

DH-IPC-HFW2449SP-S-IL-0280B

DH-IPC-HFW2449SP-S-IL-0280B 4MP 30M Full-color Mic IR Bullet Kamera

- 4-megapixel IP video camera designed for installation in external security systems
- Pixels: 2688 × 1520
- Lighting distance=30 m
- F=2.8 mm
- Video compression:H. 264H; H. 265; H. 264; H. 264B; MJPEG; BLC; HLC; WDR; 3D NR
- IP67

Type	IP
Megapixel	4 MP
Objective	Motionless
Focus	2.8 mm
Lighting	IR
Lighting distance	30 m
Protection	IP67
Material	Metal



Detailed

Model	IPC-HFW2449SP-S-IL-0280B
Camera	
The matrix	1/2.9" CMOS
Effective pixels	2688 × 1520
ROM	128 MB
RAM	128 MB
Scanning system	Progressive

Electronic shutter speed	Auto / Manual 1 / 3 seconds- 1 / 100 000 with				
Mines. lighting	0.008 Lux at F1. 6 (Color, 30 IRE) 0.0008 Lux at F1. 6 (B / W, 30 IRE) 0 Lux (IR On)				
Signal-To-Noise Ratio	>56 dB				
Lighting distance	30m (98.43 ft) (IR), 30m (98.43 ft) (Warm light)				
Lighting Control On / Off	Auto / Manual				
Number of LEDs	1 (IR LED); 1 (Warm light)				
Pan / Tilt / Rotate Range	Pan:0° - 360° Tilt: 0° - 90° Rotation:0° - 360°				
Lens					
Lens Type	Fixed				
Mounting the lens	M12				
Focal length	2.8 mm				
Max. aperture	F1.6				
Viewing angle	Horizontal:95°; Vertical: 52°; Diagonal:114°				
IR Type	Fixed				
Closed focal length	0.9 m (2.95 ft)				
DOPE Distance	Lens	Detection	Notification	Speech recognition	Identification
	2.8 mm	63.6 m (208.66 ft)	25.4 m (83.33 ft)	12.7 m (41.67 ft)	6.4 m (20.99 ft)
Intellectual properties					
IVS (Perimeter Protection)	Intrusion, tripwire (two functions support classification and accurate detection of vehicles and people)				
Smart Search	Works together with Smart NVR to perform accurate intelligent search, extract events, and combine them with event videos.				
Video					
Video compression	H. 264H; H. 265; H. 264; H. 264B; MJPEG (Supported only by an additional				

	stream)
Smart Codec	Smart H.265+; Smart H.264+
Video Frame Rate	Main stream: 2688 × 1520 (1-20 fps) / 2566 × 1440 (1-25 / 30 fps) Additional stream: 704 × 576 (1-25 fps) / 704 × 480 (1-30 fps) * The above values are max. frame rates of each stream; for multiple streams, the values will depend on the total encoding capacity.
Streaming capabilities	2 streams
Permission	4M (2688 × 1520); 3.6M (2560 × 1440); 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.264:32 kbps-6144 kbps; H.265:12 kbps-6144 kbps
Day / Night	Auto (IR) / Color / B / W
BLC	There are
HLC	There are
WDR	120 dB
White Balance	Auto / Natural Light / Street Lamp / Outdoor activities / Manually / Regionally
Gain control	Auto / Manual
Noise reduction	3D NR
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° (Support 90° / 270° with 2688 × 1560 resolution and lower)
Display	There are
Privacy Mask	4 Zones
Audio	
Built-in microphone	There are
Audio compression	G.711a; G.711Mu; PCM; G.726

Anxiety	
Disturbing events	No SD Card; SD card is full; SD card error; Network Outage; IP Conflict; Illegal Access; Motion Detection; Video Violation; Stretching; Intrusion; SMD; Voltage Detection; Security Exception
Network	
Network Port	RJ-45 (10 / 100 Base-T)
SDK and API	There are
Network Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; NTP; Многоадресная рассылка; ICMP; IGMP
Compatibility	ONVIF (Profile S / Profile T); CGI; P2P; Milestone
User / Host	6 (Total throughput:36 Mb)
Keeping	FTP; SFTP; Micro SD card (Support max. 256 GB)
Browser	IE; Chrome; Firefox
Management software	DSS; DMSS
Smartphones	iOS; Android
Cyber Security	Configuration Encryption; Trusted Execution; Digest; Security Logs; WSSE; Account Lockout; System Log; Video Encryption; 802.1 x; IP/MAC Filtering; HTTPS; Trusted Update; Trusted Download; X. 509 Certificate Generation and Import
Protection	
Degree of protection	IP67
Certificates	
Certificates	CE-LVD:EN 62368-1 CE-EMC:Electromagnetic Compatibility Directive / EU CFR FCC Part 15, Subsection B
Environment	
Operating temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Operating humidity	≤95 %
Storage temperature	-40 °C to +60 °C (-40 °F to +140 °F)

Electrical properties	
Power supply	12 VDC / PoE (802.3af)
Power consumption	Basic information:2.1 W (DC12V); 2.5 W (PoE) Max: (H. 265 + Intelligent Properties + WDR + Warm light): 4.4 W (DC12V); 5.2 W (PoE)
General information	
Body	Metal
Colour	White
Sizes	166.2 mm × 70 mm × 70 mm (6.54" × 2.76" × 2.76")
Net Weight	0.48 kg (1.06 lb)
Gross Weight	0.59 kg (1.30 lb)