

IPC-HDW2549TP-S-IL-0280B

DH-IPC-HDW2549TP-S-IL-0280B 5MP 30M Mic Full-color Mic IR Eyeball Kamera

- 5-MP 1/2.7" CMOS image sensor, low luminance, and high definition image
- Outputs max. 5 MP (2960 × 1668) @20 fps, and supports 2688×1520 (2688 × 1520) @25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments

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|-------------------|------------|
| Type | IP |
| Megapixel | 5 MP |
| Objective | Motionless |
| Focus | 2.8 mm |
| Lighting | LED |
| Lighting distance | 30 m |
| Microphone | Mic |
| Protection | IP67 |
| Material | Metal |



Detailed

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|--------------------------|-------------------------------------------------------------------------------------|
| Camera | |
| Image Sensor | 1/2.7" CMOS |
| Max. Resolution | 2960 (H) × 1668 (V) |
| ROM | 128 MB |
| RAM | 256 MB |
| Scanning System | Progressive |
| Electronic Shutter Speed | Auto/Manual 1/3 s-1/100,000 s |
| Min. Illumination | 0.007 Lux@F1.6(Color,30IRE) 0.0007 Lux@F1.6(B/W,30IRE) 0 lux (Illuminator on) |

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| S/N Ratio | >56 dB | | | | |
| Illumination Distance | 30 m (98.43 ft) (IR); 30 m (98.43 ft) (Warm light) | | | | |
| Illuminator On/Off Control | Auto; Manual | | | | |
| Illuminator Number | 1 (IR LED); 1(Warm light) | | | | |
| Pan/Tilt/Rotation Range | Pan: 0°-360° Tilt: 0°-78° Rotation: 0°-360° | | | | |
| Lens | | | | | |
| Lens Type | Fixed-focal | | | | |
| Lens Mount | M12 | | | | |
| Focal Length | 2.8 mm | | | | |
| Max. Aperture | F1.6 | | | | |
| Field of View | 2.8 mm: H: 111°; V: 58°; D: 132° | | | | |
| Iris Control | Fixed | | | | |
| Close Focus Distance | 2.8 mm: 1.1 m (3.61 ft) | | | | |
| DORI Distance | Lens | Detect | Observe | Recognize | Identify |
| | 2.8 mm | 63.6 m (208.66 ft) | 25.4 m (83.33 ft) | 12.7 m (41.67 ft) | 6.4 m (21.00 ft) |
| Intelligence | | | | | |
| IVS (Perimeter Protection) | Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human) | | | | |
| Smart Search | Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos | | | | |
| 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+ | | | | |
| Video Frame Rate | Main stream: 2960 × 1668@(1-20 fps)/2688 × 1520@(1-25/30 fps) sub stream: 704 × 576@(1-25 fps)/704 × 480@(1-30 fps) *The values above are the max. frame rates of each stream; for multiple streams, the | | | | |

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| | values will be subjected to the total encoding capacity. |
| Stream Capability | 2 streams |
| Resolution | 2960 × 1668 (2960 × 1668); 2880 × 1620 (2880 × 1620); 2688 × 1520 (2688 × 1520); 3M (2048 × 1536); 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) |
| Bit Rate Control | CBR/VBR |
| Video Bit Rate | H.264: 32 kbps-8192 kbps H.265: 12 kbps-8192 kbps |
| Day/Night | Auto(ICR)/Color/B/W |
| BLC | Yes |
| HLC | Yes |
| WDR | 120 dB |
| 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 (RoI) | Yes (4 areas) |
| Smart Illumination | Yes |
| Image Rotation | 0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower) |
| Mirror | Yes |
| Privacy Masking | 4 areas |
| Audio | |
| Built-in MIC | Yes |
| Audio Compression | G.711a; G.711Mu; PCM; G.726 |
| Alarm | |
| Alarm Event | No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception |

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| Network | |
| Network Port | RJ-45 (10/100 Base-T) |
| SDK and API | Yes |
| 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 |
| Interoperability | ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone |
| User/Host | 20 (Total bandwidth: 48 M) |
| Storage | FTP; SFTP; Micro SD card (support max. 256 GB); NAS |
| Browser | IE Chrome Firefox |
| Management Software | Smart PSS; DSS; DMSS |
| Mobile Client | iOS; Android |
| Cyber Security | Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; Generation and importing of X.509 certification |
| Certification | |
| Certifications | CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07 |
| Power | |
| Power Supply | 12 VDC/PoE (802.3af) |
| Power Consumption | Basic: 2.2 W (12 VDC); 2.9 W (PoE) Max. (H.265+ max. resolution + max. stream+ WDR + warm light intensity + IVS): 4.6 W (12 VDC); 5.4 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) |
| Storage Humidity | ≤95% |

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| Protection | IP67 |
| Structure | |
| Casing Material | Inner core: Metal Cover: Plastic |
| Product Dimensions | 100.9 mm × Ø109.9 mm (3.97" × Ø4.33") |
| Net Weight | 0.38 kg (0.84 lb) |
| Gross Weight | 0.52 kg (1.15 lb) |