

IPC-HDBW4431FP-AS-0280B

Dahua IPC-HDBW4431FP-AS-0280B 4 MP səsli IP kamera; Piksel 2688×1520; IR işıqlandırma - 20 m; F2.8 mm; Bucaq-104°; Audio (Mikrofon)



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|-----------------------|-------------------------|
| Model | IPC-HDBW4431FP-AS-0280B |
| Brend | Dahua |
| Növ | IP |
| Meqapixel | 4 MP |
| Mikrofon | Mic |
| Obyektiv | Sabit |
| Fokus | 2.8 |
| İşıqlandırma | İR |
| İşıqlandırma məsafəsi | 20 m |
| Qoruma | IP67 |
| Material | Metal |

Specification

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|--------------------------|---------------------------------------|
| Camera | |
| Image Sensor | 1/3" 4Megapixel progressive scan CMOS |
| Effective Pixels | 2688(H)x1520(V) |
| RAM/ROM | 512MB/32MB |
| Scanning System | Progressive |
| Electronic Shutter Speed | Electronic Shutter Speed |
| Minimum Illumination | 0.08Lux/F2.0(Color,1/3s,30IRE) |
| | 0.3Lux/2.0(Color,1/30s,30IRE) |
| | 0Lux/F2.0(IR on) |
| S/N Ratio | More than 50dB |
| IR Distance | Distance up to 20m (66ft) |
| IR On/Off Control | Auto/ Manual |
| IR LEDs | 10 |
| Lens | |
| Lens Type | Fixed |
| Mount Type | Board-in |
| Focal Length | 2.8mm (3.6mm, 6mm optional) |
| Max. Aperture | F2.0 (F2.0, F2.0) |
| Angle of View | H: 104° (87°, 55°), V:57° (48°, 31°) |

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|--------------------------------|--|-------------|------------|-----------|-----------|
| Optical Zoom | N/A | | | | |
| Focus Control | Fixed | | | | |
| Close Focus Distance | N/A | | | | |
| DORI Distance | Lens | Detect | Observe | Recognize | Identify |
| | 2.8 mm | 63m(207ft) | 25m(82ft) | 13m(43ft) | 6m(20ft) |
| | 3.6 mm | 80m(262ft) | 32m(105ft) | 16m(52ft) | 8m(26ft) |
| | 6.0 mm | 117m(384ft) | 47m(154ft) | 23m(75ft) | 12m(39ft) |
| Pan/Tilt/Rotation | | | | | |
| Pan/Tilt/Rotation Range | Pan:0°~60°; Tilt:0°~80°; Rotation:0°~360° | | | | |
| Intelligence | | | | | |
| IVS | Tripwire, Intrusion, Object Abandoned/Missing | | | | |
| Advanced Intelligent Functions | Face Detection | | | | |
| Video | | | | | |
| Compression | H.265+/H.265/H.264+/H.264 | | | | |
| Streaming Capability | 3 Streams | | | | |
| Resolution | 4M(2688×1520)/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) | | | | |
| Frame Rate | Main Stream: 4M(1~25/30fps) | | | | |
| | Sub Stream: D1(1~25/30fps) | | | | |
| | Third Stream: 720P(1~25/30fps) | | | | |
| Bit Rate Control | CBR/VBR | | | | |
| Bit Rate | H.264: 24~10240Kbps | | | | |
| | H.265: 14~9984Kbps | | | | |
| Day/Night | Auto(ICR) / Color / B/W | | | | |
| BLC Mode | BLC / HLC / WDR(120dB) | | | | |

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| White Balance | Auto/Natural/Street Lamp/Outdoor/Manual |
| Gain Control | Auto/Manual |
| Noise Reduction | 3D DNR |
| Motion Detetion | Off / On (4 Zone, Rectangle) |
| Region of Interest | Off / On (4 Zone) |
| Electronic Image Stabilization (EIS) | N/A |
| Smart IR | Support |
| Defog | N/A |
| Digital Zoom | 16x |
| Flip | 0°/90°/180°/270° |
| Mirror | Off / On |
| Privacy Masking | Off / On (4 Area, Rectangle) |
| Audio | |
| Compression | G.711a/ G.711Mu/ AAC/ G.726 |
| Network | |
| Ethernet | RJ-45 (10/100Base-T)/M12 D-Coding |

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| Protocol | HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP |
| Interoperability | ONVIF, PSIA, CGI |
| Streaming Method | Unicast / Multicast |
| Max. User Access | 10 Users /20 Users |
| Edge Storage | NAS Local PC for instant recording Mirco SD card 128GB |
| Web Viewer | IE, Chrome, Firefox, Safari |
| Management Software | Smart PSS, DSS, Easy4ip |
| Smart Phone | IOS, Android |
| Certifications | |
| Certifications | CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B E-mark(ECE-Regulation No.10) EN50155(Optional) |
| Interface | |
| Video Interface | N/A |
| Audio Interface | Built-in Mic |
| RS485 | N/A |
| Alarm | N/A |
| Electrical | |
| Power Supply | DC12V, PoE (802.3af)(Class 0) |
| Power Consumption | <4.5W |

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| Environmental | |
| Operating Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| Storage Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| Ingress Protection | IP67 |
| Vandal Resistance | IK10 |
| Construction | |
| Casing | Metal |
| Dimensions | Φ106mm×50.3mm (4.17"×1.98") |
| Net Weight | 0.4kg (0.88lb) |
| Gross Weight | 0.44kg (0.97lb) |