

**IPC-HFW5449T-ASE-LED-0360B**

IPC-HFW5449T-ASE-LED-0360B Kamera

- 4-megapixel Full Color IP video camera designed for installation in external security systems
- Pixels: 2688 × 1520
- F=3.6 mm
- LED distance=60 m
- Fixed lens
- Built-in microphone
- Video compression:H. 265; H. 264; H. 264H; H. 264B; MJPEG; BLC; HLC; WDR; 3D NR
- IP67

Type	IP
Megapixel	4 MP
Objective	Motionless
Focus	3.6 mm
Lighting	LED
Lighting distance	60 m
Microphone	Mic
Protection	IP67
Material	Metal

**Detailed**

<b>Model</b>	<b>IPC-HFW5449TP-ASE-LED-0360B</b>
<b>Camera</b>	
The matrix	1/1.8" CMOS
Effective pixels	2688 × 1520
ROM	128 MB
RAM	512 MB
Scanning system	Progressive

Electronic shutter speed	Auto / Manual 1 / 3 seconds- 1 / 100 000 with				
Mines. lighting	0.0005 Lux F1. 0				
Signal-To-Noise Ratio	> 56 dB				
LED distance	60 m (196.85 ft)				
Lighting Control On / Off	Auto / Manual				
Number of LEDs	4 (Warm light)				
<b>Lens</b>					
Lens Type	Fixed				
Focal length	3.6 mm				
Max. aperture	F1.0				
Viewing angle	Horizontal:95° x Vertical:51° x Diagonally:116°				
IR monitoring	Fixed				
Closed focal length	2.6 m (8.5 ft)				
DOPE Distance	Lens	Detection	Notification	Speech recognition	Identification
	3.6 mm	70.3 m (230.6 ft)	28.1 m (92.2 ft)	14.1 m (46.3 ft)	7.0 m (23.0 ft)
<b>Smart Events</b>					
IVS	Abandoned / Lost items				
Heat map	There are				
<b>Professional, intellectual properties</b>					
IVS (Perimeter Protection)	Stretching; Intrusion; Fast moving (three functions of car and transport); Vacation detection; Gathering people; Parking detection				
Face recognition	Face recognition; Tracking; Image optimization; Snapshot; Face Enhancement; Face Exposure; Face matting setting: Face, Inch photo; Three methods for creating images: Real-time Snapshot, Optimized Snapshot, Quality-priority Snapshot; Face angle filter; Time optimization setting				
Counting people	Support for counting the entered number, sending the number and pass number, as well as displaying and displaying annual / monthly / daily reports. Support for counting numbers in the scope and 4 configuration rules. Count the number of people or stay time and connect an alarm. Count the number of people				

	or stay time and connect an alarm.
Smart Search	Works together with Smart NVR to perform accurate intelligent search, event extraction, and combining with event video.
<b>Audio</b>	
Built-in microphone	There are
Audio compression	PCM; G.711a; G.711Mu; G.726; G.723
<b>Video</b>	
Video compression	H. 265; H. 264; H. 264H; H. 264B; MJPEG (Supported only by an additional stream)
Smart Codec	Smart H.265+ / H.264+
Video Frame Rate	Main stream:2688 × 1520 (1 fps – 25 / 30 fps) Additional stream: D1 (1 fps – 25 / 30 fps) Third stream:1080p (1 fps – 25 / 30 fps) * The above values are max. the frame rate of each stream; for multiple streams, the values will be subject to the overall encoding ability
Streaming capabilities	3 streams
Permission	2688 × 1520; 2560 × 1440; 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 Bitrate	H.264:32 Kbps – 8192 Kbps H.265:19 Kbps – 8192 Kbps
Day / Night	Color / B / W
BLC	There are
HLC	There are
WDR	140 dB
White Balance	Auto / Natural / Street Lamp / Outdoor / Regional
Gain control	Auto / Manual
Noise reduction	3D NR
Motion Detection	Off / On (4 Zones, Rectangle)
Area of Interest (RoI)	Yes (4 Zones)

Prevent fogging	There are
Rotate the frame	0 ° / 90 ° / 180 ° / 270 ° (support 90 ° / 270 ° with 4M resolution and below)
Display	There are
Privacy Mask	4 zones
Disturbing events	No SD Card; SD card is full; SD Card error; Network Outage; IP Conflict; Illegal Access; Motion Detection; Video Violation; Scene Change; Intrusion; Stretching; Abandoned / Lost Objects; Fast Moving; Parking detection; Slow down detection; Gathering People; Emergency detection at the entrance; Intensity change detection; Counting people; Face recognition; Counting people in the square; Stay Alert; Exception detection; Queue management
<b>Network</b>	
Network Port	RJ-45 (10 / 100 Base-T)
SDK and API	There are
Cyber Security	Video Encryption; Configuration Encryption; Digest; WSSE; Account Lockout; Security Logs; X. 509 Certificate Generation and Import; HTTPS; Trusted Download; Trusted Execution; Trusted Update
Network Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1 x; SNMP
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P
User / Host	20 (Total throughput: 80 M)
Keeping	FTP; SFTP; Micro SD card (Support max. 256 GB); NAS
Browser	IE:IE8 and later Chrome Firefox Safari:Safari 12 and later
Management software	Smart PSS; DSS; DMSS
Mobile Client	iOS; Android
<b>Certificates</b>	
Certificates	CE-LVD:EN62368-1 CE-EMC:Electromagnetic Compatibility Directive 2014/30 / EU CSA C22.2 No. 60950-1-07
<b>Port</b>	

Audio input	1 channel (RCA port)
Audio output	1 channel (RCA port)
Alarm input	1 channel V: 5 mA 3 - 5V DC
Alarm output	1 channel output:300mA 12VDC
<b>Protection</b>	
Degree of protection	IP67
<b>Environment</b>	
Operating temperature	-40 ° C to + 60 ° C (-40 ° F to + 140 ° F) / Less than 95% RH
Storage temperature	-40 ° C to + 60 ° C (-40 ° F to + 140 ° F)
<b>Electrical properties</b>	
Power supply	12V DC (±30%) / PoE (802.3af) / ePoE
Power consumption	Basic power consumption:2.2 W (DC12V); 2.8 W (PoE) Max. power consumption (H. 265 + max. stream + Intelligent function + IR LED): 7.4 W (DC12V); 8.4 W (PoE)
<b>General information</b>	
Body	Metal
Mounting type	M16
Colour	White
Sizes	244.1 mm × 79.0 mm × 75.9 mm (9.61" × 3.11" × 2.99")
Net Weight	0.815 kg (1.80 lb)
Gross Weight	1.08 kg (2.38 lb)