

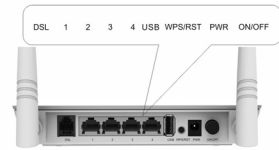
Wireless N300 ADSL2+/3G Modem Router

## Install Guide

## Package Contents

- D303\*1
- Power Adapter\*1
- Ethernet Cable\*1
- Resource CD\*1
- Install Guide\*1
- ADSL Splitter\*1
- Phone Cable\*2 (For ADSL splitter that is already attached with a phone cable, only one phone cable is provided)

## Button &amp; Interface



Interface/Button	Description
DSL	For connecting to a phone cable
1	This RJ45 port is a WAN/LAN interchangeable port. It works as a LAN port for connecting to a PC, switch and router, etc. when the device accesses the Internet via a phone cable and as a WAN port for connecting to ISP when the device accesses the Internet via an Ethernet cable. <b>Note:</b> The device is preset to access the Internet via a phone cable.
2/3	Local (LAN) Ethernet ports for cabling the device to local computers, switches, etc.
4	This port works as an IPTV/LAN interchangeable port. It works as a LAN port for cabling the device to a local computer, switch, router, etc. with IPTV disabled and as an IPTV port with IPTV enabled. <b>Note:</b> The IPTV feature is disabled by default.
USB	For connecting to a 3G modem, USB printer or storage device
WPS/RST	Pressing this button for 3 seconds enables the WPS-PBC feature on the device. Pressing this button for 10 seconds resets the device to factory default settings.
PWR	Power Receptacle
ON/OFF	For turning on/off the device

## 1 Hardware Install

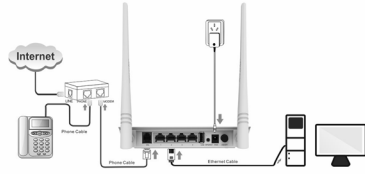
## A. To access the Internet with a phone cable:

Step 1: Connect to the Internet;

- Connect the phone cable from the incoming Internet side to the **LINE** port of the ADSL splitter.
- Connect the **MODEM** port of the ADSL splitter to the **DSL** port of your device with a phone cable.
- Connect the **PHONE** port of the ADSL splitter and your telephone with another phone cable (ignore this step if you do not need to install a telephone).

Step 2: Connect your device's port 2 (or 3) and your PC's NIC port with an Ethernet cable;

- Connect the device to a power outlet;
- Press the **ON/OFF** button to turn on the device.



## B. To access the Internet with an Ethernet cable:

Step 1: Connect the Ethernet cable from the incoming Internet side to port 1 on your device;

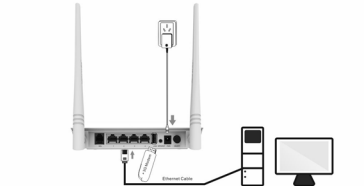
- Connect your device's port 2 (or 3) and your PC's NIC port with an Ethernet cable;
- Connect the device to a power outlet;
- Press the **ON/OFF** button to turn on the device.



## C. To access the Internet via a 3G mobile connection:

Step 1: Insert the 3G modem in the device's USB port;

- Connect your device's port 2 (or 3) and your PC's NIC port with an Ethernet cable;
- Connect the device to a power outlet;
- Press the **ON/OFF** button to turn on the device.



## LED



LED	Status	Description
4/TV 3/2 1/WAN	Solid	The corresponding port is connected correctly.
	Blinking	The corresponding port is transmitting data.
	Off	The corresponding port is connected improperly or malfunctioning.
DSL	Solid	DSL connection is established successfully.
	Blinking	The device is negotiating with DSLAM.
	Off	No phone cable is connected to the DSL port or phone cable is connected improperly.
WLAN	Solid	Wireless radio is on.
	Blinking	The wireless interface is transmitting data.
	Off	Wireless radio is off.
SYS	Blinking	System is functioning properly.
	Solid/Off	System is malfunctioning.
WPS	Solid	Clients have successfully joined your wireless network using the WPS feature during the first two minutes.
	Blinking	WPS-PBC is enabled and your wireless network is accessible to WPS-PBC enabled clients.
	Off	No clients join your wireless network using the WPS feature during the first two minutes.
PWR	Solid	The device is receiving electrical power.
	Off	Electric power is not supplied to the device or the device is malfunctioning.
3G/USB	Solid	The device has identified an attached USB storage device or has successfully joined a 3G network.
	Blinking	Connecting to 3G network.
	Off	The USB port is not connected or has not identified an attached USB storage device or the device fails to join a 3G network.
INTERNET	Solid	The device has obtained an IP address for Internet access.
	Off	The device fails to obtain an IP address for Internet access.

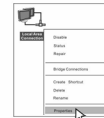
## 2 Configure Your PC

## Windows 7

- Click the icon on the bottom right corner of your desktop;
- 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-OK**.

## Windows XP

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 and double click **Internet Protocol (TCP/IP)**;Step 4: Select **Obtain an IP address automatically** and click **OK-OK**.

## 3 Configure Your Device

- Launch a web browser, enter **192.168.1.1** and then press **Enter**;
- Enter the user name and password (Both are preset to lower-case **admin**.) and click **Login**;



## Tip:

It is advisable to change this password for better security. To change password, click on the top right corner of the home page and click **Management -> Access Control**.

## To access the Internet via a phone cable or an Ethernet cable:

Step 3: Select **Phone Cable**, your country and ISP or **Ethernet Cable** according to the medium type you are using to access the Internet;

Step 4: Configure the information provided by your ISP;

**Primary Setup - ADSL/ETN**

Link Type: ☒ Phone cable ☐ Ethernet cable

Country:

ISP:

VPI/VCI: VPI  (0-255) VC  (32-4095)

Connection Type:

User Name:  (maxlength is 64)

Password:  (maxlength is 64)

Step 5: Configure your **Wireless SSID** and **Wireless key**;

**Wireless Setup** Enable Wireless: ☐

Wireless SSID:

Wireless Key:

Wireless Key is made up of 8-63 ASCII or 64 hex characters.

Step 6: Click **Save**.

## To access the Internet via a 3G mobile connection:

Step 3: Select your country and 3G ISP and system will automatically populate the relevant fields. If your ISP is not included in the integrated list, select **Other** and manually enter the required information (Consult your ISP, if you are not clear.);

**Secondary Setup - 3G Dial** Enable 3G: ☐

Country:

ISP:

APN:

Dial number:

Username:

Password:

Net Select:

Step 4: Configure your **Wireless SSID** and **Wireless key**;

**Wireless Setup** Enable Wireless: ☐

Wireless SSID:

Wireless Key:

Wireless Key is made up of 8-63 ASCII or 64 hex characters.

Step 5: Click **Save**.

## 4 Join Your Wireless Network

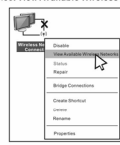
**Tip** 1. The PC you use must have an installed wireless network adapter; 2. The device's SSID is "Tenda\_XXXXXX" by default (where "XXXXXX" is the last six characters of its MAC address). You can find the MAC address on the label attached to the device's bottom).

## Windows 7

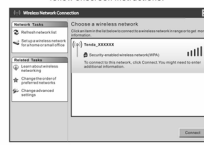
- Click the icon on the bottom right corner of your desktop;
- Double click your SSID and then follow onscreen instructions.



## Windows XP

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.



## 5 FAQs

**Q1:** I connect to the Internet with an Ethernet cable and my PC fails to obtain an IP address of 192.168.1.X (X represents any integer between 2 and 254). What should I do?

**A:** ① Set your PC to use the following IP address and manually configure below settings (See 2 Configure Your PC):  
IP address: 192.168.1.x (where x can be any number between 2-254)

Subnet Mask: 255.255.255.0

Default gateway and Preferred DNS server: 192.168.1.1  
And then click **OK** twice to save your settings and to exit.

② Enter the Web interface and configure Internet and wireless security settings.

**Q2:** How do I know whether the ADSL link is working properly?

**A:** The DSL LED of the device always lights up or blinks when you connect the phone cable from the Internet side to the device's DSL port and the link works properly. If it is off, there may be problems like link failure, poor port connection or wrong cable connection. Please check the cable connection or ask your ISP whether there is a link problem.