

IPC-HDW2449TP-S-IL-0280B

DH-IPC-HDW2449TP-S-IL-0280B 4MP 30M Full-color Mic IR Eyeball Kamera

- 4-megapixel IP video camera designed for installation in internal security systems
- Pixels: 2688 × 1520
- Fixed lens
- IR=30 m
- F=2.8 mm

Type	IP
Megapixel	4 MP
Objective	Motionless
Focus	2.8 mm
Lighting	IR
Lighting distance	30 m
Microphone	Mic
Protection	IP67
Material	Metal



Detailed

Model	IPC-HDW2449TP-S-IL-0280B
Camera	
The matrix	1/2.9" CMOS
Effective pixels	2688 × 1520
ROM	128 MB
RAM	128 MB
Scanning system	Progressive
Electronic shutter speed	Auto / Manual 1 / 3 s - 1 / 100,000 s

Mines. lighting	0.008 Lux at F1. 6 (Color, 30 IRE) 0.0008 Lux at F1. 6 (B / W, 30 IRE) 0 Lux (IR On)				
Signal-To-Noise Ratio	>56 dB				
Lighting distance	30m (98.43 ft) (IR), 30m (98.43 ft) (Warm light)				
Lighting Control On / Off	Auto / Manual				
Number of LEDs	1 (IR LED); 1 (Warm light)				
Pan / Tilt / Rotate Range	Reinforcement range: 0°-360° Tilt:0°-78° Rotation:0°-360°				
Lens					
Lens Type	Fixed				
Focal length	2.8 mm				
Max. aperture	F1.6				
Viewing angle	Horizontal:95°; Vertical: 52°; Diagonal:114°				
Aperture Control	Fixed value				
Closed focal length	0.9 m (2.95 ft)				
DOPE Distance	Lens	Detection	Notification	Speech recognition	Identification
	2.8 mm	63.6 m (208.66 ft)	25.4 m (83.33 ft)	12.7 m (41.67 ft)	6.4 m (20.99 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: 2688 × 1520 (1-25 / 30 fps)				

	2560 × 144 (1-25/30 fps) Secondary 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 maximum frame rate of each stream is the maximum frame rate of each stream. stream
Streaming capability	2 streams
Permission	4M (2688 × 1520); 3.6M (2560 × 1440); 3M (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 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)
Rotate the frame	0° / 90° / 180° / 270° (Support 90°/270° with 2688 × 1520 resolution and lower)
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; Milestone
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
Certificates	
Certificates	CE-LVD: EN 62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30 / EU FCC: 47 CFR FCC, Part 15, Subsection B
Protection	
Degree of protection	IP67
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: 2.1 W (DC12V); 2.5 W (PoE) Max. (H. 265 + Intelligence + WDR + Warm light): 4.4 W (DC12V); 5.2 W (PoE)

General information	
Body	Metal+Plastic
Mounting type	M12
Colour	White
Sizes	100.9 mm × Ø109.9 mm (3.97 "× Ø4.33")
Net Weight	0.37 kg (0.82 lb)
Gross Weight	0.51 kg (1.12 lb)