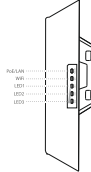


# Tenda

## Quick Installation Guide

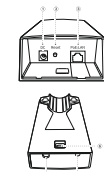
### Get to Know the Devices

#### LED Indicators



LED Indicator	Name	Description
Power	Power	The power is supplied to the device properly, and the power is being supplied to the device.
WAN	WAN	The WAN port is connected to the Internet.
LAN	LAN	The device network is connected to the LAN port and the Internet.
LED1	LAN	The device network is connected to the LAN port and the Internet.
LED2	LAN	The device network is connected to the LAN port and the Internet.
LED3	LAN	The device network is connected to the LAN port and the Internet.

#### Ports & Button

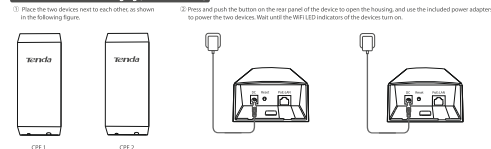


ID	Port/Button	Description
1	Power Button	The power button is used to power on the device.
2	WAN Port	The WAN port is used to connect the device to the Internet.
3	LAN Port	The LAN port is used to connect the device to the LAN network.
4	Camera Mounting Straps	The camera mounting straps are used to attach the device to the poles.

## Application Scenario 1: CCTV Surveillance

### 1. Set up the Devices

#### Method 1: Automatic Bridging (Recommended)



#### Method 2: Set up the Devices Using Web UI

**Step 1: Place the two devices close to each other.**

- Place and push the button on the rear panel of the device to open the housing, and use the included power adapters to power the two devices. Wait until the LED indicators of the devices turn on.
- Press and push the button on the rear panel of the device to open the housing, and use the included power adapters to power the two devices. Wait until the LED indicators of the devices turn on.

**Step 2: Connect the computer to CPE 1.**

- Press and push the button on the rear panel of the device to open the housing, and use the included power adapters to power the two devices. Wait until the LED indicators of the devices turn on.
- Use an Ethernet cable to connect the WAN port of the device to the WAN port of the PC.
- Use the included power adapter to connect the device to power network.
- Use an Ethernet cable to connect your computer to the LAN port of the device.

**Step 3: Set CPE 1 to AP Mode.**

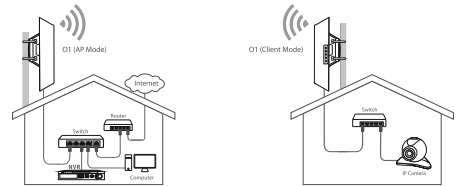
- Start a web browser on your computer, and visit **192.168.2.1**. Enter your user name and password (default: **admin**), and click **Login**.
- Select **AP**, and click **Next**.
- Set an SSID, which is Tenda\_123456 in this example, security mode WPA2-PSK, a password, and key, and click **Next**.
- Click **Save**, and wait until the device reboots automatically to activate the settings.

**Step 4: Set CPE 2 to Client Mode.**

- Perform the procedure in **Step 2** to connect the computer to CPE 1.
- Select **Client**, and click **Next**.
- Select the SSID you set on CPE 1, which is Tenda\_123456 in this example, and click **Next**.
- Enter the WPA password you set on CPE 1 in the key list, and click **Next**.
- Set the IP address to an unused IP address belonging to the same network segment as that of CPE 1. For example, if the IP address of CPE 1 is 192.168.2.1, you can set the device's IP address to 192.168.2.3 (ranging from 2 to 254). Then click **Next**.
- Click **Save**, and wait until the device reboots to activate the settings.

## 2. Install the Devices

- The device (transmitter in AP mode) with LED1, LED2 and LED3 solid on should be connected to the switch connecting to a network video recorder (NVR).
  - The device (receiver in Client mode) with LED1, LED2 and LED3 blinking should be connected to the switch connecting to a monitoring IP camera.
- Detailed procedures are as follows:
- Place the transmitter in the open air at the point where the NVR is located. Place the receiver in the open air at the point where the IP camera is located.
  - Open the housing of the two devices, and connect the WAN ports of the devices to PUE injectors respectively.
  - Adjust the two devices' direction or location until the LED1, LED2 and LED3 of the two devices light up.
  - Use the pole mounting straps to attach the two devices to the poles.



## Application Scenario 2: Wireless ISP Hotspot Access

### 1. Set up the Device

**Step 1: Connect the computer to the device.**

- Press and push the button on the rear panel of the device to open the housing.
- Use an Ethernet cable to connect the WAN port of the device to the WAN port of the PC.
- Use the included power adapter to connect the device to power network.
- Use an Ethernet cable to connect your computer to the LAN port of the device.

**Step 2: Set the device to WISP Mode.**

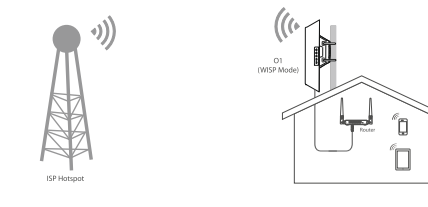
- Start a web browser on your computer, and visit **192.168.2.1**. Enter your user name and password (default: **admin**), and click **Login**.
- Select **WISP**, and click **Next**.
- Set the SSID of your ISP (Internet Service Provider) hotspot, which is Tenda\_123456 in this example, and click **Next**.
- Enter the WPA password of your ISP (Internet Service Provider) hotspot in the key list, and click **Next**.

**Step 3: Install the Device**

- Place the device at an open air.
- Open the housing of the device, and connect the WAN port of the device to the WAN port of your wireless router. The WAN LED indicator lights up.
- Adjust the device's direction or location on the selected pole until the LED1, LED2 and LED3 of the device light up.
- Use the pole mounting straps to attach the device to the pole.

## 2. Install the Devices

- Place the device at an open air.
- Open the housing of the device, and connect the WAN port of the device to the WAN port of your wireless router. The WAN LED indicator lights up.
- Adjust the device's direction or location on the selected pole until the LED1, LED2 and LED3 of the device light up.
- Use the pole mounting straps to attach the device to the pole.



## FAQ

- Q1: I cannot login to the web UI of the device by entering 192.168.2.1. What should I do?**
- Check the following methods and try again:
    - Ensure that the device has been connected to the power supply and the login computer properly.
    - Ensure that the IP address of the login computer is 192.168.2.X (ranging from 2 to 254).
    - Reset the device to factory settings.
- Q2: How to reset the device to factory settings?**
- None:** Resetting the device will clear all settings, and you need to configure it again.
  - Method One:** Interrupt the device's power on, open the housing of the device, and hold down the **Reset** button for 7 seconds. When LED3 lights up, the device is returned to factory settings.
  - Method Two:** Log in to the web UI of the device, click **Tools > Maintenance**, and click **Reset** button.
- Q3: How to perform peer-to-peer bridging?**
- Step 1: Log in to the web UI of these devices. Set up the Devices Using Web UI for details.  
Step 2: Set the device connected to NVR to AP mode, and set the other connected to IP camera to Client mode.



**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. For Pluggable Equipment, the socket outlet shall be installed near the equipment and shall be easily accessible.

**WARNING:** The main plug is used as a disconnect device, the disconnect device shall remain readily accessible.

**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. To avoid unnecessary radio interference, it is recommended to use a shielded RF cable.

**Declaration of Conformity**

The manufacturer hereby declares that the radio equipment type 01 is in compliance with Directive 2014/53/EU.

The full text of the declaration of conformity is available at the following internet address:  
<http://www.tendacn.com/inter/download/ce-cdo3.html>  
 Declaration Number: EU1400-0443-2019-0219 (CE)  
 EUP Power Supply: V1.0.0.0  
 Software Version: V1.0.0.7

**CAUTION**

Attention: Please Avoid Water, Rain, Snow, and High Temperature.

Manufacturer: SHENZHEN HENDERSON NETWORK TECHNOLOGY CO., LTD.  
 Input: 100-240V AC, 50/60Hz  
 Output: 9V DC, 600mA  
 net DC Voltage



**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. The 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: — increase the separation between the equipment and receiver. — relocate the equipment into a shielded enclosure that has been found to be suitable. — consult the dealer or an experienced radio/TV technician for help. This device complies with Part 15 of the FCC Rules. 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**

The device complies with FCC radiation exposure limits set forth for an uncontrolled environment and is also compliant with Part 15 of the FCC RF Rules.

**Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. To avoid unnecessary radio interference, it is recommended to use a shielded RF cable.

**The equipment must be installed and operated with minimum distance 20cm between the radiator & your body.**



**RECYCLING**

This product bears the selective recycling 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 by authorized personnel on the environment. User has the choice to give his product to a competent recycling organization or to the retailer where he buys a new electrical or electronic equipment.

**Technical Support**

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 Shenzhen, China  
 USA Office: 14000019999  
 Singapore Office: 00000019999  
 Website: <http://www.tendacn.com>

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