

**Tenda**



# K4W-3TC

4 Channel Wireless HD Video Security Kit



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### Product Description

K4W-3TC 4 Channel Wireless HD Video Security Kit contains one Wi-Fi Network Video Recorder and four Wi-Fi Cameras. The Kit supports Wi-Fi automatic connection and networking, 3MP super HD full-color video recording, S-motion detection, sound and light alert, H.265 high-performance video compression, and you can view video via App. It provides wireless video monitoring solution 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

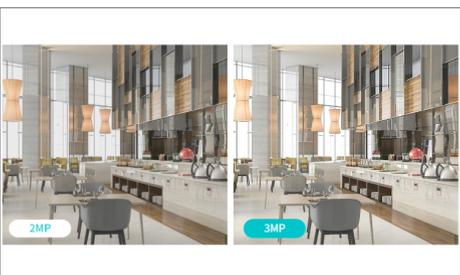
The router-level independent Wi-Fi chip, dual high gain antennas and Tenda's professional wireless transmission technology boosts stable and strong signal. It is able to produce clear and smooth image when the Wi-Fi signal covers a radius of 200m in an open environment or penetrates 3 walls indoors.

\*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.



## 3MP HD Video

The upgraded 3MP (2304×1296) HD camera captures clear and delicate monitoring image, bringing more details and a brand-new visual experience.



## 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.

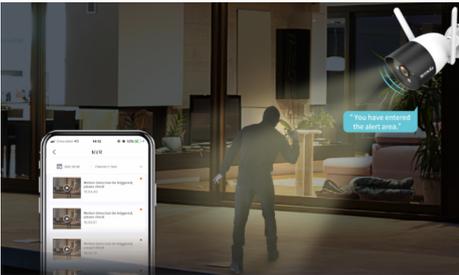
# Product Features

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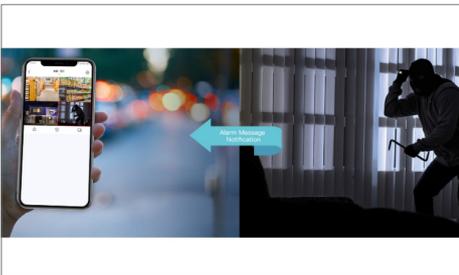
## S-motion Detection

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, 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	4-ch
IP Video Resolution	Up to 3MP
Input Bandwidth	60 Mbps
Output Bandwidth	60 Mbps
Video & Audio Output	
HDMI Output	1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
VGA Output	1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output
Video & Audio Decoding	
Video Decoding Format	H.265, H.264
Audio Decoding Format	G.711A
Recording Resolution	3MP, 1080p, UXGA, 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 4-ch
Backup Mode	USB device
Network Management	
Ethernet Port	1 RJ45, 10Mbps/100Mbps auto-negotiation Ethernet port
Network Protocol	TCP/IP, IPv4, RTSP, UDP, NTP, DHCP
Mobile Client	Supports iOS, Android
Wireless Specifications	
Wireless Standard	IEEE 802.11b/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 (1.13lb)
Certification	CCC, SRRC, CE, FCC, RoHs
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

<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
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
Main Stream	15fps (2304 × 1296, 1920 × 1080, 1280 × 720, 640 × 360)
Sub Stream	15fps (640 × 360, 352 × 288)
<b>Audio Specifications</b>	
Audio Encoding Format	G.711A
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 802.11b/g/n
Frequency	2.4 GHz
Transmission Rate	Up to 144 Mbps
Antenna	Dual external antennas
<b>Smart Alarm</b>	
Motion Detection	Support
S-motion Detection	Support
Sound and Light Alert	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
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)

<b>Kit</b>	
Dimension	305 mm x 305 mm x 280 mm (12" × 12" × 11")
Weight	3.1 kg (6.84lb)
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 4</li> <li>Power adapters (12 V 1 A) x 4</li> <li>Screw kits (Wi-Fi camera) x 1</li> <li>Installation templates x 4</li> <li>Waterproof kits x 4</li> </ul>

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