

*Tenda*



# K8W-3TC

8 Channel Wireless 2K Video Security Kit



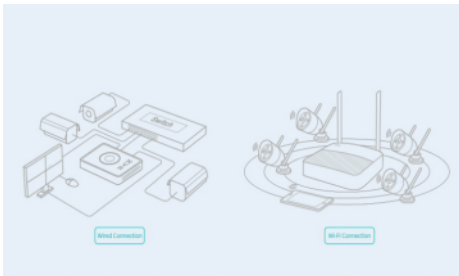
# K8W-3TC (Include N3W-8H & KCT6)

## 8 Channel Wireless 2K Video Security Kit

### 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

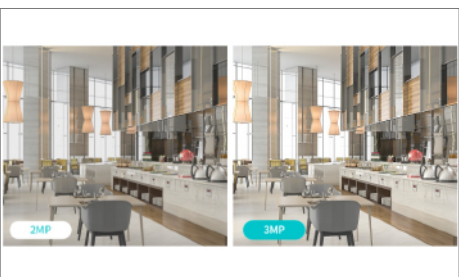
The router-level independent Wi-Fi chip, dual high gain antennas and Tenda's professional wireless transmission technology boosts stable and strong signal. It is able to produce clear and smooth image when the Wi-Fi signal covers a radius of 200m in an open environment or penetrates 3 walls indoors.

\*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

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## 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	
<b>Video &amp; Audio Input</b>	
IP Video Input	8-ch
IP Video Resolution	Up to 3MP
Input Bandwidth	60 Mbps
<b>Video &amp; Audio Output</b>	
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/VGA simultaneous output
Output Bandwidth	60 Mbps
<b>Video &amp; Audio Decoding</b>	
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
<b>Recording Management</b>	
Record Mode	Normal, Alarm
Playback Mode	Instant, Channel, File, Tag
Sync Playback	Up to 8-ch
Backup Mode	USB device
<b>Network Management</b>	
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
<b>Wireless Specifications</b>	
Wireless Standard	IEEE 802.11 b/g/n
Frequency	2.4 GHz
Antenna	Dual external antennas

Transmission Rate	Up to 144 Mbps
<b>HDD Storage</b>	
HDD Interface	1 SATA 3.0 interface
Capacity	Up to 10 TB capacity for each HDD
<b>External Interface</b>	
USB Port	1 x USB 2.0
<b>General</b>	
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)
<b>Wi-Fi Camera</b>	
<b>Camera</b>	
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
<b>Lens Specifications</b>	
Lens Type	4 mm@F1.6
FOV	Horizontal FOV: 86.1°, Vertical FOV: 46°, Diagonal FOV: 104°
<b>Video Specifications</b>	
Video Encoding Format	H.265, H.264
Main Stream	20fps (2304 × 1296, 1920 × 1080, 1280 × 720, 640 × 360)
Sub Stream	20fps (640 × 360, 352 × 288)
<b>Audio Specifications</b>	
Audio Encoding Format	G.711A, G.711U
Audio Sampling Rate	8 kHz
<b>Network Management</b>	
Ethernet Port	1 RJ45, 10Mbps/100Mbps auto-negotiation Ethernet port
<b>Wireless Specifications</b>	
Wireless Standard	IEEE 802.11 b/g/n
Frequency	2.4 GHz
Transmission Rate	Up to 144 Mbps
Antenna	Dual external antennas
<b>Smart Alarm</b>	
Motion Detection	Support
Human Detection	Support
Sound and Light Alarm	Support
<b>External Interface</b>	
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
<b>General</b>	
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"> <li>Wi-Fi Network Video Recorder x 1</li> <li>Power adapter (12 V 2 A) x 1</li> <li>Screw kit (Wi-Fi network video recorder) x 1</li> <li>Mouse x 1</li> <li>Quick installation guide x 1</li> <li>Wi-Fi Cameras x 8</li> <li>Power adapters (12 V 1 A) x 8</li> <li>Screw kits (Wi-Fi camera) x 1</li> <li>Installation templates x 8</li> <li>Waterproof kits x 8</li> <li>Ethernet cable x 1</li> <li>Screwdriver x 1</li> <li>HDMI cable x 1</li> <li>Surveillance sticker x 1</li> </ul>

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