

**IP-COM**

# **IK8P-4BC**

**4MP Full-Color PoE Security Kit  
8 Cameras and 1 NVR**

# IK8P-4BC

## 4MP Full-Color PoE Security Kit (4 Cameras and 1 NVR)

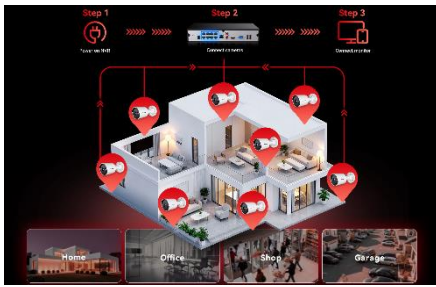
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## Description

Enterprise-Grade ONVIF-Compliant PoE Security System: Integrates a 4K NVR (supports up to 10TB HDD) with 8 × 4MP HD metal weatherproof cameras (8 bullet cameras). Utilizes IEEE 802.3af power delivery and H.265+ encoding for optimized operation. Deploys across stores, garages, factories, indoor/outdoor homes, and offices with IP67-rated all-weather protection and industrial-grade reliability. Provides multi-platform access via Web interfaces, PC clients, and mobile apps for live viewing, playback, management, and real-time alarm notifications. Complete with all accessories for easy installation.

# Main Features



## Plug and Play

Simply plug in power, connect network cable, and they will automatically search, add, and display video feed. No additional configuration needed.



## Complete Accessories Effortless Installation

The abundant accessories are included in the kit for building the small security system. (Note: metal casing for both cameras and NVR.

Cameras: indoor/outdoor. NVR: indoor only.)



## Support 4K HDMI Output for Clearer Horizons

NVR supports 4K HDMI output with 3840x2160 resolution, delivering exceptional clarity and detail even when zoomed.



## 4MP QHD Excellent Night Vision

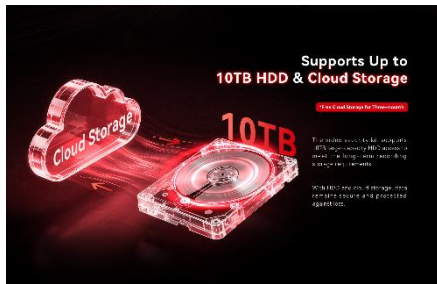
IP Camera is equipped with a 4MP high-performance CMOS image sensor, delivering a resolution of 2560x1440. With 30-meter infrared and full-color night vision, it enables high-definition recording even in dark environments or at ultra-long distances.



## HDD Management for Extended Lifespan

The file system is specifically designed for video surveillance. It can automatically detect, identify, and skip bad sectors on the HDD, ensuring complete recordings and extending HDD lifespan.

# Main Features



## Supports Up to 10TB HDD & Cloud Storage

The video security kit supports 10TB large-capacity HDD access to meet the long-term recording storage requirements. With HDD and cloud storage, data remains secure and protected against loss.



## AI Detection Quick Category Retrieval

The system categorizes motion detection, boundary-crossing detection, and intrusion detection videos by human or vehicle for quick search, and overlays detection boxes on targets.



## Easy Remote Control Anywhere

The video security kit enables remote monitoring via IP-COM View App, IP-COM View Studio PC client, and plug-in-free browser. You can view and play back video, receive alarm notifications, and handle alerts right from your phone, anytime and anywhere.

# Specifications

Model PoE HD Network Video Recorder	
Video & Audio Input	
IP Video Input	8-ch
IP Video Resolution	4MP
Input Bandwidth	60 Mbps
Audio Input	1-ch, RCA (2.0 Vp-p, 10kΩ)
Video & Audio Output	
HDMI Output	1-ch, 4K(3840×2160)/30Hz, 2560 × 1440/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output
Output Bandwidth	60 Mbps
Audio Output	1-ch, RCA (2.0 Vp-p, 10kΩ)
Video & Audio Decoding	
Video Decoding Format	H.265+, H.265, H.264+, H.264
Audio Decoding Format	G.711A, G.711U, G726
Recording Resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1
Decoding Capability	4-ch@1080P(30 fps)
Stream Type	Video, Video & Audio

## Specifications

### Recording Management

Record Mode	Normal, Alarm
Playback Mode	Instant, Channel, File, Tag
Sync Playback	Up to 8-ch
Backup Mode	USB device

### Network Management

Ethernet Port	1 RJ45, 10Mbps/100Mbps auto-negotiation Ethernet port
Network Protocol	HTTP, HTTPS, WebSockets, TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, DDNS
Client	TDSEE (mobile phone), TDSEE Studio (PC)
Web Browser	Plug-in free live view : Chrome, Edge, Opera

### PoE

PoE Port	8 RJ45, 10Mbps/100Mbps auto-negotiation Ethernet ports
PoE Standard	IEEE 802.3at/802.3af
PoE Power	≤70 W

### HDD Storage

HDD Interface	1 SATA 3.0 interface
Capacity	Up to 10 TB capacity for each HDD

## Specifications

External Interface	
USB Port	2 x USB 2.0
General	
Power	53 VDC, 1.2 A
Dimension	255 mm x 216 mm x 44 mm (10" x 8.5" x 1.9")
Weight (Without HDD)	768g(1.69lb)
Certification	CCC, CE, FCC, RoHS
Installation Method	Desktop mounting, wall mounting
Temperature	Operating Temperature: 0°C - 40°C (32°F - 104°F) Storage Temperature: -30°C - 70°C (-22°F - 158°F)
Humidity	Operating Humidity: 10% - 90% RH (non-condensing) Storage Humidity: 5% - 95% RH (non-condensing)
PoE Security Camera	
Image Sensor	1/3" Progressive Scan CMOS sensor
Max. Resolution	2560 x 1440
Day and Night	Built-in IR-CUT Dual Filters
Digital Noise Reduction	3D DNR
DWDR	Support
Backlight Compensation	Support
Fill Light	2 infrared and white light combined illuminators
Infrared Fill Light Distance	Up to 30 m/100 ft (depending on environment)
Night Vision Mode	Smart Mode, Full Color Mode, Black & White Mode

## Specifications

### Lens Specifications

Lens Type	4 mm@F1.6
FOV	Horizontal FOV: 79.1°, Vertical FOV: 43.3°, Diagonal FOV: 94.9°

### Video Specifications

Video Encoding Format	H.265+, H.265, H.264
Main Stream	2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720
Sub Stream	640 x 360, 352 x 288
Frame Rate	PAL: 1-25fps, Default 25fps NTSC: 1-30fps, Default 30fps

### Audio Specifications

Audio Encoding Format	G.711A, G.711U, AAC
Audio Sampling Rate	8 kHz

### Network Management

Ethernet Port	1 RJ45, 10Mbps/100Mbps auto-negotiation Ethernet port
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### Smart Alarm

Smart Detection	Motion Detection, Human Detection, Vehicle Detection, Line Crossing Detection, Intrusion Detection, Video Tampering
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### External Interface

Audio Input	Built-in MIC
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## Specifications

General	
Power	PoE: IEEE 802.3af
Casing Material	Metal
Dimension	66mm x 66mm x 130mm (2.61" x 2.61" x 5.12")
Weight	324g(0.71lb)
Protection Level	IP67
Installation Method	Wall Mounting, Ceiling Mounting, Pole Mounting (Additional Bracket is Required)
Certification	CE, FCC, RoHS, UKCA
Temperature	Operating Temperature: -40°C ~ 50°C (-40°F ~ 122°F) Storage Temperature: -40°C ~ 70°C (-40°F ~ 158°F)
Humidity	Operating Humidity: 10% ~ 95% RH (non-condensing) Storage Humidity: 3% ~ 95% RH (non-condensing)
Kit	
Dimension	390*310*360mm
Weight (With Package)	9.81kg
Package Contents	1× Network Video Recorder 8× PoE Cameras 1× Power adapter 1× Screw kit (for PoE NVR) 1× Mouse 8× Waterproof kits 8× Screw kits (for PoE cameras) 8× Mounting templates 1× Screwdriver 1× HDMI cable 1× Security sticker 1× 1 m Ethernet cable 4× 18 m Ethernet cables 4× 30 m Ethernet cables 1× User manual

[www.ip-com.com.cn](http://www.ip-com.com.cn)



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