

IPC-HFW2441TP-AS

DAHUA IPC-HFW2441TP-AS- 4MP 3.6mm NETWORK KAMERA

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| Model | IPC-HFW2441TP-AS |
| Brend | Dahua |
| Növ | IP |
| Meqapixel | 4 MP |
| İşıqlandırma məsafəsi | 80 m |
| Obyektiv | Sabit |
| Fokus | 3.6mm |
| İşıqlandırma | İR |
| Mikrofon | Mic |
| Qoruma | IP67 |
| Material | Metal |
| Yaddaş | MicroSD |
| İş mühiti | Outdoor |



Specification

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|----------------------------|---|
| Camera | |
| Image Sensor | 1/2.9" CMOS |
| Max. Resolution | 2688 (H) × 1520 (V) |
| ROM | 128 MB |
| RAM | 128 MB |
| Scanning System | Progressive |
| Electronic Shutter Speed | Auto/Manual 1/3 s–1/100,000 s |
| Min. Illumination | 0.006 Lux@F1.6 (Color, 30 IRE) 0.0006 Lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on) |
| S/N Ratio | >56 dB |
| Illumination Distance | up to 80 m (262.47 ft) (IR LED) |
| Illuminator On/Off Control | Auto; Manual |
| Illuminator Number | 4 (IR LED) |

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|--|---|---------------------|-----------------------|----------------------|----------------------|
| Pan/Tilt/Rotation Range | Pan: 0°–360° Tilt: 0°–90° Rotation: 0°–360° | | | | |
| Lens | | | | | |
| Lens Type | Fixed-focal | | | | |
| Lens Mount | M12 | | | | |
| Focal Length | 8 mm; 6 mm; 3.6 mm | | | | |
| Max. Aperture | F1.6 | | | | |
| Field of View | 3.6 mm: H: 84°; V: 42°; D: 101° 6 mm: H: 52°; V: 28°; D: 61° 8 mm: H: 40°; V: 23°; D: 46° | | | | |
| Iris Control | Fixed | | | | |
| Close Focus Distance | 3.6 mm: 1.7 m (5.58 ft) 6 mm: 3.2 m (10.50 ft) 8 mm: 4.6 m (15.09 ft) | | | | |
| DORI Distance | Lens | Detect | Observe | Recognize | Identify |
| | 3.6 mm | 85.4 m (280.18 ft) | 34.2 m (112.20 ft) | 17.1 m (56.10 ft) | 8.5 m (27.89 ft) |
| | 6 mm | 124.0 m (406.82 ft) | 49.6 m (162.73 ft) | 24.8 m (81.36 ft) | 12.4 m (40.68 ft) |
| | 8 mm | 150.4 m (493.44 ft) | 60.2 m (197.51 ft) | 30.1 m (98.75 ft) | 15.0 m (49.21 ft) |
| DORI (Detect, Observe, Recognize, Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. For intelligent function distances, refer to installation and commissioning manual/project design tool. | | | | | |
| 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: 2688 × 1520@(1–20 fps)/2560 × 1440@(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 values will be subjected to the total encoding capacity. | | | | |
| Stream Capability | 2 streams | | | | |
| Resolution | 4M (2688 × 1520/2560 × 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) | | | | |
| Bit Rate Control | CBR/VBR | | | | |
| Video Bit Rate | H.264: 32 kbps–6144 kbps; H.265: 12 kbps–6144 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) | | | | |

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| Region of Interest (Rol) | 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; G.726; PCM |
| 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 |
| 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; NTP; Multicast; ICMP; IGMP; P2P |
| Interoperability | ONVIF (Profile S/Profile G/Profile T); CGI |
| User/Host | 6 (Total bandwidth: 36 M) |
| Storage | FTP;SFTP; Micro SD card (support max. 256 GB) |
| Browser | IE; Chrome; Firefox |
| Management Software | 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; 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 |
| Port | |
| Audio Input | 1 channel (RCA port) |
| Audio Output | 1 channel (RCA port) |
| Alarm Input | 1 channel in: 5 mA 3-5VDC |
| Alarm Output | 1 channel out: 300 mA 12 VDC |
| Power | |
| Power Supply | 12 VDC/PoE (802.3af) |
| Power Consumption | Basic: 2.3 W (12 VDC); 3 W (PoE) Max. (H.265+intelligence on +WDR + max. illumination): 7 W (12 VDC); 8.3 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, IK10 (optional) |
| Structure | |
| Casing Material | Metal |

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| Product Dimensions | 238.5 mm x Φ 90.7 mm (9.39" x Φ 3.57") |
| Net Weight | 0.72 kg (1.90 lb) |
| Gross Weight | 0.95 kg (1.52 lb) |