

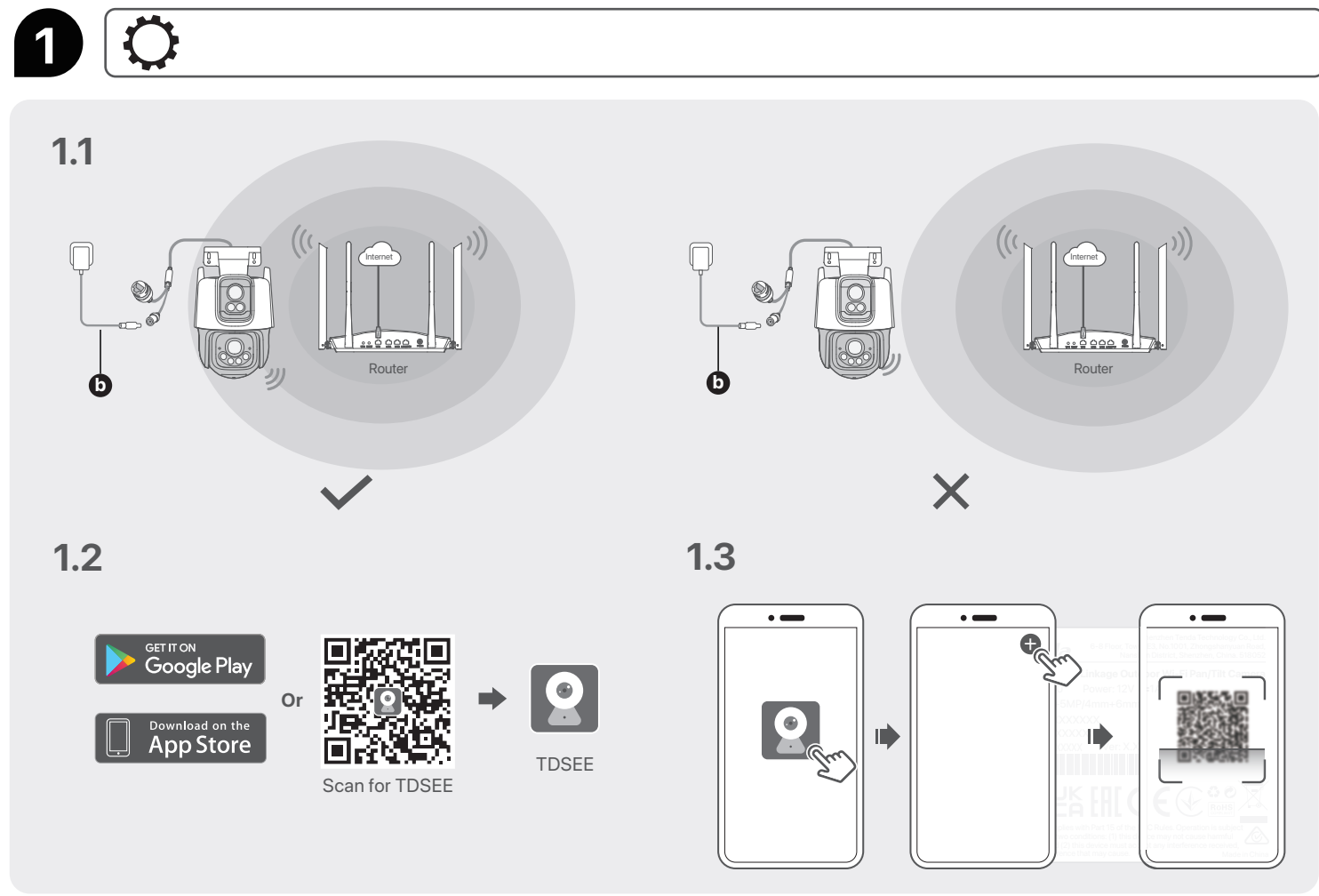
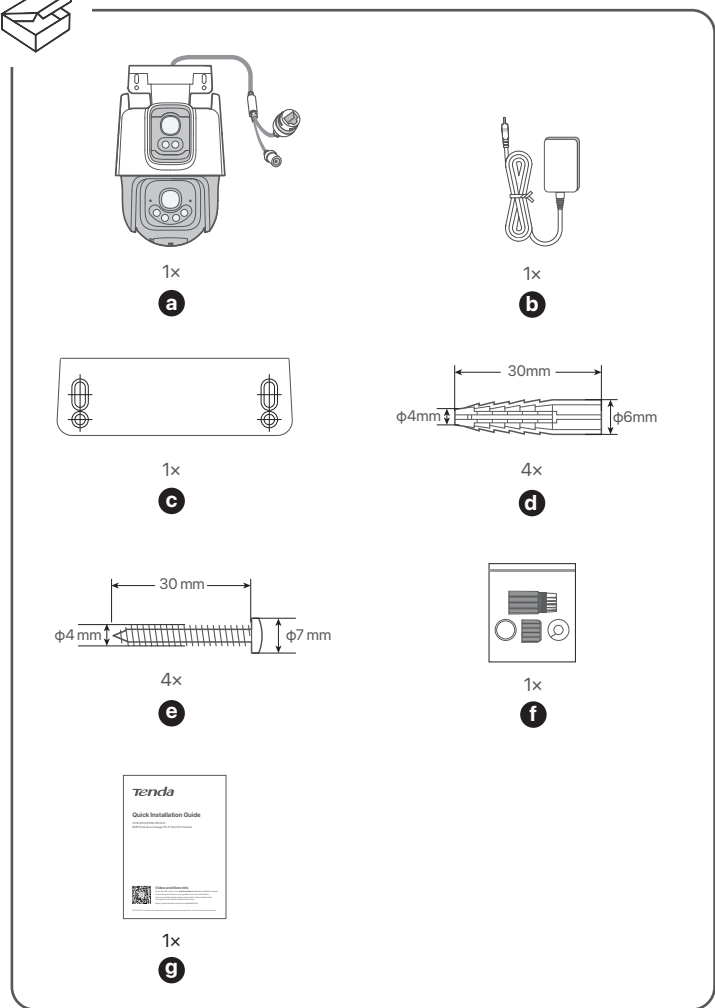
Quick Installation Guide

CH9-WCA/CH9-WCAV2
6MP Dual-lens Linkage Wi-Fi Pan/Tilt Camera



Video and More Info
Scan the QR code or visit www.tendacn.com for installation videos, technical specifications, user guides and more information. You can see the product name and model on the product label. The label can be found on the device body.
<https://www.tendacn.com/service/default.html>

CH9-WCA is used for illustrations here unless otherwise specified. The actual product prevails.



Configure Dual-lens Smart Linkage Function

After the camera works properly, you can configure the dual-lens smart linkage function through TDSEE App or web UI (some models supported). (Please scan the QR code of **Video and More Info** in this guide to obtain the related user guide.)

Tips
Please adjust the depression angle of the fixed lens to the desired position before configuring the dual-lens linkage function.

For TDSEE App:
Run the TDSEE App, tap ... on the right side of the camera in the homepage, and go to **Device Settings > Alarm > Linkage Tracking Calibration**, and then follow the on-screen instructions. After successful calibration, go back to the **Alarm** page, tap the detection event (**Motion Detection**, **Line Crossing Detection** or **Intrusion Detection**), and select the **Linkage Tracking Calibration**. The dual-lens smart linkage function can be used normally.

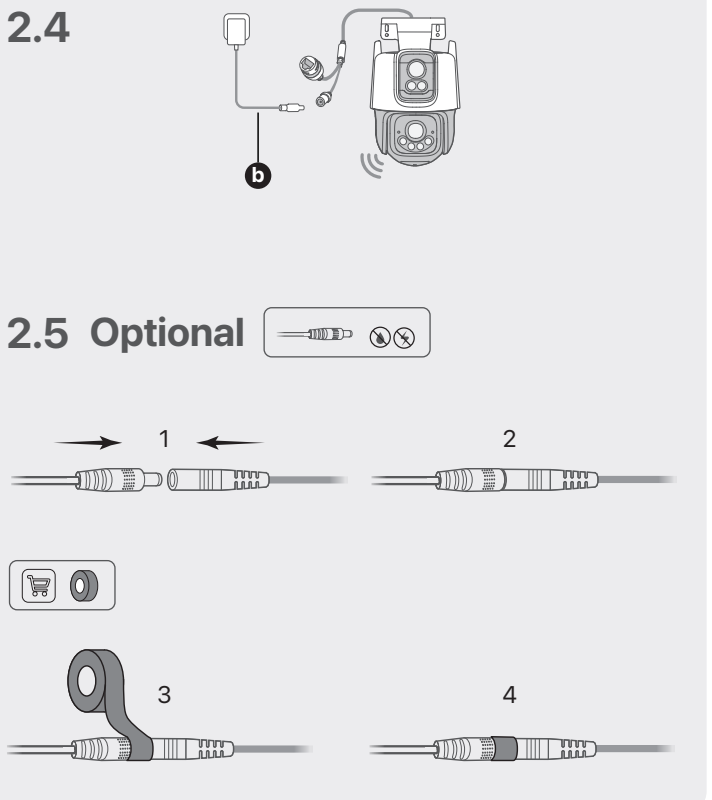
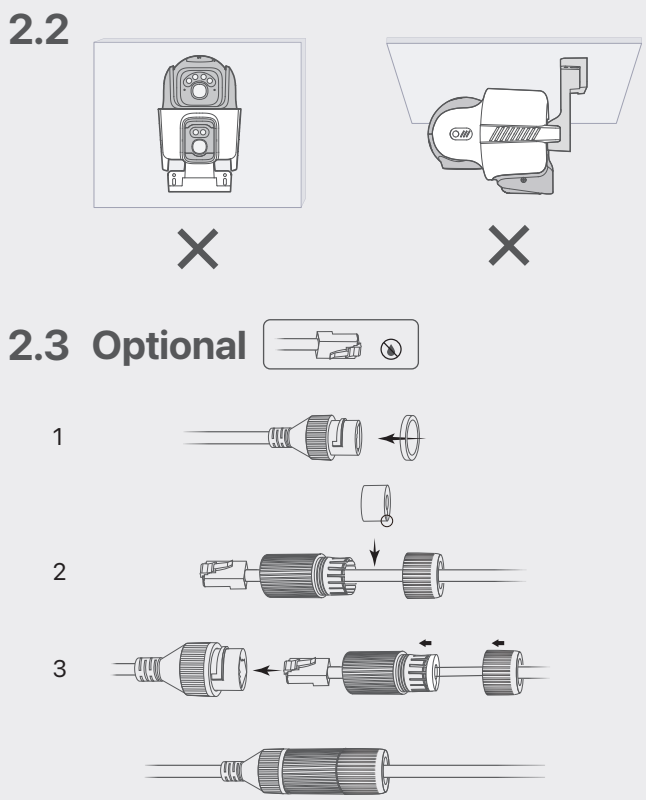
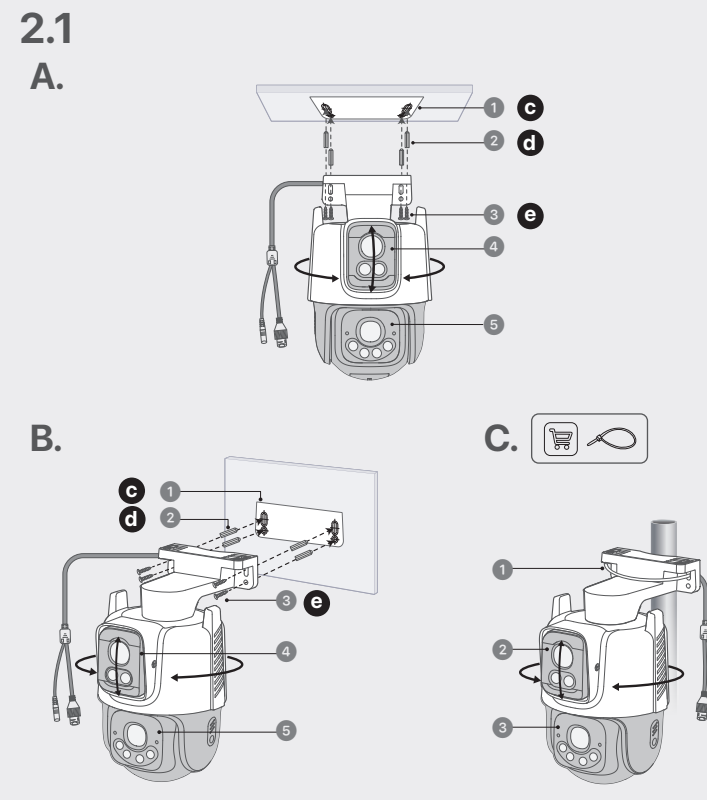
For web UI:
1. Connect the computer to the router or switch that is connected to the camera using an Ethernet cable, or connect the computer to the router's Wi-Fi that is connected to the camera.
2. Set the IP address of the computer to be on the same network segment as the camera's IP address, but different from the camera's IP address.
The default login IP address of the camera is **192.168.1.203**, and the **DHCP** function is enabled. If there is a DHCP server on the network, the camera's IP address may change. Refer to the actual IP address assigned to the camera by the DHCP server. You can also download the **Tenda Security Search Tool** from www.tendacn.com, and use it to discover the device and obtain the camera's IP address.
3. Start a browser and enter the camera's IP address of the camera in the address bar to access the login page. The default username is **admin**, and the default password is printed on the label; if not available, the universal default password is **admin123456**, then click **Login**.
4. Go to **Configuration > Alarm > Linkage Tracking Calibration** to configure the Calibration function.
5. After successful calibration, go back to the **Alarm** page, go to the detection event (**Motion Detection**, **Line Crossing Detection** or **Intrusion Detection**) > **Linkage Tracking Mode**, then select the **Linkage Tracking Calibration**. The dual-lens smart linkage function can be used normally.

Tips
To ensure your privacy and security, change your login password promptly after logging in to the web UI.

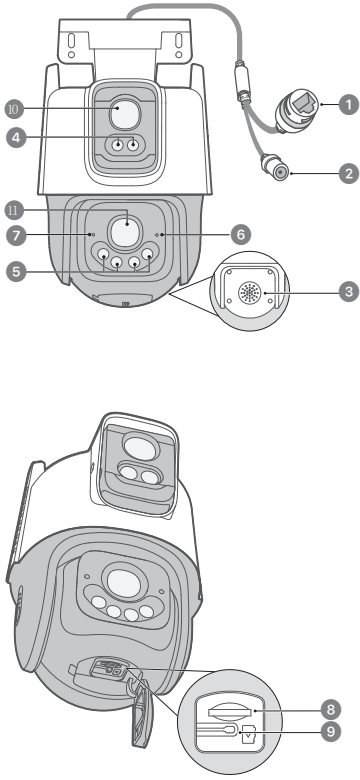
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Tips
- Make sure the ceiling is strong enough to withstand three times the weight of the camera.
- Install the camera where the router has good Wi-Fi signal.



Appearance



1	10/100 Mbps auto-negotiation Ethernet port. Used for connecting such devices as the router, switch and computer.
2	Power jack Used to connect to the included power adapter.
3	Speaker
4 5	Fill Light
6	LED indicator Solid red: Initializing and starting. Blinking red slowly: Disconnected from the network. Blinking red quickly: Connecting to the network. Solid blue: Connected to the network. Blinking blue slowly: Upgrading. Blinking blue quickly: Waiting to connect to the network.
7	Microphone
8	Micro SD card slot (Behind the cover) Insert the Micro SD card (self-prepared) to store the monitoring videos.
9	Reset button (Behind the cover) Reset method: Refer to Q1 in the FAQ .
10	Fixed lens
11	PT lens

Safety Precautions

Before operating, read and follow these precautions to prevent accidents.

- For ceiling/wall/pole mounting, the camera is suitable for mounting at heights >2m.
- Do not use the device in a place where wireless devices are not allowed.
- Please use the included power adapter.
- The mains plug is used as the disconnect device, and shall remain readily operable.
- The power socket shall be installed near the device and easily accessible.
- Device operating environment: Temperature: -30℃ - +45℃ (-22℉ - 113℉); Humidity: (10% - 95%) RH, non-condensing; Power adapter operating environment: Temperature: 0℃ - 40℃ (32℉ - 104℉); Humidity: (5% - 95%) RH, non-condensing.
- Keep the device away from fire, high electric field, high magnetic field, and inflammable and explosive items.
- Unplug this device and disconnect all cables during lightning storms or when the device is unused for long periods.
- Do not use the power adapter if its plug or cord is damaged.
- If such phenomena as smoke, abnormal sound or smell appear when you use the device, immediately stop using it and disconnect its power supply, unplug all connected cables, and contact the after-sales service personnel.
- Disassembling or modifying the device or its accessories without authorization voids the warranty, and might cause safety hazards.
- Refer all servicing to qualified service personnel.
- Disconnect the power source during servicing.
- Keep this device out of reach of children to prevent children from using it as a toy and causing personal injury.
- The device's marking information can be found on its surface.

For the latest safety precautions, see **Safety and Regulatory Information** on www.tendacn.com.

CE

CE Mark Warning
This is a Class B product.
In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.
This equipment should be installed and operated with minimum distance 20cm between the device and your body.
NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.
Declaration of Conformity
Hereby, SHENZHEN TENDA TECHNOLOGY CO., LTD. declares that the device (camera) is in compliance with Directive 2014/53/EU.
The full text of the EU Declaration of Conformity is available at the following internet address: <https://www.tendacn.com/download/list-9.html>

Operating Frequency/Max Output Power English: Operating Frequency/Max Output Power Italiano: Frequenza operativa/Potenza di uscita massima Français: Fréquence de fonctionnement/Puissance de sortie maximale Español: Frecuencia operativa/Potencia de salida máxima Deutsch: Betriebsfrequenz/Max. Ausgangsleistung Polski: Częstotliwość pracy/Maksymalna moc wyjściowa Nederlands: Bedrijfsfrequentie/Maximale uitgangsvermogen Čeština: Provozní frekvence/maximální výstupní výkon Latvian: Darbinātības frekvence/maksimālā izlaiduma jauda Lietuvų: Darbinimo dažnis/maksimali išėjimo galia Slovenščina: Delovna frekvenca/Največja izhodna moč Български: Работна честота/максимална изходна мощност Eesti: Töösagedus/Max väljundvõimsus Dansk: Driftsfrekvens/Maks. Udgangseffekt Suomi: Toimintataajuus/maksimilähtoteho Hrvatski: Radna frekvencija/Maksimalna izlazna snaga Latviešu: Operējošās frekvences/Maksimālā jauda Lietuvių: Darbinimo dažnis/maksimali išėjimo galia Slovenščina: Delovna frekvenca/Največja izhodna moč Türkçe: Çalışma Frekansı/Maks. Çıkış Gücü УСС: Рабочая частота/макс. выходная мощность عربي: تردد التشغيل / الحد الأقصى لطاقة الإخراج	Wi-Fi: 2412MHz-2472 MHz/18.16dBm BLE: 2402MHz-2480 MHz/9.4dBm
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FAQ

Q1. What should I do if I failed to add the camera?
A1.
- Ensure that the router is connected to the internet successfully.
- The camera only supports 2.4 GHz Wi-Fi network. When adding the camera, you need to connect the smartphone to a 2.4 GHz Wi-Fi network.
- Do not hide the Wi-Fi network of the router when adding the camera (After adding the camera successfully, you can hide the Wi-Fi network).
- Confirm whether the indicator of the camera blinks blue quickly. If not, reset the camera and configure it again.
Reset method: Hold down the **Reset** button for about 5 seconds and release it after the indicator blinks blue quickly or you hear a prompt tone. The camera is reset to factory settings.

Q2. What should I do when the video preview is not smooth?
A2.
- Check if the Wi-Fi network of the router is smooth.
- Take the router closer to the camera.
- When previewing the video with cellular mobile data, make sure that the internet connection of the smartphone is smooth.
- **Fluent** and **HD** are supported for video preview. You can adjust the video clarity according to the internet status.

Q3. What should I do if the dual-lens smart linkage or 3D positioning cannot accurately track the target?
A3.
- Tap the **Calibrate Location** on the preview page of the corresponding camera in TDSEE APP.
- Ensure that the center of the PT lens and the fixed lens have been aligned at the same position before tapping **Start** to calibrate. If not, please re-calibrate.

Q4. How to store the videos?
A4.
Method 1: Install the Micro SD card on the camera. The recording mode of the Micro SD card includes **Alarm Recording** and **All Day Recording**. By default, the recording mode is **Alarm Recording**. You can modify the recording mode according to the actual conditions.
Method 2: Subscribe to the **Cloud Storage Service** on **TDSEE App**.
Procedure: Run the **TDSEE App**, choose the camera on the homepage, and then tap **Cloud Storage** in the lower left corner.
Method 3: Connect the camera to the NVR. The camera supports the ONVIF protocol and can be added to the NVR either wired or wireless method for recording storage. The default username is **admin**, and the default password is printed on the label; if not available, the universal default password is **admin123456**, and the password can be changed on the web UI. The specific configuration method of the NVR is subject to the manufacturer's instructions.

Q5. How to view the videos stored in the Micro SD card of the camera on the computer?
A5. If you remove the Micro SD card installed in the camera and view the videos from your computer, it is recommended to use VLC media player to play the videos.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Radiation Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment should be installed and operated with minimum distance 20cm between the device and your body.
Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
Operating frequency: Wi-Fi 2412-2462MHz, BLE 2402-2480MHz
NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

RECYCLING
This product bears the selective sorting symbol for Waste Electrical and Electronic Equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

Australia Cyber Security SoC
Australia Cyber Security SoC is available at the following internet address: <https://www.tendacn.com/au/page/CyberSecuritySoC>

Australia Cyber Security SoC

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V1.1 Keep for future reference.