

IPC-HDW1431T1P-0360B-S4-QH2

Kamera IPC-HDW1431T1P-0360B-S4-QH2 4MP

- 4MP, 1/3" CMOS image sensor, low illuminance, high image definition;
- Outputs 4MP (2560 × 1440) @25/30 fps, and supports max. 4MP (2688 × 1520) @20 fps;
- H.265 codec, high compression rate, ultra-low bit rate;
- WDR, Day/Night(ICR), 3DNR, HLC, AGC, BLC;
- Abnormality detection: Motion detection, video tampering, network disconnection, IP conflict, illegal access;
- Max IR LEDs Length 30m;
- 12V DC/PoE power support4
- IP67

Type	IP
Megapixel	4 MP
Objective	Motionless
Focus	3.6 mm
Lighting	IR
Lighting distance	30 m
Protection	IP67
Material	Plastic



Detailed

Model	IPC-HDW1431T1P-0360B-S4-QH
Camera	
Matrix	1/3" CMOS
Effective Pixels	2688 × 1520
ROM	128 Mb
RAM	128 Mb

Scanning system	Progressive				
Electronic shutter speed	Auto / Manual 1 / 3 sec - 1 / 100,000 sec				
Min. illumination	0.03 Lux@F2.0 (Color, 30 IRE) 0.003 Lux@F2.0 (B/W, 30 IRE) 0 Lux (IR on)				
Signal to Noise Ratio	>56 dB				
IR distance	30 m (98.4 ft)				
IR Control On/Off	Auto / Manual				
IR LEDs	1				
Pan/Tilt/Rotation Range	Pan:0°-355° Tilt:0°-78° Rotate:0°-360°				
Lens					
Lens type	Fixed				
Mounting type	M12				
Focal length	3.6 mm				
Max aperture	F2.0				
Viewing angle	Horizontal: 81°; Vertical: 44°; Diagonal: 95°				
IR Management	Fixed				
Closed focal length	1.4 m (4.6 ft)				
FOOL Distance	Lens	Detection	Notification	Recognition	Identification
	3.6 mm	80.0 m (262.5 ft)	32.0 m (105.0 ft)	16.0 m (52.5 ft)	8.0 m (26.2 ft)
Video					
Video compression	H.265; H.264; H.264B; MJPEG (supported by extra stream only)				
Smart Codec	Smart H.265+; Smart H.264+				
Video frame rate	Main Stream: 2688×1520 (1fps-20fps) 2560×1440 (1fps-25/30fps) Sub Stream: 704×576 (1fps-20/25fps)				

	704×480 (1fps-20/30fps) *The above values are the maximum frame rates of each stream; for multiple streams, the values will depend on the total encoding capacity.
Streaming capabilities	2 streams
Permission	2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 2304 × 1296 (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 control	CBR/VBR
Video bit rate	H.264:32 kbps-6144 kbps H.265:12 kbps-6144 kbps
Day / Night	Auto (IR) / Color / B/W
BLC	Eat
HLC	Eat
WDR	120 dB
White Balance	Auto / Natural Light / Street Light / Outdoor / Manual / Regional
Gain control	Auto / Manual
Noise reduction	3D NR
Motion detection	Off / On (4 Zones, Rectangle)
Area of Interest (RoI)	Yes (4 Zones)
Smart lighting	Eat
Rotate frame	0° / 90° / 180° / 270° (Support 90° / 270° with resolution 2688 × 1520 and below.)
Display	Eat
Privacy Mask	4 Zones
Anxiety	
Disturbing developments	Network Disconnection; IP Conflict; Motion Detection; Video Tampering; Illegal Access; Voltage Detection; Security Exception
Net	
Network port	RJ-45 (10/100 Base-T)

SDK and API	Eat
Cyber security	Video encryption; Firmware encryption; Configuration encryption; Digest; WSSE; Account lock; Security logs; IP/MAC filtering; X.509 certificate generation and import; System log; HTTPS; 802.1x; Trusted boot; Trusted execution; Trusted update
Network protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Bonjour
Compatibility	ONVIF (Profile S/Profile T); CGI; Milestone; Genetec; P2P
User / Host	20
Storage	FTP; SFTP; NAS
Browser	IE; Chrome; Firefox
Management software	Smart PSS; DSS; DMSS
Smartphones	iOS; Android
Protection	
Degree of protection	IP67
Certificates	
Certificates	CE-LVD:EN 62368-1 CE-EMC:Electromagnetic Compatibility Directive 2014/30/EU FCC:47 CFR FCC Part 15, Subpart B
Environment	
Operating temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Working humidity	≤95%
Storage temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Electrical properties	
Power supply	12VDC/PoE
Power consumption	Base: 1.4W(DC12V); 2.2W(PoE) Max(IR+H.265+IR Intensity): 3.3W(DC12V); 4.3W(PoE)
General information	

Frame	Metal+Plastic
Dimensions	85.5 mm x Φ 109 mm (3.4" x Φ 4.3")
Net weight	0.25 kg (0.6 lb)
Gross weight	0.37 kg (0.8 lb)

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