

# DH-IPC-K35S

## 3MP K Series Dual Band Wi-Fi Network Camera



- 1/3" 3Megapixel progressive CMOS
- H.264 & MJPEG dual-stream encoding
- 20fps@3M(2304x1296)&25/30fps@2M (1920x1080)
- 100° horizontal view angle
- IR Distance 10m
- Cloud Support
- 802.11ac Dual Band Wi-Fi Support
- Micro SD card slot, up to 128GB
- Alarm in/out,PIR
- DC12V



### System Overview

Wi-Fi series camera features wireless operation that saves wiring and installation time in great deal. The resolution of home Wi-Fi series camera is up to 3-Megapixel and it can connect with Lechange app for remote control and viewing. The footage can be saved in both local storage and cloud storage. It is ideal for home or business owners who want to stay aware of their property 24/7.

### Functions

#### True Day/Night

A day/night mechanical IR cut filter makes this camera ideal for applications with fluctuating lighting conditions, delivering color images during the day and automatically switching to monochrome as the scene darkens

#### Smart IR

With IR illumination, detailed images can be captured in low light or total darkness. The camera's Smart IR technology adjusts to the intensity of camera's infrared LEDs to compensate for the distance of an object. Smart IR technology prevents IR LEDs from whiting out images as they come closer to the camera. The camera's integrated infrared illumination provides high performance in extreme low-light environments up to 10m (33ft).

#### Image flip

Capturing unnecessary data such as surrounding hallway walls can increase storage requirements without any added value. The image flip feature allows the camera's image to be rotated in 90° increments for better video optimization.

#### Protection

Supporting  $\pm 10\%$  input voltage tolerance, this camera suits even the most unstable conditions for outdoor applications. Its 2KV lightning rating provides protection against the camera and its structure from

the effects of lightning.

#### Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) specifications, ensuring interoperability between network video products regardless of manufacturer

### Technical Specification

#### Camera

|                      |                                       |
|----------------------|---------------------------------------|
| Image Sensor         | 1/3" 3Megapixel progressive CMOS      |
| Effective Pixels     | 2304(H) x1536(V)                      |
| RAM/ROM              | 256MB/16MB                            |
| Scanning System      | Progressive                           |
| Minimum Illumination | 0.78Lux/F2.0(Color), 0Lux/F2.0(IR on) |
| S/N Ratio            | More than 50dB                        |
| IR Distance          | Distance up to 10m(33ft)              |
| IR On/Off Control    | Auto/ Manual                          |
| IR LEDs              | 1                                     |

#### Lens

|                      |                |
|----------------------|----------------|
| Lens Type            | Fixed          |
| Mount Type           | Board-in       |
| Focal Length         | 2.8mm          |
| Max. Aperture        | F2.0           |
| Angle of View        | H:100°;V:54.5° |
| Focus Control        | Fixed          |
| Close Focus Distance | N/A            |

#### PTZ

|                |   |
|----------------|---|
| Pan/Tilt Range | Pan:0° ~360° ;Tilt:-10° ~90° ;Rotation:0° ~360° |
|----------------|---|

#### Video

|                      |  |
|----------------------|--|
| Compression          | H.264/H.264B/H.264H/MJPEG  |
| Streaming Capability | 2 Streams  |
| Resolution           | 3M(2048x1536)/3M(2304x1296)/1080P(1920x1080)/1.3M(1280x960)/720P(1280x720)/VGA(640 x480)/QVGA(320x240) |
| Frame Rate           | 3M(1~20fps)/2M(1~25/30fps)<br>VGA/QVGA(1~25/30fps)   |
| Bit Rate Control     | CBR/VBR  |
| Bit Rate             | H264:32K ~ 1024Kbps  |
| Day/Night            | Auto(ICR) / Color / B/W  |
| BLC Mode             | BLC / HLC / DWDR   |

|                                      |   |
|--------------------------------------|---|
| White Balance                        | Auto/Natural/Street Lamp/Outdoor/Manual |
| Gain Control                         | Auto/Manual                             |
| Noise Reduction                      | 3D DNR                                  |
| Motion Detection                     | Off / On (4 Zone, Rectangle)            |
| Electronic Image Stabilization (EIS) | Support                                 |
| Smart IR                             | Support                                 |
| 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 |
|-------------|--------------------|

#### Network

|                     |   |
|---------------------|---|
| Ethernet            | RJ-45 (10/100Base-T)  |
| Wi-Fi               | 2.4GHz & 5GHz Wi-Fi(IEEE802.11a/b/g/n/ac)<br>50m(open field)  |
| Protocol            | HTTP;HTTPS;TCP;ARP;RTSP;RTP;UDP;SMTP;FTP;DHCP;DNS;DDNS;IPv4/v6;QoS;UPnP;NTP;Bonjour;Multicast;IGMP; |
| Interoperability    | ONVIF, PSIA, CGI  |
| Streaming Method    | Unicast / Multicast   |
| Max. User Access    | 10 Users/20 Users   |
| Edge Storage        | NAS(Network Attached Storage)<br>Local PC for instant recording<br>Micro SD Card (up to 128GB)      |
| Web Viewer          | IE, Chrome, Firefox, Safari   |
| Management Software | Smart PSS, DSS, Lechange  |
| Smart Phone         | iOS, Android  |

#### Certifications

|                |  |
|----------------|--|
| Certifications | CE (EN 60950:2000)<br>UL:UL60950-1<br>FCC: FCC Part 15 Subpart B |
|----------------|--|

#### Interface

|                 |                        |
|-----------------|------------------------|
| Video Interface | N/A                    |
| Audio Interface | Built-in Mic & Speaker |
| RS485           | N/A                    |
| Alarm           | 1/1,PIR                |

#### Electrical

|                   |        |
|-------------------|--------|
| Power Supply      | DC12V  |
| Power Consumption | <4.85W |

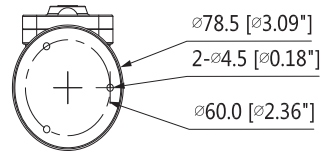
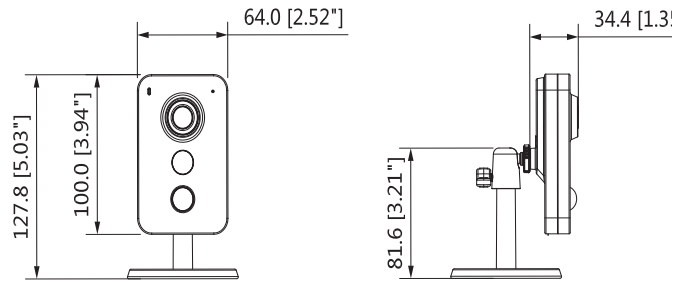
Environmental

|                      |  |
|----------------------|--|
| Operating Conditions | -10°C ~ +45°C (14°F ~ +113°F) / Less than 95% RH |
| Storage Conditions   | -10°C ~ +45°C (14°F ~ +113°F) / Less than 95% RH |
| Ingress Protection   | N/A  |
| Vandal Resistance    | N/A  |

Construction

|              |                               |
|--------------|-------------------------------|
| Casing       | Plastic                       |
| Dimensions   | Φ78.5mm×127.8mm(3.09" x5.03") |
| Net Weight   | 0.31Kg (0.68lb)               |
| Gross Weight | 0.45Kg (0.99lb)               |

Dimensions (mm/inch)



Ordering Information

| Type       | Part Number  | Description                                       |
|------------|--------------|---|
| 3MP Camera | DH-IPC-K35SP | 3MP K Series Dual Band Wi-Fi Network Camera, PAL  |
|            | DH-IPC-K35SN | 3MP K Series Dual Band Wi-Fi Network Camera, NTSC |
|            | IPC-K35SP    | 3MP K Series Dual Band Wi-Fi Network Camera, PAL  |
|            | IPC-K35SN    | 3MP K Series Dual Band Wi-Fi Network Camera, NTSC |