# IPC-HFW1431SP-0280B

DAHUA - IPC-HFW1431SP (2.8MM ) 4MP NETWORK KAMERA

## Specifications

| Model | IPC-HFW1431SP-0280B |
| --- | --- |
| Brand | Dahua |
| Qoruma | IP67 |
| Növ | IP |
| Meqapixel | 4 MP |
| ???qland?rma m?saf?si | 30 m |
| Obyektiv | Sabit |
| Fokus | 2.8mm |
| ???qland?rma | İR |
| Material | Plastik |
| ?? mühiti | Outdoor |

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## KEY FEATURES

| TechnicalSpeci?cation | |
|---|---|
| **Camera** | |
| **Image Sensor** | 1/3" 4Megapixel progresive CMOS |
| **Effective Pixels** | 2688(H)x1520(V) |
| **RAM/ROM** | 512MB/32MB |
| **Scanning System** | Progressive |
| **Electronic ShutterSpeed** | Auto/Manual, 1/3~1/100000s |
| **Minimum Illumination** | 0.08Lux/F2.0( Color,1/3s,30IRE) |
| | 0.3Lux/F2.0( Color,1/30s,30IRE) |
| | 0Lux/F2.0(IR on) |
| **S/N Ratio** | More than 50dB |
| **IR Distance** | Distance up to 30m(98ft) |
| **IR On/Off Control** | Auto/ Manual |
| **IR LEDs** | 18 |
| **Lens** | |
| **Lens Type** | Fixed |
| **Mount Type** | Board-in |
| **Focal Length** | 2.8 mm (3.6 mm optional) |
| **Max. Aperture** | F2.0/F2.0 |
| **Angle of View** | H:104°/87°, V:57°/48° |
| **Focus Control** | Fixed |
| **Close FocusDistance** | N/A |
| **PTZ** | |
| **Pan/Tilt Range** | Pan:0° ~360°;Tilt:0° ~90° ;Rotation:0° ~360° |
| **Intelligence** | |
| **Event Trigger** | Motion detection, Video tampering, Scene changing, Network disconnection, Ip address conflict, Illegal access, Storage anomaly |
| **IVS** | Tripwire, Intrusion |
| **Video** | |
| **Compression** | H.265/H.264H/MJPEG(Sub Stream) |
| **Smart Codec** | Support H.265+/H.264+ |
| **Streaming Capability** | 2 Streams |
| **Resolution** | 4M(2688x1520)/3M(2304×1296)/1080P(19 20×1080)/720P(1280×720)/VGA(640×480)/ D1(704×576/704×480)/CIF(352×288/352×240) |

| | |
|---|---|
| **Frame Rate** | Main Stream:4M(1 ~ 20fps)/3M (1 ~ 25/30fps) |
| | Sub Stream:D1(1 ~ 25/30fps) |
| **Bit Rate Control** | CBR/VBR |
| **Bit Rate** | H.265: 12K ~ 8448Kbps H.264: 32K ~ 10240Kbps |
| **Day/Night** | Auto(ICR) / Color / B/W |
| **BLC Mode** | BLC / HLC / WDR(120dB) |
| **White Balance** | Auto/Natural/Street Lamp/Outdoor/Manual |
| **Gain Control** | Auto/Manual |
| **Noise Reduction** | 3D DNR |
| **Motion Detection** | Off / On (4 Zone, Rectangle) |
| **Region of Interest** | Off / On (4 Zone) |
| **Electronic Image Stabilization (EIS)** | N/A |
| **Smart IR** | Support |
| **Digital Zoom** | 16x |
| **Flip** | 0°/90°/180°/270° |
| **Mirror** | Off / On |
| **Privacy Masking** | Off / On (4 Area, Rectangle) |
| **Audio Compression** | N/A |
| **Network** | |
| **Ethernet** | RJ-45 (10/100Base-T) |
| **Protocol** | HTTP;HTTPS;TCP;ARP;RTSP;RTP;RTCP;UDP;SMTP; FTP; DHCP;DNS;DDNS;PPPoE;IPV4/V6;QoS;UPnP; NTP;Bonjour;IEEE 802.1X;Multicast;ICMP;IGMP;TLS |
| **Interoperability** | ONVIF ProfileS&G, API |
| **Streaming Method** | Unicast / Multicast |
| **Max. UserAccess** | 10 Users/ 20 Users |
| **Edge Storage** | NAS Local PC forinstant recording |
| **Web Viewer** | IE, Chrome, Firefox, Safari |
| **Management Software** | Smart PSS,DSS, DMSS |
| **Smart Phone** | IOS, Android |
| **Certifications** | |
| **Certifications** | CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part15 Subpart B |
| **interface** | |
| **Video Interface** | N/A |
| **Audio Interface** | N/A |