

IPC-HFW1230S1-S5

- 2MP, 1/2.8" CMOS image sensor, low illuminance, high image definition
- Outputs max. 2MP (1920 × 1080). Kamera
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in efficient IR illuminator, and the max. illumination distance is 30 m
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments
- Abnormality detection: Motion detection, video tampering, network disconnection, IP conflict, illegal access
- 12V DC/PoE power supply
- IP67 protection

Type	IP
Megapixel	2 MP
Objective	Motionless
Focus	2.8 mm
Lighting	IR
Lighting distance	30 m
Protection	IP67
Material	Plastic



Detailed

Model	IPC-HFW1230S1P-0280B-S5
Camera	
Matrix	1/2.7" 2MP Progressive Scan CMOS
Effective Pixels	1920×1080
ROM	16 Mb
RAM	64 Mb
Scanning system	Progressive

Electronic shutter speed	Auto / Manual 1 / 3 sec - 1 / 100000 sec				
Min. illumination	0.01 Lux F2.0				
IR distance	30 m (98.4 ft)				
IR Control On/Off	Auto / Manual				
IR LEDs	1				
Pan/Tilt/Rotation Range	Horizontal:0°-360° Vertical:0°-90° Rotation:0°-360°				
Lens					
Lens type	Fixed				
Focal length	2.8 mm				
Max aperture	F2.0				
Viewing angle	105°				
Diaphragm type	Fixed				
Closed focal length	0.5 m (1.6 ft)				
FOOL Distance	Lens	Detection	Notification	Recognition	Identification
	2.8 mm	37.3 m (122.4 ft)	14.9 m (48.9 ft)	7.5 m (24.6 ft)	3.7 m (12.1 ft)
Video					
Video compression	H.265; H.264; H.264H; H.264B; MJPEG				
Smart Codec	Eat				
Video frame rate	Main Stream: 1920×1080 (1 fps-25/30 fps) Sub Stream: 704×576 (1 fps-25 fps) 704×480 (1 fps-30 fps)				
Streaming capability	2 streams				
Permission	1080p (1920 × 1080); 1.3 m (1280 × 960);720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640×480); CIF (352 × 288 / 352 × 240)				

Bitrate control	CBR/VBR
Bit rate	H.264: 32 Kbps-6144 Kbps H.265: 12 Kbps-6400 Kbps
Day / Night	Auto (ICR) / Color / B/W
BLC	Eat
HLC	Eat
WDR	DWDR
White Balance	Auto / Natural / Street Light / Outdoor / Manual / Regional
Gain control	Auto / Manual
Noise reduction	3D DNR
Motion detection	Off / On (4 Zones, Rectangle)
Area of Interest (RoI)	Yes (4 Zones)
Electronic Image Stabilization (EIS)	Eat
Smart IR	Eat
Rotate image	0°/90°/180°/270°(Support 90°/270° with 1080p resolution.)
Display	Eat
Privacy Mask	4 Zones
Net	
Net	RJ-45 (10/100 Base-T)
Protocol	IPv4; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; NTP; Multicast
Compatibility	ONVIF (profile G); CGI; P2P; Genetec
User / Host	20
Storage	FTP; Dahua Cloud
Browser	IE Chrome

	Firefox
Management software	Smart PSS; DSS; DMSS
Smartphones	IOS; Android
Certificates	
Certificates	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15 Subpart B
Protection	
Degree of protection	IP67
Environment	
terms of Use	From -40°C to +60°C (from -40°F to +140°F) / Less than ≤95% RH
Storage temperature	-40°C to +60°C (-40°F to +140°F)
Electrical properties	
Power supply	12V DC / PoE (802.3af)
Power consumption	
General information	
Frame	Metal + Plastic
Fastening	M12
Dimensions	162.6 mm × Φ70 mm (6.4" × Φ2.8")
Net weight	0.22 kg (0.4 lbs)
Gross weight	0.34 kg (0.7 lb)