

## DH-IPC-HFW44A1EN(-I)

### 4MPHD WDR Network Small IR Bullet Camera



### Features

- 1/3" 4Megapixel progressive scan CMOS
- Support H.264&MJPEG dual codec
- Max 20fps@4M(2688×1520)&30fps@3M(2304×1296)
- Smart Detection supported
- WDR(120dB), 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-HFW44A1EN(-I)

## Technical Specifications

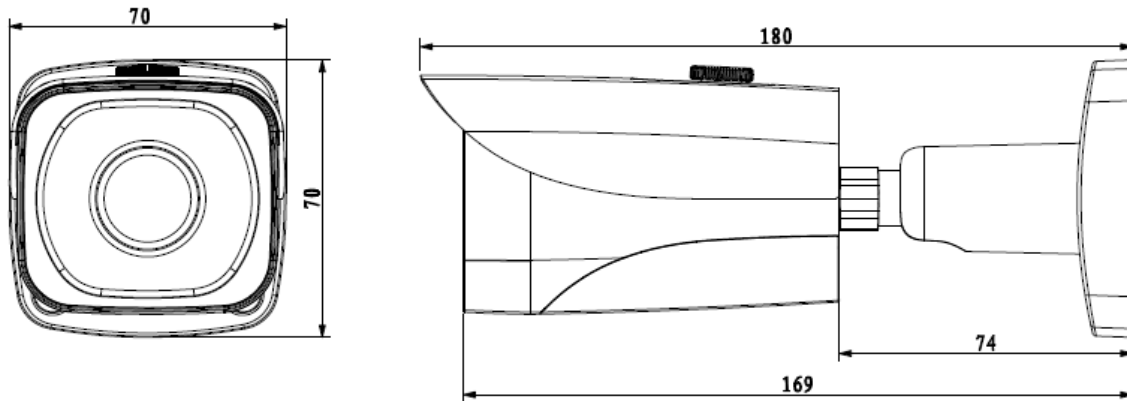
|                                            |                   |                                                                                                        |
|--------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------|
| <b>Model</b>                               |                   | <b>DH-IPC-HFW44A1EN(-I)</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)~1/100000s                                                                          |
| 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/Sunny/Night/Outdoor/Customized                                                                    |
| 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(1~30fps)                                                                                |
|                                            | Sub Stream        | D1/CIF(1~30fps)                                                                                        |
|                                            | Third Stream      | 720P(1-20fps)                                                                                          |
| Bit Rate                                   |                   | H.264: 32Kbps~10Mbps                                                                                   |
| Corridor Mode                              |                   | Support                                                                                                |
| <b>Audio</b>                               |                   |                                                                                                        |
| Compression                                |                   | N/A                                                                                                    |
| Interface                                  |                   | N/A                                                                                                    |
| <b>Smart Function(Only for "-I" model)</b> |                   |                                                                                                        |
| Smart detection                            | Tripwire          |                                                                                                        |
|                                            | Intrusion         |                                                                                                        |
|                                            | Abandoned/Missing |                                                                                                        |
|                                            | Scene Change      |                                                                                                        |
|                                            |                   | Audio detect                                                                                           |

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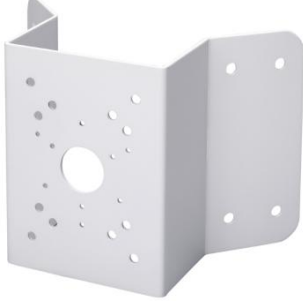
|                            |                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | Face detect                                                                                                                                          |
| <b>Network</b>             |                                                                                                                                                      |
| Ethernet                   | RJ-45 (10/100Base-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, 802.1x |
| 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        | -30°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-HFW44A1EN(-I)

### Dimensions (mm)



### Accessories (optional)

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