

Tenda



K8W-3TC

8 Channel Wireless 2K Video Security Kit



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Product Description

8 Channel Wireless Video Security Kit K8W-3TC includes 1 wireless network video recorder and 8 wireless security cameras. The kit integrates such functions and features as automatic WiFi connection and networking, 200m long-distance coverage, 3MP super HD full-color video recording, 2K output, AI human detection, sound & light alert, H.265 high-performance video compression, remote App monitoring. The kit provides professional wireless video monitoring solutions for single-family houses, large households, shops, restaurants, factories, offices and farms.

Product Features



Wi-Fi Networking

The Network Video Recorder and cameras adopt Wi-Fi connections, which free you from laying Ethernet cables, make it easy to install and extend, save your time, energy and money.



Strong Signal

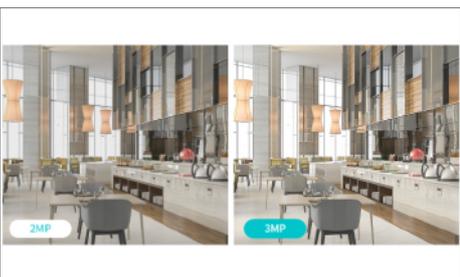
The router-level independent Wi-Fi chip, dual high gain antennas and Tenda's professional wireless transmission technology boosts stable and strong signal. It is able to produce clear and smooth image when the Wi-Fi signal covers a radius of 200m in an open environment or penetrates 3 walls indoors.

*The above data is obtained by Tenda labs based on specific environmental tests, and is for reference only. The actual data may differ due to the environment.



Automatic Connection

After being powered on, the NVR automatically search, find and add cameras, the convenient and fast networking requires no manual operation.



2K QHD

With fully upgraded 3MP (2304 x 1296) input and HDMI 2K output, the camera can capture clear and delicate monitoring images, show more image details and bring a new visual experience for you.



Full Color Image

Equipped with two high-power spotlights and two IR lights, and high sensitive image sensors, your night vision is now lit up and in full-color. There are three available night vision modes: Smart Mode, Full-color Mode, and Black & White Mode.

Product Features



AI Human Detection

Based on deep learning image identification technology, the cameras accurately recognize figure movement. Non-human targets are filtered, thus greatly improving alarm accuracy.



Sound and Light Alarm

When intrusion is detected during the alarming period, a sound and white flashing light alarm will be triggered to warn illegal intruders. At the same time, the alarm message will be sent to the TDSEE App to promote security.



Remote Monitoring

You can view the video on your mobile phone anytime and anywhere, with full-duplex two-way audio, and feel at ease when you away from home. Alarm messages are pushed in time, you can control abnormal status in real time.

Product Specifications

Wi-Fi Network Video Recorder	
Video & Audio Input	
IP Video Input	8-ch
IP Video Resolution	Up to 3MP
Input Bandwidth	60 Mbps
Video & Audio Output	
HDMI Output	1-ch,2K(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/VGAsimultaneousoutput
Output Bandwidth	60 Mbps
Video & Audio Decoding	
Video Decoding Format	H.265, H.264
Audio Decoding Format	G.711A, G.711U
Recording Resolution	3MP, 1080P, 720P, VGA, nHD, 4CIF, CIF
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 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
Mobile Client	Supports iOS, Android
Web Browser	Plug-in free live view: Chrome, Edge, Opera
Wireless Specifications	
Wireless Standard	IEEE 802.11 b/g/n
Frequency	2.4 GHz
Antenna	Dual external antennas

Transmission Rate	Up to 144 Mbps
HDD Storage	
HDD Interface	1 SATA 3.0 interface
Capacity	Up to 10 TB capacity for each HDD
External Interface	
USB Port	1 x USB 2.0
General	
Power	12 V DC, 2 A
Dimension	200 mm × 200 mm × 48 mm (7.9" × 7.9" × 1.9")
Weight (Without HDD)	510 g (1.1lb)
Certification	SRRC, CE, FCC, RoHS, UKCA
Installation Method	Desk 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)

Wi-Fi Camera

Camera	
Image Sensor	1/2.7" CMOS sensor
Max. Resolution	2304 x 1296
Day & Night	ICR type
Digital Noise Reduction	3D DNR
Digital Wide Dynamic Range	Support
Highlight Compensation (HLC)	Support
Backlight Compensation	Support
Supplementary Light	2 IR lights, 2 spotlights
Infrared Supplementary Light Distance	30 meters (depending on environment))

Night Vision Mode	Smart Mode, Full Color Mode, Black & White Mode
Lens Specifications	
Lens Type	4 mm@F1.6
FOV	Horizontal FOV: 86.1°, Vertical FOV: 46°, Diagonal FOV: 104°
Video Specifications	
Video Encoding Format	H.265, H.264
Main Stream	20fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub Stream	20fps (640 × 360, 352 × 288)
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
Wireless Specifications	
Wireless Standard	IEEE 802.11 b/g/n
Frequency	2.4 GHz
Transmission Rate	Up to 144 Mbps
Antenna	Dual external antennas
Smart Alarm	
Motion Detection	Support
Human Detection	Support
Sound and Light Alarm	Support
External Interface	
Audio Input	Built-in MIC
Audio Output	Built-in speaker
Button	1 x Reset button

LED Indicator	1 x Dual color (red & blue) LED indicator
General	
Power	12 V DC, 1 A
Dimension	175 mm x 72 mm x 72 mm (6.9" × 2.9" × 2.9")
Weight	226 g (0.5lb)
Protection Level	IP66
Certification	CE, FCC, RoHS, UKCA
Installation Method	Wall mounting, ceiling mounting
Temperature	Operating Temperature: -30°C ~ 60°C (-22°F ~ 140°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	535 mm x 280 mm x 305 mm (21.0" × 11.0" × 12.0")
Weight	6.0 kg(13.2lb)
Package Contents	<ul style="list-style-type: none"> Wi-Fi Network Video Recorder x 1 Power adapter (12 V 2 A) x 1 Screw kit (Wi-Fi network video recorder) x 1 Mouse x 1 Quick installation guide x 1 Wi-Fi Cameras x 8 Power adapters (12 V 1 A) x 8 Screw kits (Wi-Fi camera) x 1 Installation templates x 8 Waterproof kits x 8 Ethernet cable x 1 Screwdriver x 1 HDMI cable x 1 Surveillance sticker x 1

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