

Quick Installation Guide

1. Connect PoE to Power CPE
Model: O3

Get to Know the Devices

LED Indicators

LED Indicator	Status	Description
Link (LAN)	Solid green	Indicates that the device is connected to the LAN port and the connection is normal.
Bridge	Flashing green	Indicates that the device is performing the bridge function.
Power (PWR)	Solid green	Indicates that the device is powered on.
Power Adapter 1	Flashing green	Indicates that the power adapter is connected to the device.
Power Adapter 2	Flashing green	Indicates that the power adapter is connected to the device.
Power Adapter 3	Flashing green	Indicates that the power adapter is connected to the device.
LAN (WAN)	Solid green	Indicates that the device is connected to the WAN port and the connection is normal.
LED1, LED2, LED3	Solid green	Indicates that the device is in AP mode.
LED4, LED5, LED6	Flashing green	Indicates that the device is in Client mode.

Ports & Buttons

Port/Button	Description
GND	Grounding terminal.
RESET	Reset button. Press and hold for 5 seconds to restore the device to its factory settings.
LAN	LAN port for connecting to a network.
Power	Power input port for connecting to a power adapter.
Power Adapter 1, 2, 3	Power input ports for connecting to three power adapters.
Reset	Reset button. Press and hold for 5 seconds to restore the device to its factory settings.
Set	Set button. Press and hold for 5 seconds to enter the configuration mode.

Package Contents

- Power Adapter 1
- Power Adapter 2
- Power Adapter 3
- Mounting Kit
- Quick Installation Guide
- Warranty Card
- CD-ROM (User Manual)
- Accessories (not included)

Application Scenario 1: CCTV Surveillance or Point to Point Data Transmission

1. Set up the Devices(AP + Station Mode)

Method 1: Automatic Bridging (Recommended)

- Place the two devices next to each other.
- Uncover the housing of each device, and use the included RJ45 injectors to power up the two devices. Wait until the LAN/WAN LED indicators of the two devices light up.
- Wait for the two devices to negotiate and connect to each other automatically. The following LED indicator status indicates successful connection of the two devices.

Method 2: Set up the Devices Using Web UI

Step 1: Place the two devices next to each other.

Step 2: Connect the computer to CPE 1.

Step 3: Set CPE 1 to AP Mode.

Step 4: Set CPE 2 to Client Mode.

2. Install the Devices

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.
- Uncover the housing of the two devices, and connect the PoE/LAN/WAN ports of the devices to PoE injectors respectively. The LAN/WAN LED indicators light up.
- Adjust the two devices' direction or location until the LED1, LED2 and LED3 of the two devices light up.
- Use the pole mounting stops to attach the two devices to the poles respectively.

Figure 1

Application Scenario 2: Wireless ISP Hotspot Access

1. Set up the Device

Step 1: Connect the computer to the device.

- Uncover the housing of the device.
- Use an Ethernet cable to connect the PoE/LAN/WAN port of the device to the LAN port of the computer.
- Use an Ethernet cable to connect the WAN port of the device to the LAN port of the wireless router.
- Use an RJ45 injector to connect the LAN port of the device to the PoE port of the power adapter.

Step 2: Set the device to WISP Mode.

- Start a web browser on your computer, and visit <http://192.168.2.1>. Enter your user name and password (default: admin, and click **Login**.
- Select **WISP**, and click **Next**.
- Select the SSID of your ISP (Internet Service Provider) (192.168.2.1 in this example), and click **Next**.
- Enter the WiFi password of your ISP (Internet Service Provider) (123456 in this example), and click **Next**.

Step 3: Set up the Internet Connection Type of your ISP Hotspot.

Step 4: Customize the SSID and Key, and click **Next.**

Step 5: Set an IP address belonging to different network segments as that of your ISP hotspot. For example, if the IP address of the wireless router is 192.168.1.1, you can set this device's IP address to 192.168.1.2 (X ranges from 2 to 254 except 1). Then click **Next.**

Step 6: Click **Save, and wait until the device reboots to activate the settings.**

2. Install the Devices

Step 1: Place the device as an open air.

Step 2: Uncover the housing of the device, and connect the PoE/LAN/WAN port of the device to the WAN port of your wireless router.

Step 3: Set the device's direction or location on the selected pole until the LED1, LED2 and LED3 of the device light up.

Step 4: Use the pole mounting stops to attach the device to the pole.

Figure 2

Wireless Status

Working Mode	Client	AP	Background Router	Background Client	Wireless Router	Other Status
Working Mode	Client	AP	Background Router	Background Client	Wireless Router	Other Status
Link Status	Link	Link	Link	Link	Link	Link
Signal Strength	-80 dBm	-80 dBm	-80 dBm	-80 dBm	-80 dBm	-80 dBm
Background Router	192.168.2.1	192.168.2.1	192.168.2.1	192.168.2.1	192.168.2.1	192.168.2.1
Background Client	192.168.2.1	192.168.2.1	192.168.2.1	192.168.2.1	192.168.2.1	192.168.2.1
Wireless Router	192.168.2.1	192.168.2.1	192.168.2.1	192.168.2.1	192.168.2.1	192.168.2.1
Wireless Router Speed	100M	100M	100M	100M	100M	100M

CE

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.

Declaration of Conformity

Hereby, SHENZHEN TENDA TECHNOLOGY CO., LTD. declares that the radio equipment type O3 is in compliance with Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at the following internet address: <http://www.tendawireless.com>

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.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to the device. (2) To avoid potential radio or TV interference, it is recommended to use a shielded RG59 cable. (3) To avoid potential unnecessary radiation interference, it is recommended to use a shared RG6 cable.

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FCC Radiation Exposure Statement:

Master Model: TN035-A12012E, EN036-A12012B, EN036-A12012U
Manufacturer: SHENZHEN TENDAWIRELESS NETWORK TECHNOLOGY CO., LTD.
Model: O3, O3W, O3H, O3A
Output 12V DC, 1A
DC: DC Voltage

FC

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. 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.
- Connect the equipment into a separate branch circuit or a circuit different from the one to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

IC Radiation Exposure Statement:

This device complies with IC RSS-247. The exposure limits set forth in 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.

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