1520); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576 / 704 × 480); VGA (640 × 480); CIF (352 × 288 / 352 × 240)
Data transfer rate monitoring	CBR; VBR
Video Transfer rate	H.264:3 kbps – 8192 kbps H.265:3 kbps – 8192 kbps
Day / Night	Color / B / W
BLC	There are
WDR	120 dB
White Balance	Auto / Natural Light / Street Lamp / Outdoor activities / Manually / Regionally
Gain control	Auto / Manual
Noise reduction	3D DNR
Motion Detection	Off / On (4 Zones, Rectangle)
Area of Interest (RoI)	Yes (4 Zones)
Smart Lighting	There are
Rotate the frame	0 ° / 90 ° / 180 ° / 270 ° (Supports 90 ° / 270 ° with a resolution of 1920 × 1080 and lower.)
Display	There are
Privacy Mask	4 Zones
Audio	
Built-in microphone	There are
Audio compression	G.711a; G.711Mu; G726
Anxiety	
Disturbing events	No SD card; SD card is full; SD card error; Less SD card maintenance time (smart card support); Network disconnection; IP conflict; Illegal access; Voltage detection; Security exception; Motion detection; Video violation; Scene change; Input abnormal; Intensity change; Stretching; Intrusion; SMD
Network	
Network	RJ-45 (10 / 100 Base-T)

SDK and API	There are
Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Многоадресная рассылка; ICMP; IGMP; NFS; PPPoE; SNMP
Cyber Security	Video encryption; Firmware encryption; Configuration Encryption; Digest; WSSE; Account Lockout; Security Logs; IP / MAC Filtering; X. 509 Certificate Generation and Import; System Log; HTTPS; 802.1 x; Trusted Download; Trusted Execution; Trusted Update
Compatibility	ONVIF (Profile S / Profile G / Profile T); CGI; P2P; Milestone; Genetec
Self-adaptation of the scene	There are
User / Host	20 (Total throughput:64 M)
Keeping	FTP; SFTP; Micro SD card (support max. 256 GB); NAS
Browser	IE:IE8; IE9; IE11 Chrome Firefox
Management software	Smart PSS; DSS; DMSS
Smartphones	IOS; Android
Port	
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	1 channel in:5 mA 3-5 VDC
Alarm Output	1 channel output:300mA 12VDC
Certificates	
Certificates	CE-LVD:EN62368-1 CE-EMC:Electromagnetic Compatibility Directive 2014/30 / EU CSA C22.2 No. 60950-1-07
Protection	
Degree of protection	IP67
Environment	
Operating conditions	-40 ° C to + 60 ° C (-40 ° F to +140 ° F) / Less than 95%

Storage conditions	-40 ° C to + 60 ° C (-40 ° F to +140 ° F)
Electrical properties	
Power supply	12V DC / PoE
General information	
Body	Metal
Colour	White
Mounting type	M12
Sizes	192.7 mm × 70.5 mm × 66.4 mm (7.6" × 2.8" × 2.6")
Net Weight	590g (1.3 lb)
Gross Weight	780 g (1.7 lb)