

IP-COM

IK8P-4BTC

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

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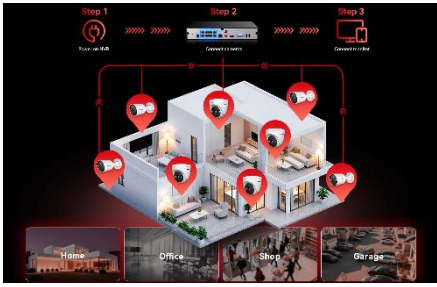
4MP Full-Color PoE Security Kit (8 Cameras and 1 NVR)



Description

Enterprise-Grade ONVIF-Compliant PoE Security System: Integrates a 4K NVR (supports up to 10TB HDD) with 8 × 4MP HD metal weatherproof cameras (4 bullet cameras and 4 turret 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	Bullet Camera: 4 mm@F1.6 Turret Camera: 2.8mm@F1.6
FOV	Bullet Camera: Horizontal FOV: 79.1°, Vertical FOV: 43.3°, Diagonal FOV: 94.9° Turret Camera: Horizontal FOV(2.8mm): 82.91°, Vertical FOV: 46.2°, Diagonal FOV: 97.3°

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	Bullet Camera: 66mm x 66mm x 130mm (2.61" x 2.61" x 5.12") Turret Camera: 80mm x 80mm x 76mm (3.15" x 3.15" x 3")
Weight	Bullet Camera: 324g(0.71lb) Turret Camera: 307g(0.68lb)
Protection Level	IP67
Installation Method	Bullet Camera: Wall Mounting, Ceiling Mounting, Pole Mounting (Additional Bracket is Required) Turret Camera: Wall Mounting, Ceiling Mounting
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)	9.72kg
Package Contents	<ul style="list-style-type: none"> 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× hex key 1× HDMI cable 1× Security sticker 1× 1 m Ethernet cable 4× 18 m Ethernet cables 4× 30 m Ethernet cables 1× User manual

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