

DH-IPC-HFW1530S-S6

5MP Entry IR Fixed-focal Bullet Network Camera



- 5MP 1/2.7" CMOS image sensor, low luminance, and high definition image.
- Outputs max. 5MP (2880 × 1620) @20 fps and supports 2688 × 1520 (2688 × 1520) @25/30 fps.
- H.265 codec, high compression rate, and ultra-low bit rate.
- Built-in IR LED, and the max. illumination distance is 30 m.
- ROI, SMART H.264 +/H.265+, flexible coding, applicable to various bandwidth and storage environments.
- Rotation mode, DWDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes.
- Abnormality detection: Motion detection, video tampering, audio
- detection, network disconnection, IP conflict, and illegal access.
- 12 V DC/PoE power supply.
- IP67 protection.



Series Overview

With features of simple installation, easy operation, and high performance-cost ratio, Dahua Entry series network camera is applicable to small and medium-sized scenes, such as homes/residences, smallsized retail stores, and other small and medium-sized enterprises.

Functions

Smart H.265+ & Smart H.264+

With advanced scene-adaptive rate control algorithm, Dahua smart encoding technology realizes the higher encoding efficiency than H.265 and H.264, provides high-quality video, and reduces the cost of storage and transmission.

Motion Detection

When moving objects appear in the monitoring image, Dahua Motion Detection (General) technology triggers alarm or records.

Smart Illumination

Dahua Smart Illumination technology can display image in the environment of low illuminance or completely dark environment. According to the distance of the targets, the camera adjusts Illuminations intensity automatically to display the details of the moving target.

Image Flip

For narrow and long scenes, Dahua image flip technology flips the image by 90°/180°/270° to realize better surveillance in rotation mode.

Cyber Security

Dahua network cameras employ a series of security technologies, including security authentication and authorization, access control protocols, trusted protection, encrypted transmission and encrypted storage. These technologies improve the camera's defense against external cyber threats and prevent malicious programs from comprising the device.

Protection (IP67, wide voltage)

IP67: The camera passes a series of strict test on dust and soak. It has dust-proof function, and the enclosure can works normal after soaking in 1 m deep water for 30 minutes.

Wide voltage: The camera allows $\pm 30\%$ (for some power supplies) input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

Entry Series | DH-IPC-HFW1530S-S6

Technical Specification

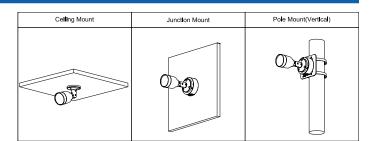
Image Sensor 1/2.7" CMOS Image Sensor 2880 (H) × 1620 (V) RAM 16 MB RAM 128 MB Scanning Syster 128 MB Scanning Syster Progressive Electronic Shuttery 0.03 Lux@F2.0 (Color, 30 IRE) 0.00 s Min. Illumination 0.03 Lux@F2.0 (Color, 30 IRE) 0.00 s Lux@F2.0 (B/W, 30 IRE) 0.00 s S/N Ratio > 56 dB S/N Ratio 30 m (98.43 H) (IR) Illumination On/Off Cortro Auto/Manual Illumination On/Off Cortro Auto/Manual Illuminator Number 1 (IR LED) Pan'11t/Rotatior "-360" Titl: 0"-90" Rotation: 0"-360" Rotation: 0"
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Video Compression H.265; H.264; H.264B; MJPEG (only supported by the sub stream)
sub stream)
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Main stream
Main stream: 2880 × 1620 (1 fps-20 fps) 2688 × 1520 (1 fps-25/30 fps) Sub stream: Video Frame Rate 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps) *The values above are the max. frame rates of each stream; for multiple streams, the values will be subject to the total encoding capacity.
Stream Capability 2 streams
2880 × 1620 (2880 × 1620); 2688 × 1520 (2688 × 1520) 2560 × 1440(2560 × 1440); 3M (2048 × 1536); 2304 × Resolution 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280) 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VC (640 × 480); CIF (352 × 288/352 × 240)

Bit Rate Control	CBR/VBR	
Video Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps	
Day/Night	Auto(ICR)/Color/B/W	
BLC	Yes	
HLC	Yes	
WDR	DWDR	
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom	
Gain Control	Auto; manual	
Noise Reduction	3D NR	
Motion Detection	OFF/ON (4 areas, rectangular)	
Region of Interest (Rol)	Yes (4 areas)	
Smart Illumination	Yes	
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 \times 1520 resolution and lower)	
Mirror	Yes	
Privacy Masking	4 areas	
Audio		
Built-in MIC	NONE	
Audio Compression	NONE	
Alarm		
Alarm Event	Network disconnection; IP conflict; illegal access; motion detection; video tampering; audio detection; security exception	
Network		
Network Port	RJ-45 (10/100 Base-T)	
SDK and API	Yes	
Cyber Security	Video encryption; configuration encryption; Digest; WSSE; account lockout; security logs; generation and importing of X.509 certification; HTTPS; trusted boot; trusted execution; trusted upgrade	
Network Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; DDNS; NTP; Multicast	
Interoperability	ONVIF (Profile S/Profile T); CGI; P2P; Genetec; Milestone	
User/Host	6 (Total bandwidth: 48 M)	
Storage	FTP	
Browser	IE Chrome Firefox	
Management Software	Smart PSS; DSS; DMSS	
Mobile Client	IOS; Android	
Certification		
Certifications	CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B	

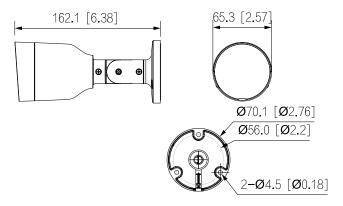
Entry Series | DH-IPC-HFW1530S-S6

Power

TOWCI			
Power Supply	12V DC/PoE (802.3af)		
Power Consumption	Basic: 1.9W (12V DC); 2.3W (PoE) Max. (ICR + H.265 + max. resolution + main stream + DWDR + IR intensity): 3.9W (12V DC); 4.5W (PoE)		
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)		
Protection	IP67		
Structure			
Casing	Metal		
Product Dimensions	162.1 mm × Φ70.1 mm (6.38" × Φ2.76")		
Net Weight	0.32 kg (0.71 lb)		
Gross Weight	0.45 kg (0.99 lb)		



Dimensions (mm[inch])



Ordering Information

Туре	Model	Description
5MP Camera	DH-IPC-HFW1530S-S6	5MP Entry IR Fixed-focal Bullet Network Camera
Accessories (optional)	PFA134	Junction Box
	PFA130-E	IP66 Junction Box
	PFA152-E	Pole Mount Bracket
	PFM321D	12V DC 1A Power Adapter
	PFM900-E	Integrated Mount Tester

Accessories

Optional:



PFA134 Junction Box







PFM321D 12V DC 1A Power Adapter

PFM900-E Integrated Mount Tester

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