

DH-IPC-HFW2431SP-S

DAHUA DH-IPC-HFW2431SP-S 4MP (2.8MM) POE NETWORK KAMERA

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| Model | DH-IPC-HFW2431SP-S |
| Brend | Dahua |
| Material | Metal |
| Qoruma | IP67 |
| Növ | IP |
| Meqapixel | 4 MP |
| İşıqlandırma məsafəsi | 30 m |
| Obyektiv | Sabit |
| Fokus | 2.8mm |
| İşıqlandırma | İR |
| Yaddaş | MicroSD |
| İş mühiti | Outdoor |



Specification

| | |
|----------------------------|---------------------------------------------------|
| Camera | |
| Image Sensor | 1/3" 4Megapixel progressive CMOS |
| Max. Resolution | 2688 (H) x 1520 (V) |
| ROM | 128 MB |
| RAM | 128 MB |
| Scanning System | Progressive |
| Electronic Shutter Speed | Auto/Manual 1/3 s-1/100000 s |
| S/N Ratio | > 56 dB |
| Min. Illumination | 0.008 Lux@F1.6 |
| Illumination Distance | 30 m (98.43 ft) |
| Illuminator On/Off Control | Auto/Manual |
| Illuminator Number | 1 (IR LED) |
| Pan/Tilt/Rotation Range | 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 |
| Max. Aperture | F1.6 F1.6 |

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| Field of View | 2.8 mm: Horizontal:102.0° × Vertical 55.0° × Diagonal 121.0° 3.6 mm : Horizontal 84.0° × Vertical 45.0° × Diagonal 100.0° | | | | |
| Iris Type | Fixed | | | | |
| Close Focus Distance | 2.8 mm: 0.9 m (2.95 ft) 3.6 mm: 1.6 m (3.61 ft) | | | | |
| DORI Distance | Lens | Detect | Observe | Recognize | Identify |
| | 2.8 mm | 56 m (183.73 ft) | 22.4 m (73.49 ft) | 11.2 m (36.75 ft) | 5.6 m (18.37 ft) |
| | 3.6 mm | 80 m (262.47 ft) | 32.0 m (104.99 ft) | 16.0 m (52.49 ft) | 8.0 m (26.25 ft) |
| Smart event | | | | | |
| IVS | Tripwire; intrusion | | | | |
| Video | | | | | |
| Video Compression | H.265; H.264; H.264B; MJPEG(only supported by sub stream) | | | | |
| Smart Codec | Smart H.265+/ Smart H.264+ | | | | |
| Video Frame Rate | Main stream: 2688 × 1520 (1 fps-20 fps) 2560 × 1440 (1 fps-25/30 fps) Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps) | | | | |
| Stream Capability | 2 streams | | | | |
| Resolution | 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) | | | | |
| 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) | | | | |
| Region of Interest(Roi) | Yes (4 areas) | | | | |
| Smart Illumination | Yes | | | | |
| Image Rotation | 0°/90°/180°/270° (Supports 90°/270° with 2688 × 1520 resolution and lower.) | | | | |
| Mirror | Yes | | | | |
| Privacy Masking | 4 areas | | | | |
| Alarm | | | | | |
| Alarm Event | No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; voltage detection; security exception | | | | |
| Network | | | | | |
| Network | RJ-45 (10/100 Base-T) | | | | |
| SDK and API | Yes | | | | |

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| 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; HTTPS; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; Bonjour |
| Interoperability | ONVIF(Profile S/Profile G/Profile T);CGI; P2P; Milestone; Genetec |
| User/Host | 20 |
| Storage | FTP; SFTP; Micro SD Card (support max. 256 GB); NAS |
| Browser | IE Chrome Firefox |
| Management Software | Smart PSS; DSS; DMSS |
| Mobile Phone | IOS; Android |
| 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 | 12V DC/PoE (802.3af) |
| Power Consumption | < 5W |
| 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 | IP67 |
| Structure | |
| Casing | Metal |
| Dimensions | 166.2 mm × Φ70 mm (6.54" × Φ2.76") |
| Net Weight | 0.48 kg (1.1 lb) |
| Gross Weight | 0.57 kg (1.3 lb) |