

### 3MP WDR Ultra-Smart Network IR-Bullet 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 IR technology
- Smart detection:
  - Face detection
  - Tripwire detection
  - Intrusion detection
  - Scene change detection
- 100/1000M Base-T Ethernet
- Micro SD memory, IP66, PoE,

### Technical Specifications

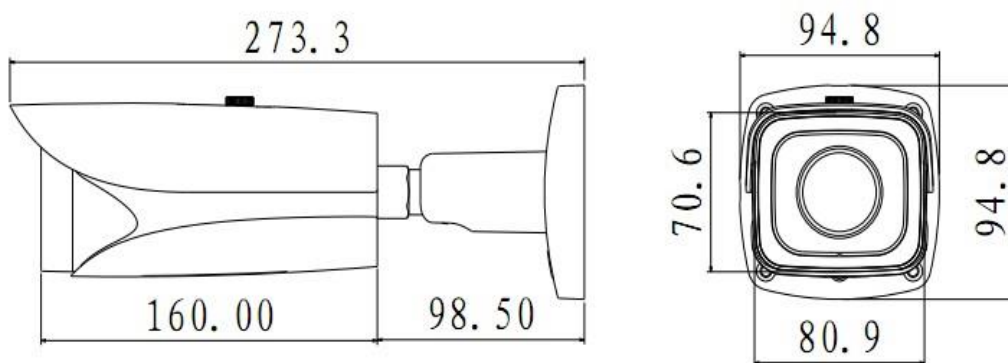
| Model                    |              | IPC-HFW8301EP   | IPC-HFW8301EN             |
|--------------------------|--------------|---|---------------------------|
| <b>Camera</b>            |              |   |                           |
| Image Sensor             |              | 1/3" 3Megapixel Aptina 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        |              | Color: 0.1Lux/F1.2, B/W: 0.01Lux/F1.2; 0Lux/F1.2(IR on)                     |                           |
| S/N Ratio                |              | More than 50dB  |                           |
| Video Output             |              | 1 channel BNC (1.0Vp-p, 75Ω)  |                           |
| <b>Camera Features</b>   |              |   |                           |
| Max. IR LEDs Length      |              | 30m, Smart IR technology  |                           |
| 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   |                           |
| <b>Lens</b>              |              |   |                           |
| Focal Length             |              | 2.7mm~12mm  |                           |
| Max Aperture             |              | F1.4  |                           |
| Focus Control            |              | Manual  |                           |
| Angle of View            |              | H: 82°~25°  |                           |
| Lens Type                |              | Manual/ Auto Iris(DC)   |                           |
| Mount Type               |              | Board-in Type   |                           |
| <b>Video</b>             |              |   |                           |
| Compression              |              | H.264/MJPEG   |                           |
| Resolution               |              | 3M(2048×1536)/1080P(1920×1080)/720P(1280×720)<br>/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   |                           |
| <b>Audio</b>             |              |   |                           |
| Compression              |              | G.711a / G.711u   |                           |
| Interface                |              | 1/1 channel In/Out  |                           |
| <b>Smart Function</b>    |              |   |                           |
| Smart detection          | Tripwire     |   |                           |
|                          | Intrusion    |   |                           |
|                          | Scene change |   |                           |

# Product Specifications

## IPC-HFW8301E

|                            |  |
|----------------------------|--|
|                            | Missing/Abandoned  |
|                            | Audio detect   |
|                            | Face detect  |
| <b>Network</b>             |  |
| Ethernet                   | RJ-45 (10/100/1000Base-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   |
| <b>Auxiliary Interface</b> |  |
| Memory Slot                | Micro SD, Max 64GB   |
| Alarm                      | 1/1 channel In/Out   |
| <b>General</b>             |  |
| Power Supply               | DC12V(AC24V optional), PoE (802.3af)   |
| Power Consumption          | Max 12W  |
| Working Environment        | -20°C~+60°C, Less than 90% RH  |
| Ingress Protection         | IP66   |
| Dimensions                 | 273.3mm × 94.8mm × 94.8mm  |
| Weight                     | 1.3kg  |

### Dimensions (mm)



### Accessory (optional)



PFA121