

## DH-IPC-HFW4421E

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4MP Full HD WDR Network Small IR Bullet Camera



### Features

- 1/3" 4Megapixel progressive scan CMOS
- H.264 & MJPEG triple-stream encoding
- Smart Detection supported
- Max 20fps@4M(2560×1440) & 25/30fps@3M(2304×1296)
- WDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs Length 40m
- IP67, PoE

# DH-IPC-HFW4421E

## Technical Specifications

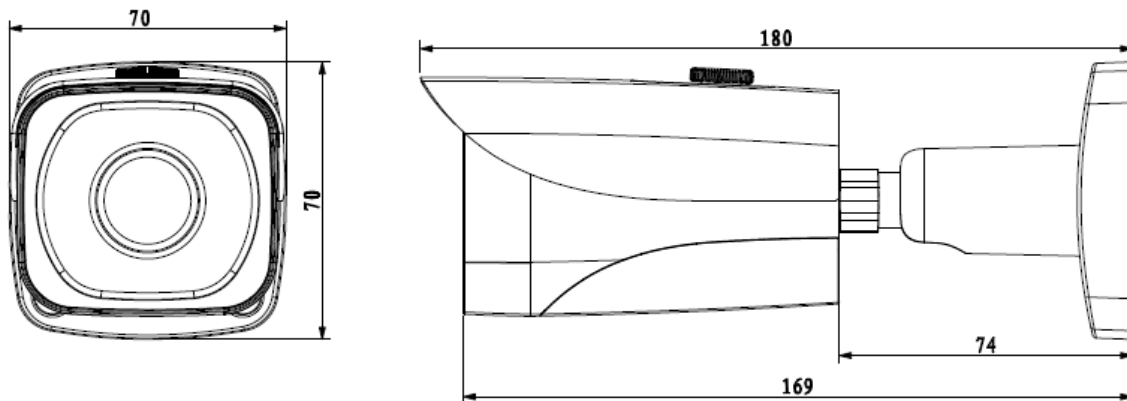
|                          |  |  |
|--------------------------|--|--|
| <b>Model</b>             |  | <b>DH-IPC-HFW4421E</b>                             |
| <b>Camera</b>            |  |  |
| Image Sensor             | 1/3" 4Megapixel progressive scan CMOS  |  |
| Effective Pixels         | 2688(H)x1520(V)  |  |
| Scanning System          | Progressive  |  |
| Electronic Shutter Speed | Auto/Manual, 1/3(4)~1/10000s   |  |
| Min. Illumination        | 0.01Lux/F2.0 (Color), 0Lux/F2.0(IR on)   |  |
| S/N Ratio                | More than 50dB   |  |
| Video Output             | N/A  |  |
| <b>Camera Features</b>   |  |  |
| Max. IR LEDs Length      | 40m  |  |
| 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  |  |
| <b>Lens</b>              |  |  |
| Focal Length             | 3.6mm (6mm optional)   |  |
| Max Aperture             | F2.1(F2.0)   |  |
| Focus Control            | Manual   |  |
| Angle of View            | H:84°(56°)   |  |
| Lens Type                | Fixed lens   |  |
| Mount Type               | Board-in Type  |  |
| <b>Video</b>             |  |  |
| Compression              | H.264/H.264H/H.264B/MJPEG  |  |
| Resolution               | 4M(2560×1440)/3M(2304×1296)/1080P(1920×1080)720P(1280×720) /D1(704×576/704×480) / CIF(352×288/352×240) |  |
| Frame Rate               | Main Stream  | 4M(1~20fps)/3M(1~25/30fps)                         |
|                          | Sub Stream   | D1/CIF(1~25/30fps)                                 |
|                          | Third Stream   | 720P(1-5/8fps)(WDR on)<br>720P(1-18/2fps)(WDR off) |
| Bit Rate                 | H.264: 32Kbps~10Mbps   |  |
| Corridor Mode            | Support  |  |
| <b>Audio</b>             |  |  |
| Compression              | N/A  |  |
| Interface                | N/A  |  |
| <b>Smart Function</b>    |  |  |
| Smart detection          | Tripwire   |  |
|                          | Intrusion  |  |
|                          | Scene change   |  |
|                          | Face detect  |  |

## DH-IPC-HFW4421E



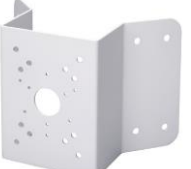
|                            |  |
|----------------------------|--|
| Ethernet                   | RJ-45 (10/100Base-T)   |
| <b>Network</b>             |  |
| Wi-Fi                      | N/A  |
| Protocol                   | IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, 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                | N/A  |
| RS485                      | N/A  |
| Alarm                      | N/A  |
| PIR Sensor Range           | N/A  |
| <b>General</b>             |  |
| Power Supply               | DC12V, PoE (802.3af)   |
| Power Consumption          | < 6W   |
| Working Environment        | -40°C~+60°C, Less than 95% RH  |
| Ingress Protection         | IP67   |
| Vandal Resistance          | N/A  |
| Dimensions                 | 70mm×70mm×180mm  |
| Weight                     | 0.4kg(0.528kg with packaging)  |

# DH-IPC-HFW4421E

## Dimensions (mm)



## Accessories (optional)

|  |  |  |
|--|--|--|
|  |  |  |
| PFA121   | PFA152   | PFA151   |

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\*Design and specifications are subject to change without notice.

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