Indoor CPE

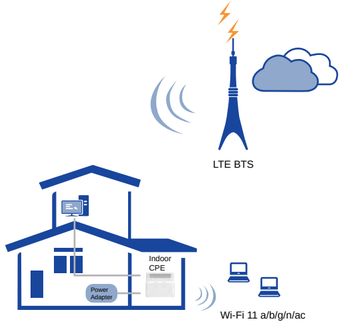
TD0501

Quick Start Guide ▶

Introduction

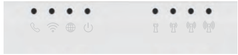
TD0501 is a premium indoor LTE CPE, designed for 802.11a/b/ g/n/ac dual band Wi-Fi access. The product provides optimized high through-put data and a wide area coverage network for residential, commercial and enterprise users, supporting multiple services.

Customers enjoy reliable dual-band Wi-Fi AP functions, broadband access and hot-spot Wi-Fi connections with TD0501.



Panel of Device

I/O Panel of Router



LED Panel of Router

Packing List

Make sure you have everything you need to properly configure the device.

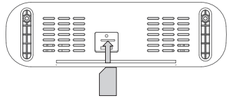
IDU	Power supply	Ethernet cable

Configure Hardware

Insert SIM Card

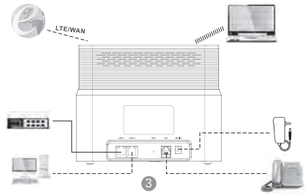
⚠ If you want to remove the SIM card, please lightly press the SIM card, the SIM card will pop out. Make sure the CPE is turned off before you insert or remove your SIM card. Otherwise, the CPE and SIM card may be damaged.

Please insert your SIM card (3FF) as following:



How does it Work

☀ The figure is just for reference only, please connect according to your requirements.



Step 1 Connect the supplied power adapter to the CPE.

Step 2 Connect other devices.

- You can connect your computer or classic Switch via Ethernet cable to LAN port.
- You can connect your laptop via Wi-Fi.
- You can connect your telephone via TEL port.

☀ When you are using the CPE, you can adjust the position and direction of CPE to get stronger LTE signal, you can judge from the LTE signal LED indicators.

LED Indicators

When set up the IDU, you will see the following LED indicators:

Indicator	Status	Description
POWER	Steady on	Power On
	Off	No Power Supply
INTERNET	Steady on	Internet Available
	Off	Internet Unavailable
	Blinking (500ms interval)	Searching network of LTE
WiFi	Steady on	WiFi Available
	Off	WiFi unavailable
VOICE	Steady on	VOICE Available
	Off	VOICE Unavailable
SIGNAL	Steady on	Display the current LTE network signal, the stronger signal, the more bars on
	Off	No Signal
	Blinking one by one	Firmware upgrade

Configure The CPE

Login to the Website

Use a browser to access the management web page to configure and manage the CPE.

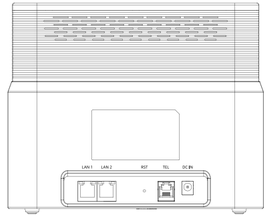
The following procedure describes how to use a computer running Windows 7 or above version and Internet Explorer to connect to the CPE webpage.

Step 1 Connect the CPE correctly.

Step 2 Start Internet Explorer, go to http://192.168.1.1 in the address bar, and press Enter.

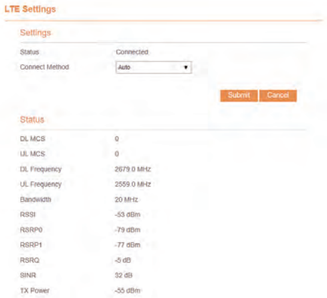
Step 3 Enter the user name (admin) and password (admin), and click Log In.

You can connect to the management web page after the password is verified.



Configuration of LTE

Step 1 Connect the CPE correctly.
Step 2 Enter the management website.
Step 3 Choose Settings → Network → LTE Settings.
Step 4 Set the connection mode and scan mode.



The default setting is automatically connection and full band scanning,if you want to connect the LTE network according to your needs,you can set the connection mode as manual,and simply scan a specified band.

Configuration of Wi-Fi

Step 1 Connect the CPE correctly.
Step 2 Enter the management website.
Step 3 Choose Settings → Wi-Fi → WLAN Settings.
Step 4 In the General Settings, set Wi-Fi Enable or enable Wi-Fi with the Wi-Fi button.
Step 5 In the Setting, change the SSID, such as "LTE-Router"

Step 6 To ensure data security, it is recommended that you change the Wi-Fi password by default.
Step 7 Click Submit to save the settings.

Troubleshooting

The POWER indicator does not turn on.

- Make sure that the power cable is connected properly and the CPE is powered on.
- Make sure that the power adapter is compatible with the CPE.

Fails to login the web management page.

- Make sure that the CPE is started.
- Verify that the CPE is correctly connected to the computer through Wi-Fi or a network cable.

The CPE fails to search for the wireless network.

- Check that the power adapter is connected properly.
- Check that the CPE is placed in an open area that is far away from obstructions, such as concrete or wooden walls.
- Check that the CPE is placed far away from household electrical appliances that generate strong electromagnetic field, such as micro-wave ovens, refrigerators, and satellite dishes.

The power adapter of the CPE is overheated.

- The CPE will be overheated after being used for a long time. Therefore, power off the CPE when you are not using it.
- Check that the CPE is properly ventilated and shielded from direct sunlight.

The parameters are restored to default values.

- If the CPE is powered off unexpectedly while being configured, the parameters may be restored to the default settings.
- After configuring the parameters, download the configuration file to quickly restore the CPE to the desired settings.

If the problem persists,please contact authorized local service suppliers.

This product has reached the standard of shipment inspection.

Notice

Some features of the product and its accessories described herein rely on the software installed, capacities and settings of local network, and may not be activated or may be limited by local network operators or network service providers, thus the descriptions herein may not exactly match the product or its accessories you purchase.

We reserves the right to change or modify any information or specifications contained in this manual without prior notice or obligation.

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.

FCC 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 equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

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.
Caution!

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