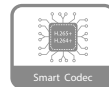


IPC-K42A

4MP IR Network Camera



- 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- Outputs max. 4MP (2560 × 1440) @25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Max. IR distance: 10 m
- Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- H.264/H.265, flexible coding, applicable to various bandwidth and storage environments
- Alarm: 1 in, 1 out; 256 G SD card, built-in Mic and speaker
- Supports 256 G Micro SD card
- 12V DC/PoE power supply, easy for installation
- Supports PIR



Series Overview

With features of simple installation, easy operation, and high performance-cost ratio, Dahua Entry series network camera is applicable to small and medium-sized scenes, such as homes/residences, small-sized retail stores, and other small and medium-sized enterprises.

Functions

Smart H.265+ & Smart H.264+

With advanced scene-adaptive rate control algorithm, Dahua smart encoding technology realizes the higher encoding efficiency than H.265 and H.264, provides high-quality video, and reduces the cost of storage and transmission.

WDR

With advanced Wide Dynamic Range (WDR) technology, Dahua network camera provides clear details in the environment of strong brightness contrast. The bright and dark area can get clear video even in high brightness environment or with backlight shadow.

Smart Illumination

Dahua Smart Illumination technology can display image in the environment of low illuminance or completely dark environment. According to the distance of the targets, the camera adjusts illuminations intensity automatically to display the details of the moving target.

Motion Detection

When moving objects appear in the monitoring image, Dahua Motion Detection (General) technology triggers alarm or records.

Day/Night

Dahua Day/Night function provides color image when illumination is adequate; when illuminance is inadequate, it switches night mode and provides white and black image. It can guarantee that the network camera can work normally when illuminance changes.

Voice Call

With built-in high-sensitivity Mic and high-power speaker, the camera can realize voice call through DMSS client.

Port

Alarm Input	1 channel in: 5mA 3V~5V DC
Alarm Output	1 channel out: 300mA 12V DC

Power

Power Supply	12V DC/PoE
Power Consumption	Max 3.3W (12V DC)

Environment

Operating Conditions	-10°C to +45°C (14°F to +113°F)/Less than 95%RH
Storage Conditions	-40°C to +60°C (-40°F to +140°F)

Structure

Casing	Plastic
Dimensions	Φ78.5 mm × 90.5 mm × 127.8 mm (3.1" × 3.6" × 5.0") (L × W × H)
Net Weight	170 g (0.4 lb)
Gross Weight	270 g (0.6 lb)

Ordering Information

Type	Model	Description
4MP Camera	DH-IPC-K42AP	4MP IR Network Camera, PAL
	DH-IPC-K42AN	4MP IR Network Camera, NTSC

Dimensions (mm[inch])

