

IPC-HFW2241TP-AS-0360B

- 2-megapixel IP video kamera designed for installation in external security systems
- Pixels:1920 × 1080
- Video compression:H. 265; H. 264; H. 264H; H. 264B
- MJPEG; BLC; HLC; WDR; 3D NR
- Built-in Microphone
- F=3.6 mm
- IR=30m

Type	IP
Megapixel	2 MP
Objective	Motionless
Focus	3.6 mm
Lighting	IR
Lighting distance	30 m
Microphone	Mic
Protection	IP67
Material	Metal



Detailed

Model	IPC-HFW2241TP-AS-0360B
Camera	
The matrix	1/2.8" CMOS
Effective pixels	1920 × 1080
ROM	128 MB
RAM	128 MB
Scanning system	Progressive
Electronic shutter speed	Auto / Manual 1 / 3 seconds- 1 / 100 000 with
Mines. lighting	0.002 Lux at F1. 6 (Color, 30 IRE)

	0.0002 Lux at F1. 6 (B / W, 30 IRE) 0 Lux (IR On)				
Signal-To-Noise Ratio	>56 dB				
IR distance	30 m (98.43 ft)				
IR Control On / Off	Auto / Manual				
IR LEDs	4				
Pan / Tilt / Rotate Range	Pan:0°-360° Tilt: 0°-90° Rotation:0°-360°				
Lens					
Lens Type	Fixed				
Focal length	3.6 mm				
Max. aperture	F1.6				
Viewing angle	Horizontal:88°; Vertical: 44°; Diagonal:105°				
Aperture Control	Fixed value				
Closed focal length	1.3 m (4.27 ft)				
DOPE Distance	Lens	Detection	Notification	Speech recognition	Identification
	3.6 mm	58.9 m (193.24 ft)	23.6 m (77.43 ft)	11.8 m (38.71 ft)	5.9 m (19.37 ft)
Intellectual properties					
IVS (Perimeter Protection)	Intrusion, Tripwire (Two functions support classification and accurate detection of vehicle and person)				
Smart Search	Works together with Smart NVR to perform accurate intelligent search, extract events, and combine them with event videos.				
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:1920 × 1080 (1-25/30 fps) Additional stream:704 × 576 (1-25 fps) / 704 × 480 (1-30 fps)				

	* The above values are the maximum frame rates of each stream; for multiple streams, the values will depend on the total encoding capacity
Streaming capability	2 streams
Permission	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 / 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 1080p resolution and below)
Display	There are
Privacy Mask	4 Zones
Audio	
Built-in microphone	There are
Audio compression	G.711a; G.711Mu; G.726; PCM
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; Sound Detection; Voltage Detection; SMD; 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
User / Host	6 (Total Bandwidth: 36 Mb)
Keeping	FTP; SFTP; Micro SD card (Support max. 256 GB)
Browser	IE; Chrome; Firefox
Management software	DSS; DMSS
Smartphones	iOS; Android
Cybersecurity	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
Ports	
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	1 channel I / O:5 mA 3-5V DC
Alarm Output	1 channel Output:300 mA 12 VDC
Certificates	
Certificates	CE-LVD:EN62368-1; CE-EMC:Electromagnetic Compatibility Directive 2014/30 / EU; FCC:47 CFR FCC, Part 15, Subsection B
Protection	
Degree of protection	IP67, IK10 (Optional)
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:1.9 W (DC12V); 2.6 W (PoE) Max. (H. 265 + Intelligence on +WDR + max. Illumination): 6.6 W (DC12V); 7.9 W (PoE)
General information	
Body	Metal
Mounting type	M12
Colour	White
Sizes	238.5 mm × Φ90. 7 mm (9.39 "× Φ3. 57")
Net Weight	0.72 kg (1.90 lb)
Gross Weight	0.95 kg (1.52 lb)