IPC-HFW3449EP-AS-NI-0360B

- 4-megapixel IP video kamera, for installation in external security systems
- Pixels: 2688 × 1520
- Video compression:H. 265; H. 264; H. 264H; H. 264B; MJPEG (supported only in add.stream); BLC; WDR; 3D DNR
- Fixed lens
- F=3.6 mm
- IP67

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

Detailed

Model	**IPC-HFW3449EP-AS-NI-0360B**
Camera	
The matrix	1/2. 7" 4 MP Progressive Scan CMOS
Effective 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				
Pan / Tilt / Rotate Range	Pan:0° - 360°; Tilt:0° - 90°; Rotation:0° - 360°				
Lens					
Lens Type	Fixed				
Focal length	3.6 mm				
Max. aperture	F1.0				
Viewing angle	80°				
IR Type	Fixed				
Closed focal length	2.4 m (7.9 ft)				
DOPE Distance	Lens	Detection	Notification	Speech recognition	Identification
	3.6 mm	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 (Recognizing vehicles and people)				
Smart Search	Work together with Smart NVR to perform accurate intelligent search, event extraction, and integration with video events				
Video					
Video compression	H. 265; H. 264; H. 264H; H. 264B; MJPEG (supported only by an additional stream)				
Smart Codec	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)				

Managing the bitrate	CBR; VBR
Video bitrate	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 / 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)
Rotate an image	0 ° / 90 ° / 180 ° / 270 ° (Support 90 ° / 270 ° with a resolution of 1920 × 1080 and below)
Display	There are
Mask. privacy policy	4 Zones
Audio	
Built-in microphone	There are
Audio compression	G.711a; G.711Mu; G726; AAC
Anxiety	
Disturbing events	No SD card; SD card is full; SD card error; Less SD card maintenance time (smart card support); Network outage; IP conflict; Illegal access; Voltage detection; Security exception; Motion detection; Video violation; Scene change; Abnormal input; Intensity change; Stretching; Intrusion; SMD
Network	
Network	RJ-45 (10 /100 Base-T)
SDK and API	There are
Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS;

	QoS; UPnP; NTP; Многоадресная рассылка; ICMP; IGMP; NFS; PPPoE; 802.1x; SNM
Compatibility	ONVIF (Profile S / profile G); CGI; P2P; Milestone; Genetec
Self-adaptation of the scene	There are
User / Host	20 (Total throughput:64 MB)
Keeping	FTP; SFTP; Micro SD card (Support max. 256 GB.); Dahua Cloud; NAS
Web Browsing	IE: IE8; IE9; IE11 Chrome Firefox
Management software	Smart PSS; DSS; DMSS
Smartphones	IOS; Android
Certificates	
Certificates	CE-LVD:EN62368-1 CE-EMC:Electromagnetic Compatibility Directive 2014/30 / EU FCC:47 CFR FCC, Part 15, Subsection B UL / CUL:UL60950-1 CAN / CSA C22.2 No. 60950-1-07
Ports	
Audio input	1 channel (RCA Port)
Audio output	1 channel (RCA Port)
Alarm input	1 channel input:5mA 3V-5V DC
Alarm output	1 channel output:300mA 12V DC
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
Mounting type	M12
Colour	White
Sizes	192.7 mm× 70.5 mm × 66.4 mm (632.2" × 231.3" × 217.8")
Net Weight	590g (1.3 lb)
Gross Weight	780 g (1.7 lb)