

Start

Before you start, please read this install Guide, which instructs you to install and configure your device. This install Guide is applicable to 4G630 and 4G630. Unless otherwise specified, the 4G630 is used as an example throughout this install Guide. For information that is not covered here, see User Guide on the resource CD or on <http://www.tendacn.com>.

1 Package Contents

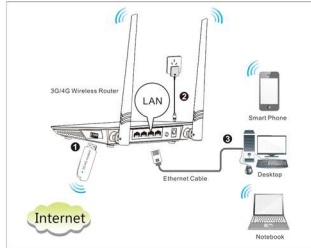
Tip If any of the parts are incorrect, missing, or damaged, contact your dealer. Keep the carton, including the original packing materials, in case you need to return the product for repair.



2 Hardware Install

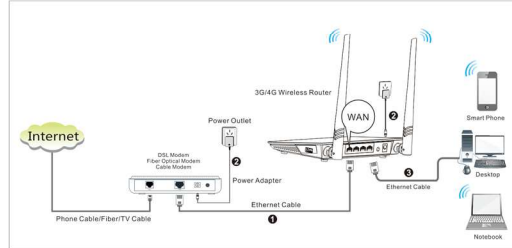
A 3G/4G Router Mode

1. Insert a 3G/4G USB modem to the router.
2. Connect the router to a power outlet.
3. Connect your desktop, notebook and smart phone to the router.



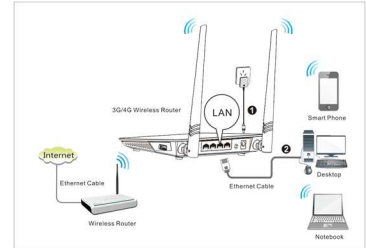
B Wireless Router Mode

1. Connect the router to an Internet-enabled DSL/fiber optical/cable modem.
2. Connect the modem and the router to a power outlet.
3. Connect your desktop, notebook and smart phone to the router.



C Universal Repeater Mode

1. Connect the router to a power outlet.
2. Connect your desktop, notebook and smart phone to the router.



3 LED, Button & Interface

LED	Status	Description
PWR	Solid	The device is receiving electrical power.
SYS	Blinking	System is starting up properly.
WPS	Blinking	The device is functioning properly.
WAN/LAN/WIFI	Blinking	The WAN/LAN /WLAN interface is transmitting data.
	Solid	The WAN/LAN interface is connected correctly. The WiFi radio is on.
USB	Solid	The USB port is connected correctly.
T	/	This icon indicates no actual meaning. It is only for decoration.

Button/Interface	Description
USB	USB port for attaching a 3G/4G USB Modem
WPS/Reset	Pressing this button for over 6 seconds resets the device to factory default settings or 1-3 seconds to enable WPS quick encryption.
WAN	Internet port for cabling the device to the Internet side
LAN1/2/3	Local (LAN) Ethernet ports for cabling the device to local computers, switches, etc.
POWER	Power port for connecting the device to a power outlet

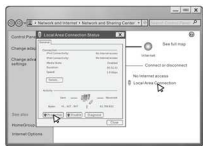
Note

1. DO NOT expose the device to heat sources.
2. Disconnect the device from power supply in thunderstorm weather.
3. Keep the device away from electrical appliances (such as electromagnetic cooker and cordless phone, etc.) to avoid electromagnetic interference.

This documentation (including pictures, images, and product specifications, etc.) is for reference only. To improve internal design, operational function, and/or reliability, Tenda reserves the right to make changes to the products described in this document without obligation to notify any person or organization of such revisions or changes.

4 Configure Your PC

- Step 1: Click the icon on the right bottom corner of your desktop.
- Step 2: Click Open Network and Sharing Center.
- Step 3: Click Local Area Connection -> Properties:



- Step 4: Find and double click Internet Protocol Version 4 (TCP/IPv4):



- Step 5: Select Obtain an IP address automatically and Obtain DNS server address automatically and click OK.
- Step 6: Click OK on the Local Area Connection Properties window (see Step 4 for the screenshot).



- Step 1: Right click My Network Places on your desktop and select Properties.
- Step 2: Right click Local Area Connection and select Properties:



- Step 3: Scroll down to find Internet Protocol (TCP/IP) and double click it.



- Step 4: Select Obtain an IP address automatically and Obtain DNS server address automatically and click OK.
- Step 5: Click OK on the Local Area Connection Properties window (see Step 3 for the screenshot).



5 Configure Your Device

1. Launch a web browser, say, IE, input 192.168.0.1 and press Enter.
2. Enter the login password ("admin" by default) and click Login.

Mobile WiFi

User Name: admin

Password: ****

Login Cancel

3. Click Wizard to enter the setup wizard interface.

Auto-switch System Mode & Priority

Auto-switch System Mode: If unchecked, system will not between the 3G/4G Router Mode and Wireless Router Mode.

If the Auto-switch System Mode and 3G/4G Priority are selected, system will:

- prioritize the 3G/4G Router Mode when detecting the existence of an Ethernet cable and a 3G/4G USB modem.
- operate in the 3G/4G Router Mode when only detecting a 3G/4G USB modem.

If the Auto-switch System Mode and Ethernet Priority are selected, system will:

- prioritize the Wireless Router Mode when detecting the existence of an Ethernet cable and a 3G/4G USB modem.
- toggle to the 3G/4G Router Mode when only detecting a 3G/4G USB modem.
- operate in the Wireless Router Mode when only detecting an Ethernet cable.

3G/4G Router Mode

1. Select 3G/4G Router Mode and click Next.

Wizard

Home

Wireless Router Mode

3G/4G Router Mode

Universal Repeater Mode

Auto-switch System Mode

3G/4G Priority

Ethernet Priority

Next

2. Configure 3G/4G Internet connection settings and then click Next. If you are not sure of which service provider to use, select Auto.

Wizard

Home

Country: UK

Service Provider: Vodafone UK

ISP: Vodafone UK

Dial Number: 9999

User Name: web

Password: ****

Previous Next

Wireless Router Mode - DHCP

1. Select Wireless Router Mode and click Next.

Wizard

Home

Wireless Router Mode

3G/4G Router Mode

Universal Repeater Mode

Auto-switch System Mode

3G/4G Priority

Ethernet Priority

Next

2. Select DHCP and click Next.

Wizard

Home

Internet Connection Type: DHCP

Previous Next

Wireless Router Mode - PPPoE

1. Select Wireless Router Mode and click Next.

Wizard

Home

Wireless Router Mode

3G/4G Router Mode

Universal Repeater Mode

Auto-switch System Mode

3G/4G Priority

Ethernet Priority

Next

2. Select PPPoE, enter the PPPoE User Name/Password and click Next.

Wizard

Home

Internet Connection Type: PPPoE

PPPoE User Name: ****

PPPoE Password: ****

Previous Next

Universal Repeater Mode

1. Select Universal Repeater Mode and click Next.

Wizard

Home

Wireless Router Mode

3G/4G Router Mode

Universal Repeater Mode

Auto-switch System Mode

3G/4G Priority

Ethernet Priority

Next

2. Enter or select the SSID, MAC, Channel and security settings exactly the same as the remote AP and then click Next.

Wizard

Home

Remote AP's SSID: Tenda_XXXXXX

Remote AP's MAC: CA:3A:35:85:80:80

Security Mode: WPA2-PSK

Cipher Type: AES

Security Key: 12345678

Previous Next

3. Configure your wireless network: SSID, Key and/or Channel and then click Next.

Wizard

Home

SSID: Tenda_XXXXXX

Channel: Auto

Key: 12345678

Security Mode: WPA2-PSK

Cipher Type: AES

Security Key: 12345678

Previous Next

4. In the Universal Repeater Mode, the Channel field is automatically set to match the remote AP.

Wizard

Home

Channel: Auto

Previous Next

5. Click Finish and wait for the device to restart.

Wizard

Home

Configuration complete

Previous Finish

6 Join Your Wireless Network

1. To join your wireless network, the PC you use must have an installed wireless network adapter. If not, install one.
2. The device's SSID is "Tenda_XXXXXX" by default (where "XXXXXX" is the last six characters of its MAC address). You can find the MAC address and/or SSID on the label attached to the device's bottom.

- Step 1: Click the icon on the right bottom corner of your desktop.
- Step 2: Double click your SSID and then follow onscreen instructions.



- Step 1: Right click My Network Places on your desktop and select Properties:



- Step 2: Right click Wireless Network Connection and select View Available Wireless Networks.



- Step 3: Find and double click your SSID and then follow onscreen instructions.

