

DH-IPC-HF8301E

3MP WDR Ultra-Smart Network Camera



Features

- 1/3" 3 Megapixel progressive scan CMOS
- Support H.264/MJPEG dual codec
- Smart triple streams supported
- Max 25/30fps@3MP(2048x1536)
- Ultra WDR (Wide Dynamic Range) up to 120dB
- Ultra 3D DNR
- Ultra Defog, ROI, EIS
- Smart detection:
 - Face detection
 - Tripwire detection
 - Intrusion detection
 - Scene change detection
- Auto back focus
- 100/1000M Base-T Ethernet
- Micro SD memory, PoE

DH-IPC-HF8301E

Technical Specifications

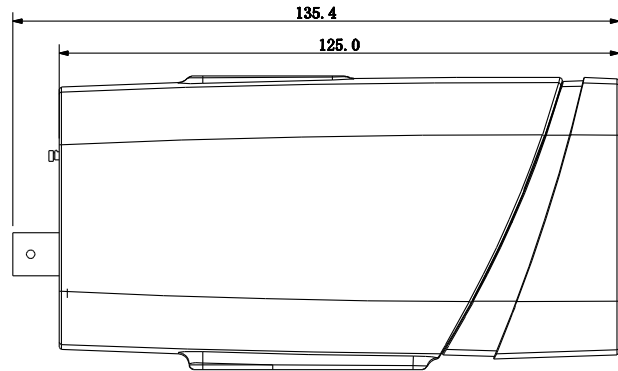
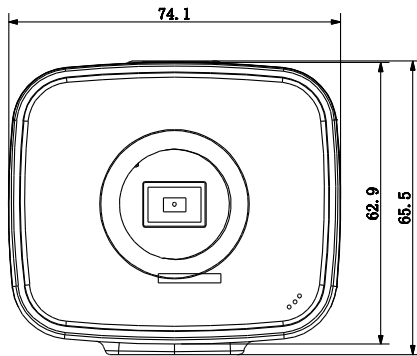
| Model | | DH-IPC-HF8301EP | DH-IPC-HF8301EN |
|--------------------------|-------------------|---|---------------------------|
| Camera | | | |
| Image Sensor | | 1/3" 3Megapixel CMOS | |
| Effective Pixels | | 2048(H)x1536(V) | |
| Scanning System | | Progressive | |
| Electronic Shutter Speed | | Auto/Manual, 1/3~1/10000s | Auto/Manual, 1/4~1/10000s |
| Min. Illumination | | 0. 1Lux/F1.2(Color), 0.01Lux/F1.2(B/W) | |
| S/N Ratio | | More than 50dB | |
| Video Output | | 1 channel BNC (1.0Vp-p,75Ω) | |
| Camera Features | | | |
| Max. IR LEDs Length | | N/A | |
| Day/Night | | Auto(ICR)/Color/B/W | |
| Backlight Compensation | | BLC / HLC / WDR 120dB | |
| White Balance | | Auto/Manual | |
| Gain Control | | Auto/Manual | |
| Noise Reduction | | 3D | |
| Privacy Masking | | Up to 4 areas | |
| EIS | | Support | |
| Ultra Defog | | Support | |
| Smart focus | | ABF | |
| Lens | | | |
| Mount Type | | C/CS | |
| Video | | | |
| Compression | | H.264/MJPEG | |
| Resolution | | 3M(2048×1536)/1080P(1920×1080)/720P(1280×720) /D1(704×576) /CIF(352×288) | |
| Frame Rate | Main Stream | 3M/1080P (1~25/30fps) | |
| | Sub Stream | D1/CIF(1 ~ 25/30fps) | |
| | Third Stream | 1080P/720P/D1(1 ~ 25/30fps) | |
| Bit Rate | | H.264: 48K ~ 8192Kbps | |
| ROI | | Up to 4 areas | |
| Audio | | | |
| Compression | | G.711a / G.711u | |
| Interface | | 1/1 channel In/Out | |
| Smart Function | | | |
| Smart detection | Tripwire | | |
| | Intrusion | | |
| | Scene change | | |
| | Missing/Abandoned | | |
| | Audio detect | | |
| | Face detect | | |
| Network | | | |

DH-IPC-HF8301E

| | |
|----------------------------|--|
| Ethernet | RJ-45 (100/1000Base-T) |
| Wi-Fi | N/A |
| Protocol | IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour |
| Compatibility | ONVIF, PSIA, CGI |
| Max. User Access | 20 users |
| Smart Phone | iPhone, iPad, Android, Windows Phone |
| Auxiliary Interface | |
| Memory Slot | Micro SD, Max 64GB |
| RS485 | 1 |
| Alarm | 2/1 channel In/Out |
| General | |
| Power Supply | DC12V/AC24V, PoE (802.3af) |
| Power Consumption | Max 3.5W |
| Working Environment | -30°C~+60°C, Less than 95% RH |
| Ingress Protection | N/A |
| Dimensions | 74.1mm×65.5mm×135.4mm |
| Weight | 0.3Kg |

DH-IPC-HF8301E

Dimensions (mm)



Accessory (optional)

| | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
| PFB120W | PFB121W | PFA121 | PFA152 | PFA151 |

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*Design and specifications are subject to change without notice.

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