

DH-IPC-K15

1.3MP K series Wi-Fi Network Camera



- .1/3" 1.3Megapixel CMOS
- .H.264/MJPEG dual-encoding
- .30fps@1.3MP(1280×960)
- .IR 10m
- .92° horizontal view angle
- .Easy4ip cloud support
- .Wi-Fi support
- .Micro SD card, up to 128GB
- .Built-in Mic & Speaker
- .Alarm in/out, PIR
- .DC12V

System Overview

The IR Megapixel Fixed K-Series Cube camera delivers 1.3MP resolution. The camera's elegant blend of aesthetics combined with a range of easy mounting solutions provides an excellent choice for a variety of small to Wi-Fi applications at an affordable price.

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.

Regions of Interest

Regions of Interest (ROI) is a user defined feature that allows the operator to monitor specific areas of a scene while still maintaining overall situational awareness of less important areas.

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.

Functions

Protection

Supporting $\pm 25\%$ input voltage tolerance, this camera suits even the most unstable conditions for outdoor applications. Its 8KV lightning rating provides protection against the camera and its structure from the effects of lightning.

Streaming

With a choice of unicast or multicast streaming, bandwidth-efficient viewing, recording and third-party video management can easily be achieved. Dual streaming enables bandwidth-efficient viewing and recording. Depending on the resolution and frame rate selected on the first stream, the second stream provides a copy at a lower resolution.

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"1.3Megapixel CMOS
Effective Pixels	1280(H)x960(V)
RAM/ROM	256MB/16MB
Scanning System	Progressive
Minimum Illumination	0.85lux/F2.5(color),0lux/F2.5 (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	F2.5
Angle of View	H: 92°; V: 66°
Focus Control	Manual
Close Focus Distance	N/A

PTZ

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

Compression	H.264/MJPEG
Streaming Capability	2 Streams
Resolution	1.3MP/720P/VGA/QVGA
Frame Rate	1.3MP/720P(1~30fps) VGA/QVGA(1~30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 32K ~ 10Mbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / DWDR
White Balance	Auto/Sunny/Night/Outdoor /Customized
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detetion	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
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
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Network

Ethernet	RJ45
Wi-Fi	Wi-Fi(IEEE802.11b/g/n) 50m(open field)
Protocol	HTTP;HTTPs;TCP;ARP;RTSP;RTP; UDP;SMTP;FTP;DHCP;DNS;DDNS; ;QoS;UPnP;NTP; Bonjour;Multicast;ICMP; IGMP
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast
Max. User Access	10 Users
Edge Storage	NAS, Local PC for instant recording, Micro SD card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS, Easy4ip
Smart Phone	IOS, Android

Certifications

Certifications	CE (EN 60950:2000) UL: UL60950-1 FCC: FCC Part 15 Subpart B
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Interface

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

Electrical

Power Supply	DC12V1A
Power Consumption	<4.5W

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 & Vandal Resistance	N/A

Construction

Casing	Plastics
Dimensions	Φ 78.5mm×127.8mm
Net Weight	0.31Kg (0.68lb)
Gross Weight	0.45Kg (0.99lb)

Ordering Information

Type	Part Number	Description
1.3MP Camera	DH-IPC-K15P	1.3MP K series Wi-Fi Camera, DWDR, PAL
	DH-IPC-K15N	1.3MP K series Wi-Fi Camera, DWDR, NTSC
	IPC-K15P	1.3MP K series Wi-Fi Camera, DWDR, PAL
	IPC-K15N	1.3MP K series Wi-Fi Camera, DWDR, NTSC

Dimensions (mm/inch)

