

Tenda



K8P-4CR

8 Channel PoE HD Video Security Kit



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Product Description

8 Channel PoE HD Video Security Kit K8P-4CR includes 1 PoE NVR and 8 PoE conch security cameras. It integrates such functions as plug and play, 4MP HD image quality, infrared night vision, AI human detection, H.265 high-performance video decoding, HDD bad sector isolation, channel cloud storage and App remote monitoring. It offers one-stop solutions for small video surveillance in such scenarios as single-family houses, shops, restaurants, offices, schools, factories and farms.

Product Features



Complete Accessories

The common accessories are included in the kit for building small surveillance system. The official collocation is compatible and barrier-free, offering a convenient one-stop shopping experience.



PoE Power Supply

IEEE802.3af standard PoE; Sifos testing; Power overload protection; Plug and play; Safe and stable internet connection and power supply.



4MP HD Image Quality

Equipped with 4MP high-performance CMOS image sensor, the resolution can reach 2560*1440. 30-meter infrared night vision enables you to record with high-definition even in a dark environment or an ultra-long distance.



4K Output

4K HDMI output and the ultra high-definition 3840*2160 resolution provides you clear images with more details even when zoomed.

Product Features



HDD Bad Sector Isolation

The file system is specially designed for video surveillance. It can automatically detect, identify and skip the bad sectors on the HDD, ensuring that the recording is complete without losing frames. It is safe, stable and reliable.



AI Human Detection

Based on deep learning image identification technology, and built-in AI human detection function effectively filters non-human targets, thus greatly improving alarm accuracy.



Channel Cloud Storage

The video security kit supports 10TB large-capacity HDD access to meet the long-term recording storage requirements. With HDD and cloud, the data is safe and not lost.



Remote Monitoring

The video security kit supports TDSEE App remote monitoring and browser access without plug-in. You can view and play back the videos, receive the alarm messages and control abnormal conditions on your mobile phone anytime and anywhere.

Product Specifications

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, 1920 × 1080/60 Hz, 1280 × 1024/60Hz, 1280 × 720/60 Hz
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output
Output Bandwidth	60Mbps
Audio Output	1-ch, RCA (2.0 Vp-p, 10kΩ)
Video&Audio Decoding	
Video Decoding Format	H.265, H.264
Audio Decoding Format	G.711A, G.711U
Recording Resolution	4MP, 3MP, 1080P, 720P, D1
Decoding Capability	4-ch@1080P (30 fps)
Stream Type	Video, Video & Audio
Recording Management	
Record Mode	Normal, Alarm
Playback Mode	Instant, Channel, File, Tag
Sync Playback	Up to 8-ch
Backup Mode	USB device
Network Managemant	
Ethernet Port	1 RJ45, 10Mbps/100Mbps auto-negotiation Ethernet port
Network Protocol	HTTP, HTTPS, WebSockets, TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, DDNS
Mobile Client	Support iOS, Android
Web Browser	Plug-in free live view : Chrome, Edge, Opera, Safari

Product Specifications

PoE	
PoE Port	8 RJ45, 10Mbps/100Mbps auto-negotiation Ethernet ports
PoE Standard	IEEE 802.3af
PoE Power	≤60W
HDD Storage	
HDD Interface	1 SATA 3.0 interface
Capacity	Up to 10 TB capacity for each HDD
External Interface	
USB Port	2 x USB 2.0
General	
Power	51 VDC, 1.25 A
Dimension	200 mm × 200 mm × 48 mm
Weight (Without HDD)	780 g (1.72lb)
Certification	CCC, CE, FCC, RoHS, UKCA
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)

Product Specifications

PoE Security Camera	
Camera	
Image Sensor	1/3" 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	1 IR Light
Infrared Fill Light Distance	Up to 30 meters (depending on environment)
Night Vision Mode	Infrared Mode
Lens Specifications	
Lens Type	4 mm@F2.2
FOV	Horizontal FOV: 74.9°, Vertical FOV: 41.3°, Diagonal FOV: 88.2°
Video Specifications	
Video Encoding Format	H.265, H.264
Main Stream	25fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080)
Sub Stream	25fps (640 × 360, 352 × 288, 320 × 240)
Audio Specifications	
Audio Encoding Format	G.711A, G.711U
Audio Sampling Rate	8 kHz
Network Management	
Ethernet Port	1 RJ45, 10Mbps/100Mbps auto-negotiation Ethernet port
Smart Alarm	
Motion Detection	Support
Human Detection	Support
Video Tampering	Support

Product Specifications

External Interface	
Audio Input	Built-in microphone
General	
Power	PoE: 802.3af
Dimension	106.8 mm x 90.5 mm
Weight	174 g
Protection Level	/
Installation Method	Ceiling mounting, Wall mounting
Certification	CE, FCC, RoHS, UKCA
Temperature	Operating temperature: -10°C - 50°C (14°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	395mm x 377mm x 305mm
Weight (With Package)	7.25kg
Package Contents	PoE Network Video Recorder x 1 Power adapter (51V 1.25A) x 1 Screw kit (NVR) x 1 Mouse x 1 PoE Camera x 8 Screw kit (camera) x 8 Mounting template x 8 Screwdriver x 1 HDMI cable x 1 Surveillance sticker x 1 1 m Ethernet cable x 1 18 m Ethernet cable x 4 30 m Ethernet cable x 4 User manual x 1

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