

DH-IPC-HFW3449T1P-AS-PV-0280B

DAHUA DH-IPC-HFW3449T1P-AS-PV 4MP (2.8MM) WIZESENSE NETWORK KAMERA; Audio (səsli);

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|-----------------------|-------------------------------|
| Model | DH-IPC-HFW3449T1P-AS-PV-0280B |
| Brend | Dahua |
| Növ | IP |
| Meqapixel | 4 MP |
| İşıqlandırma | LED |
| Obyektiv | Sabit |
| Fokus | 2.8mm |
| İşıqlandırma məsafəsi | 30 m |
| Mikrofon | Mic |
| Qoruma | IP67 |
| Material | Metal |
| Yaddaş | MicroSD |
| İş mühiti | Outdoor |



Specification

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| Camera | |
| Image Sensor | 1/2.7" CMOS |
| Max. Resolution | 2688 (H) × 1520 (V) |
| ROM | 128 MB |
| RAM | 512 MB |
| Scanning System | Progressive |
| Electronic Shutter Speed | Auto/Manual 1/3 s–1/100,000 s |
| Min. Illumination | 0.003 lux@F1.0 (Color, 30 IRE) 0.0003 lux@F1.0 (B/W, 30 IRE) 0 lux (illuminator on) |
| S/N Ratio | ≥ 56 dB |
| Illumination Distance | Up to 30 m (98.43 ft) (IR) Up to 30 m (98.43 ft) (warm light) |
| Illuminator On/Off Control | Auto/Manual |
| Illuminator Number | 2 (IR LED) 2 (warm light) |
| Angle Adjustment | Pan: 0°–360° Tilt: 0°–90° Rotation: 0°–360° |
| Lens | |
| Lens Type | Fixed-focal |
| Mount Type | M12 |
| Focal Length | 2.8 mm; 3.6 mm |
| Field of View | 2.8 mm: H: 101°; V: 53°; D: 120° 3.6 mm: H: 82°; V: 44°; D: 96° |

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| Iris Type | Fixed | | | | |
| Close Focus Distance | 2.8 mm: 1.5 m (4.92 ft) 3.6 mm: 2.2 m (7.22 ft) | | | | |
| DORI Distance | Lens | Detect | Observe | Recognize | Identify |
| | 2.8 mm | 66.0 m (216.54 ft) | 26.4 m (86.61 ft) | 13.2 m (43.31 ft) | 6.6 m (21.65 ft) |
| | 3.6 mm | 78.0 m (255.91 ft) | 31.2 m (102.36 ft) | 15.6 m (51.18 ft) | 7.8 m (25.59 ft) |
| Intelligence | | | | | |
| IVS (Perimeter Protection) | Tripwire; intrusion (support the classification and accurate detection of vehicle and human) | | | | |
| SMD 4.0 | Less false alarm, longer detection distance | | | | |
| Smart Search | Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos | | | | |
| Quick Pick | With AI NVR, quickly pick up the human/vehicle targets that users are interested in from SMD events | | | | |
| AI SSA | Adopt deep learning algorithms to adjust the parameters of the image to suit the conditions. | | | | |
| Video | | | | | |
| Video Compression | H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream) | | | | |
| Smart Codec | Smart H.265+; Smart H.264+ | | | | |
| AI Coding | AI H.265; AI H.264 | | | | |
| Video Frame Rate | Main stream: 2688 × 1520@(1 fps-30 fps) Sub stream: 704 × 576@(1 fps-25 fps)/704 × 480@(1 fps-30 fps) Third stream: 1920 × 1080@(1 fps-30 fps) *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity | | | | |
| Stream Capability | 3 streams | | | | |
| Resolution | 4M (2688 × 1520/2560 × 1440); 3M (2304 × 1296/2048 × 1536); 1080P (1920 × 1080); 1.3M (1280 × 960); 720P (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240) | | | | |
| Bit Rate Control | CBR/VBR | | | | |
| Video Bit Rate | H.264: 32kbps-8192 kbps H.265: 12kbps-8192 kbps | | | | |
| Day/Night | Auto (ICR)/Color/B/W | | | | |
| BLC | Yes | | | | |
| HLC | Yes | | | | |
| WDR | 120 dB | | | | |
| Scene Self-adaptation | Yes | | | | |
| White Balance | Auto; natural; street lamp; outdoor; manual; regional custom | | | | |
| Gain Control | Auto; manual | | | | |
| Noise Reduction | 3D NR | | | | |
| Motion Detection | OFF/ON (4 areas) | | | | |
| Region of Interest (Rol) | Yes (4 areas) | | | | |
| Smart Illumination | Yes | | | | |
| Defog | Yes | | | | |
| Image Rotation | 0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower) | | | | |
| Mirror | Yes | | | | |
| Privacy Masking | 8 areas | | | | |
| Audio | | | | | |
| Built-in Mic | Yes, built-in dual Mic | | | | |
| Built-in speaker | Yes, built-in speaker | | | | |
| Audio Compression | PCM; G.711a; G.711Mu; G.726; G.723 | | | | |

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| Alarm | |
| Alarm Event | No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; scene changing; audio detection; voltage detection; external alarm; SMD; security exception |
| Network | |
| Network | RJ-45 (10/100 Base-T) |
| SDK and API | Yes |
| Cyber Security | Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade |
| Protocol | IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP; P2P |
| Interoperability | ONVIF (Profile S;Profile G;Profile T); CGI |
| User/Host | 20 (Total bandwidth: 72 M) |
| Storage | FTP; SFTP; Micro SD card (support max. 256 G); NAS |
| Browser | IE: IE8/9/11 Chrome Firefox |
| Management Software | Smart PSS; DSS; DMSS |
| Mobile Phone | iOS; Android |
| Certification | |
| Certification | CE-LVD: EN 62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL:UL62368-1 & CAN/CSA C22.2 No. 62368-1-14; |
| Port | |
| Audio Input | 1 channel (RCA port) |
| Audio Output | 1 channel (RCA port) |
| Alarm Input | 1 channel in: 5mA 3V-5 VDC |
| Alarm Output | 1 channel out: 300mA 12 VDC |
| Power | |
| Power Supply | 12 VDC/PoE (802.3af) |
| Power Consumption | Basic: 3.3 W (12 VDC); 4.4 W (PoE) Max. (pulling stream+warning light+speaker+warm light on): 6.8 W (12 VDC); 8.2 W (PoE) |
| Environment | |
| Operating Conditions | -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH |
| Storage Conditions | -40 °C to +60 °C (-40 °F to +140 °F) |
| Protection Grade | IP67 |
| Structure | |
| Casing | Metal + plastic |
| Dimensions | 288.4 mm × 94.4 mm × 84.7 mm (11.35" × 3.72" × 3.33") (L × W × H) |
| Net Weight | 1.0 kg (2.20 lb) |
| Gross Weight | 1.23 kg (2.71 lb) |