

DH-IPC-HDW1530T-S6

5MP Entry IR Fixed-focal Eyeball Network Camera



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, small-sized 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.

- 5MP 1/2.7" CMOS image sensor, low luminance, and high definition image.
- Outputs max. 5MP (2880 \times 1620) @20 fps and supports 2688 \times 1520 (2688 \times 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, ap plicable to various monitoring scenes.
- Abnormality detection: Motion detection, video tampering, audio detection, network disconnection, IP conflict, and illegal access.
- · Built-in MIC.
- 12 V DC/PoE power supply.
- IP67 protection.













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.

Technical Specification							Bit Rate Control	CBR/VBR
Camera	•						Video Bit Rate	H.264: 32 kbps-6144 kbps
Image Sensor		1/2.7" CMOS					Day/Night	H.265: 12 kbps-6144 kbps Auto (ICR)/Color/B/W
Max. Resolution		2880 (H) × 1620 (V)					BLC	Yes
ROM		16 MB					HLC	Yes
RAM		128 MB					WDR	DWDR
Scanning System		Progressive					White Balance	Auto; natural; street lamp; outdoor; manual; regional
Electronic Shutter Speed		Auto/Manual 1/3 s-1/100,000 s						custom
Min. Illumination		0.03 Lux@F2.0 (Color, 30 IRE) 0.003 Lux@F2.0 (B/W, 30 IRE)					Gain Control Noise Reduction	Auto; manual 3D NR
S/N Ratio		0 Lux (Illuminator on) > 56 dB					Motion Detection	OFF/ON (4 areas, rectangular)
Illumination Distance		30 m (98.43 ft) (IR)					Region of Interest (RoI)	Yes (4 areas)
	On/Off Control	Auto/Manual					Smart Illumination	Yes
Illuminator I	•	1 (IR LED)					Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520
5 /T11 /5 ·		Pan: 0°-360°						resolution and lower)
Pan/Tilt/Rotation Range		Tilt: 0°–78° Rotation: 0°–360°					Mirror	Yes 4 areas
Lens							Privacy Masking	4 areas
Lens Type		Fixed-focal					Audio	v
Lens Mount		M12					Built-in MIC	Yes
Focal Length		2.8 mm; 3.6 mm					Audio Compression	G.711a; G.711Mu; G.726; PCM
Max. Apertu	ıre	2.8 mm: F2.0 3.6 mm: F2.0					Alarm	Network disconnection; IP conflict; illegal access; motion
Field of Viev	v	2.8 mm: Horizontal: 106°; Vertical: 56°; Diagonal: 125° 3.6 mm: Horizontal: 92°; Vertical: 48°; Diagonal: 109°					Alarm Event	detection; video tampering; audio detection; security exception
Iris Control		Fixed					Network	
Close Focus Distance		2.8 mm: 0.8 m (2.62 ft) 3.6 mm: 1.3 m (4.27 ft)					Network Port	RJ-45 (10/100 Base-T)
	Lens	Detect	Observe	Recognize	Identify		SDK and API	Yes
DORI Distance	2.8 mm	56.0 m (183.73 ft)	22.4 m (73.49 ft)	11.2 m (36.75 ft)	5.6 m (18.37 ft)		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
	3.6 mm	76.0 m (249.34 ft)	30.4 m (99.74 ft)	15.2 m (49.87ft)	7.6 m (24.93 ft)		Network Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; DDNS; NTP; Multicast
Video							Interoperability	ONVIF (Profile S/Profile T); CGI; P2P; Genetec; Milestone
Video Compression		H.265; H.264; H.264B; MJPEG (only supported by the sub stream)					User/Host	6 (Total bandwidth: 48 M)
Smart Code	С	Smart H.265+; Smart H.264+					Storage	FTP
Video Frame Rate		Main stream: $2880 \times 1620 \text{ (1 fps-20 fps)}$ $2688 \times 1520 \text{ (1 fps-25/30 fps)}$ Sub stream: $704 \times 576 \text{ (1 fps-25 fps)}$ $704 \times 480 \text{ (1 fps-30 fps)}$ *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected					Browser	IE Chrome Firefox
							Management Software	Smart PSS; DSS; DMSS
							Mobile Client	iOS; Android
		to the total encoding capacity.					Certification	
Stream Capability Resolution		2 streams 2880 × 1620 (2880 × 1620); 2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 3M (2048 × 1536); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA					Certifications	CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B
		(640 × 480); CIF (352 × 288/352 × 240)						

Entry Series | DH-IPC-HDW1530T-S6

Power

Power Supply	12V DC/PoE (802.3af)		
Power Consumption	Basic: 1.7 W (12V DC); 2.5W (POE) Max. (ICR + H.265 + max. resolution + main stream + DWDR + IR intensity): 3.7 W (12V DC); 4.5 W (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	85.6 mm × Φ94.0 mm (3.4" × Φ3.7")
Net Weight	0.32 kg (0.71 lb)
Gross Weight	0.43 kg (0.95 lb)

Ordering Information Type Model Description DH-IPC-5MP Entry IR Fixed-focal Eyeball Network 5MP Camera HDW1530T-S6 Camera PFA13A-E Junction Box PFA130-E IP66 Junction Box Accessories (optional) PFB204W Wall Mount Bracket PFA152-E Pole Mount Bracket

Accessories

Optional:



Junction Box





PFA130-E IP66 Junction Box



PFB204W Wall Mount Bracket



PFA152-E Pole Mount Bracket

Ceiling Mount	Wa I Mount	Pole Mount (Vertical)

Dimensions (mm[inch])

