

# DH-IPC-K35A

### 3MP K Series PoE Network Camera



- · 1/3" 3Megapixel progressive CMOS
- · H.264 & MJPEG dual-stream encoding
- · 20fps@3M(2304x1296)&25/30fps@2M (1920×1080)
- · 100° horizontal view angle
- · IR Distance 10m
- · Cloud Support
- · Micro SD card slot, up to 128GB
- · Alarm in/out,PIR
- · DC12V, PoE









#### **System Overview**

The PoE supported IR Fixed K-Series camera delivers 3MP resolution. It can connect with Lechange app for remote control and viewing. The footage can be saved in local storage and cloud storage both. It is ideal for home or business owners who want to stay aware of their property 24/7.

#### **Functions**

#### Lechange

Cloud service and Lechange app allows you monitor what's happening at home anytime and anywhere. Alarm notice is pushed to your app in real time, so you'll not miss anything important. And you can record your daily or motion videos on cloud storage along with SD card or other local storage.

## 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 6KV lightning rating provides protectection against the camera and its structure from the effects of lightning.

Camera   Image Sensor	<b>Technical Specification</b>		
Effective Pixels         2304(H) x1536(V)           RAM/ROM         256MB/16MB           Scanning System         Progressive           Minimum Illumination         0.78Lux/F2.0(Color), OLux/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           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         Video         Streaming Capability         2 Streams           Resolution         3M(2048:1536)/3M(2304:1296)/1080/1/3M(1280:8960)/720P(1280:720)/CAJG(400:480)/QVGAJG(20:240)         3M(1~20fps)/2M(1~25/30fps)           Frame Rate         3M(1~20fps)/2M(1~25/30fps)         VGA/QVGAJ(1~25/30fps)           Bit Rate Control         CBR/VBR           Bit Rate         H264:32K ~ 10240Kbps           Day/Night	Camera		
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           Max. Aperture         F2.0           Angle of View         H:100°;V:54.5°           Focus Control         Fixed           Close Focus Distance         N/A           PTZ         Pan:0° ~360° ;Tilt:-10° ~90° ;Rotation:0° ~360°           Video         Video           Compression         H.264/H.264B/H.264H/MJPEG           Streaming Capability         2 Streams           Resolution         3M(2048×1536)/3M(2304×1296)/13M(1280×960)/7220(1280×720)/VGA(640 ×480)/QVGA(1290×240)           Frame Rate         3M(1~20fps)/2M(1~25/30fps)           VGA/QVGA(1~25/30fps)         VGA/QVGA(1~25/30fps)           Bit Rate         H264:32K~10240Kbps           Day/Night         Auto(ICR) / Color / B/W	Image Sensor	1/3" 3Megapixel progressive CMOS	
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IR Distance	Minimum Illumination	0.78Lux/F2.0(Color), 0Lux/F2.0(IR on)	
IR On/Off Control   Auto/ Manual   IR LEDs   1	S/N Ratio	More than 50dB	
IR LEDS         1           Lens         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(2048*1536)/3M(2304*1296)/1080P(1920*1080)/1.3M(1280*960)/720P(1280*720)/VGA(640 *480)/QVGA(320*240)           Frame Rate         3M(1~20fps)/2M(1~25/30fps)           Frame Rate         3M(1~20fps)/2M(1~25/30fps)           Bit Rate Control         CBR/VBR           Bit Rate         H264:32K ~ 10240Kbps           Day/Night         Auto(ICR) / Color / B/W	IR Distance	Distance up to 10m(33ft)	
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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(2048×1536)/3M(2304×1296)/1080)/1.3M(1280×960)/720P(1280×720)/VGA(640 ×480)/QVGA(320×240)           Frame Rate         3M(1~20fps)/2M(1~25/30fps)           Frame Rate         VGA/QVGA(1~25/30fps)           Bit Rate Control         CBR/VBR           Bit Rate         H264:32K ~ 10240Kbps           Day/Night         Auto(ICR) / Color / B/W	Lens		
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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         Video           Compression         H.264/H.264B/H.264H/MJPEG           Streaming Capability         2 Streams           Resolution         3M(2048×1536)/3M(2304×1296)/1080P(1920×1080)/1.3M(1280×960)/720P(1280×720)/VGA(640×480)/QVGA(320×240)           Frame Rate         3M(1~20fps)/2M(1~25/30fps)           Frame Rate         VGA/QVGA(1~25/30fps)           Bit Rate Control         CBR/VBR           Bit Rate         H264:32K~10240Kbps           Day/Night         Auto(ICR) / Color / B/W	Mount Type	Board-in	
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Frame Rate  VGA/QVGA(1~25/30fps)  Bit Rate Control  CBR/VBR  Bit Rate  H264:32K ~ 10240Kbps  Day/Night  Auto(ICR) / Color / B/W	Resolution	1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/VGA(640 ×480)/	
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Day/Night Auto(ICR) / Color / B/W	Bit Rate Control	CBR/VBR	
	Bit Rate	H264:32K ~ 10240Kbps	
BLC / HLC / DWDR	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)	N/A	
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)	
Protocol	HTTP;HTTPs;TCP;ARP;RTSP;RTP;UDP;SMTP;FTP; DHCP;DNS;DDNS;IPv4/v6;QoS;UPnP;NTP; Bonjour;Multicast;ICMP;IGMP;	
Interoperability	PSIA, CGI	
Streaming Method	Unicast / Multicast	
Max. User Access	10 Users/20 Users	
Edge Storage	NAS(Network Attached Storage) Local PC for instant recording, 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) UI:UL60950-1 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, PoE(802.3af)(class0)	
Power Consumption	<5W	

# Consumer Series | DH-IPC-K35A

#### Environmental

Operating Conditions	-10°C ~ +45°C (14°F ~ +113°F) / Less than 95% RH
Strorage 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)

Ordering Information			
Туре	Part Number	Description	
3MP Camera	DH-IPC-K35AP	3MP K Series PoE Network Camera, PAL	
	DH-IPC-K35AN	3MP K Series PoE Network Camera, NTSC	
	IPC-K35AP	3MP K Series PoE Network Camera, PAL	
	IPC-K35AN	3MP K Series PoE Network Camera, NTSC	

# Dimensions (mm/inch)





