



***Tenda***

# User Guide

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## Conventions

The typographical elements that may be found in this document are defined as follows.

Item	Presentation	Example
Cascading menus	>	<b>System &gt; Live Users</b>
Parameter and value	Bold	Set <b>User Name</b> to <b>Tom</b> .
Variable	Italic	Format: <i>XX:XX:XX:XX:XX:XX</i>
UI control	Bold	On the <b>Policy</b> page, click the <b>OK</b> button.

The symbols that may be found in this document are defined as follows.

Symbol	Meaning
 <b>Note</b>	This format is used to highlight information of importance or special interest. Ignoring this type of note may result in ineffective configurations, loss of data or damage to device.
 <b>Tips</b>	This format is used to highlight a procedure that will save time or resources.

## Setup Wizard of Common Functions

- [How to use this extender?](#)
- [How to clone WiFi?](#)
- [How to secure your powerline network?](#)
- [How to add more powerline devices to your powerline network?](#)
- [How to change this extender's WiFi name and password?](#)
- [How to schedule your WiFi?](#)
- [How to change the login password?](#)
- [How to turn off the LED indicators?](#)

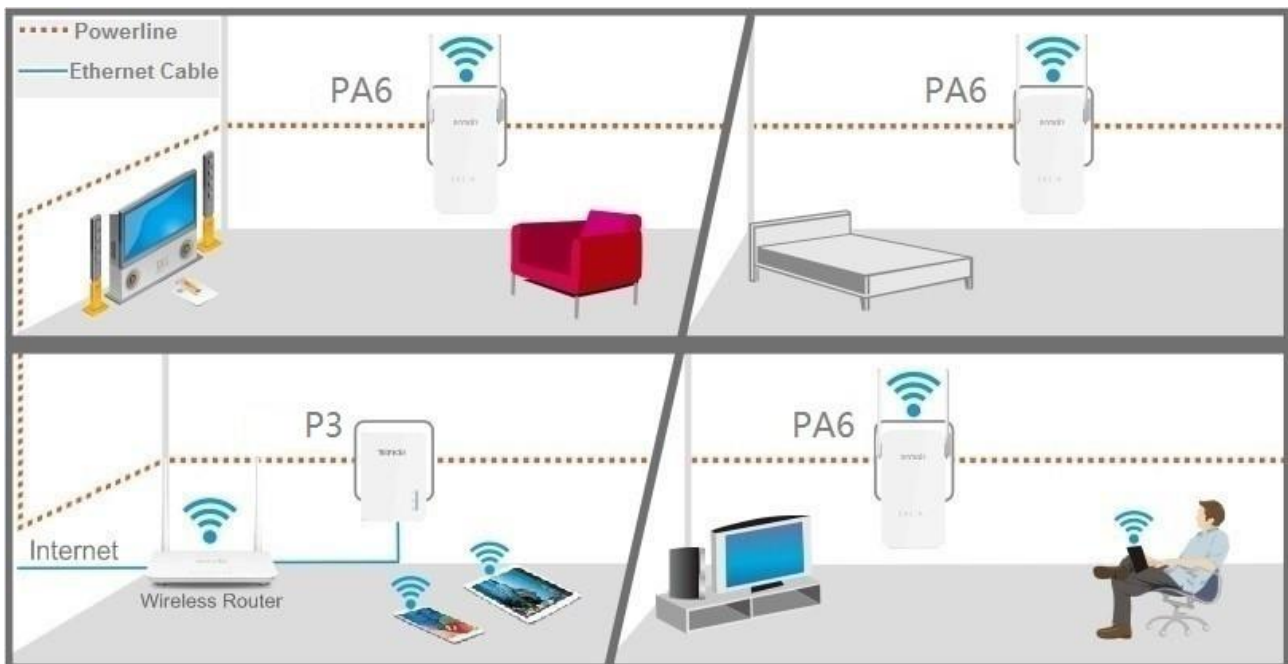
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# 1 Get to Know Your Extender

AV1000 2-Port Gigabit Wi-Fi Powerline Extender extends your wireless network to every room of your house through your home's existing electrical circuitry. With WiFi button, the wireless extender can copy your wireless router's WiFi name and password, giving you a seamless roaming wireless networking experience.



\* We take the adapter (P3) as an example to work with the extender (PA6) for internet extension here.

Before you use your Extender, take a moment to become familiar with the package contents, the LED indicators, buttons and interfaces.

## 1.1 Package Contents



- Powerline Extender \* 1
- Ethernet Cable \* 1
- Installation Guide \* 1

\* If any item is discrepant, missing or damaged, please keep the original package and contact the vendor.

## 1.2 LEDs & Buttons & Interfaces



The wireless extender varies by region.

LED	Color	Status	Description
PLC 	Green	Off	The device doesn't pair with other powerline devices, or is powered off.
	Green	Solid	The device is connected to a powerline network.
	Green	Blinking quickly	The device is pairing with other powerline devices.
	Green	Blinking slowly	The device is in power saving mode.
	Red	Solid when it is starting up	The extender is starting up.
		Solid after it starts up	The extender is in poor condition; try changing another wall socket until the light turns to green.
WiFi 	Green	Off	The WiFi is disabled.
	Green	Solid	The WiFi is enabled.
	Green	Blinking quickly	The device is performing WiFi cloning.

### Pair Button

Press and then release it to start pairing process.

Press and hold it for about 1 second to wake up the extender from standby mode.

### WiFi Button

Press and then release it to start WiFi cloning if the WiFi is enabled.

Press and hold it for about 6 seconds to disable WiFi.

Press and hold it for about 1 second to enable WiFi if the WiFi is disabled before. After the WiFi is enabled (WiFi LED indicator turns solid green), press and then release the WiFi button to start WiFi cloning.

### Reset Button

Press and hold it for about 6 seconds to restore the extender to factory default.

### Ethernet Ports

Connect them to Ethernet devices (computer, router, etc.) using Ethernet cable.

## 1.3 Place the Wireless Extender

Plug the powerline extender directly into a wall socket. Do not plug the powerline extender into a power strip or extension cord.



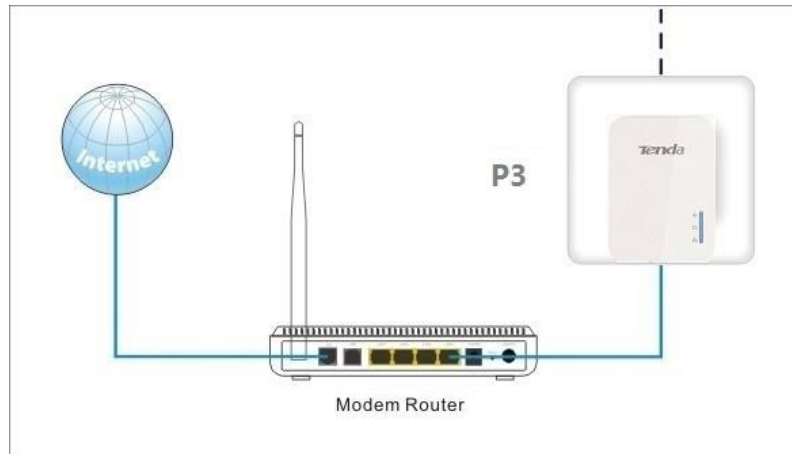
Avoid plugging powerline extenders near the appliances that consume a lot of power, such as washers, dryers, or electric kettle.



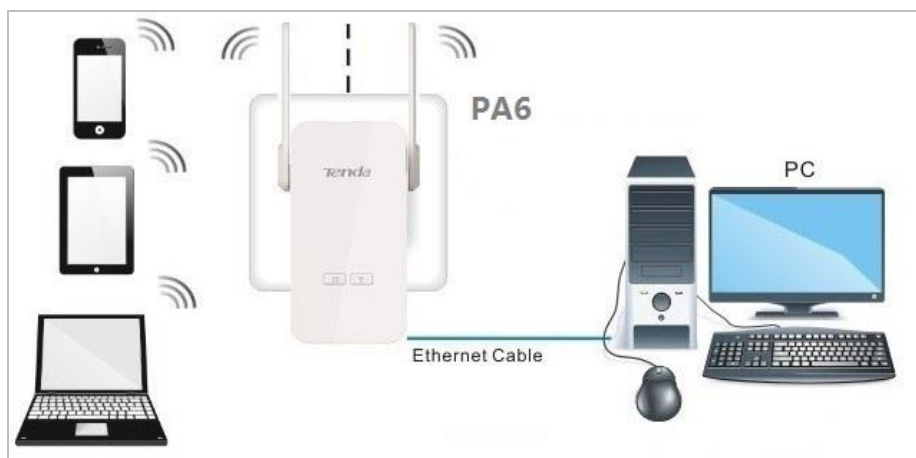
## 2 Access the Internet

### 2.1 Plug and Play

1. Plug a powerline adapter (P3) into a wall socket and connect it with the Ethernet cable included.



2. Plug this powerline extender into an available wall socket, and wait until both of the PLC LED indicators on the powerline adapter and powerline extender turn solid. It indicates that a powerline network is established.



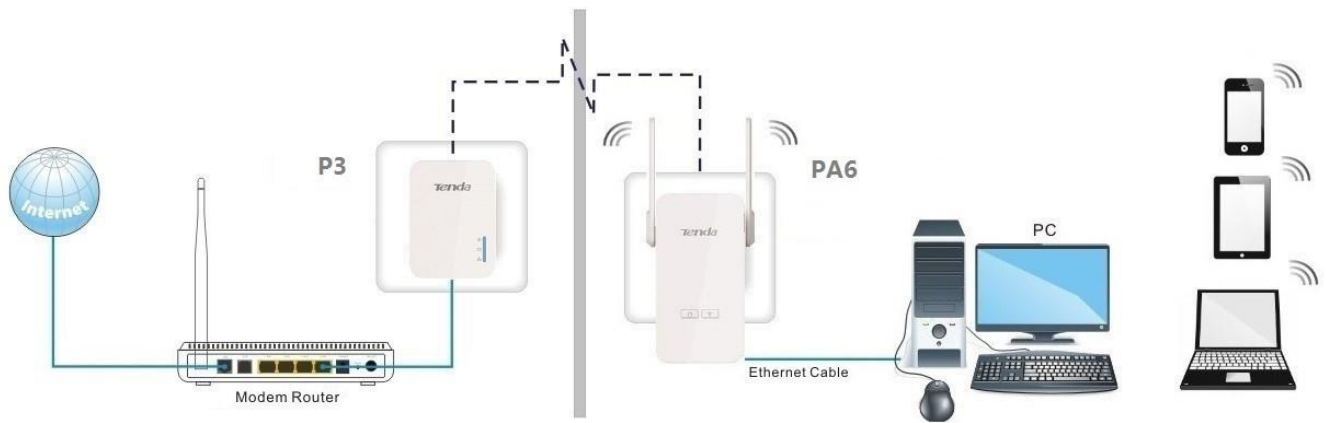
3. Connect your wireless devices or computer (with wireless adapter) to the wireless extender wirelessly or via an Ethernet cable.

\*The default WiFi name is Tenda\_XXXXXX, which can be found on the rear panel of the extender. And there is no WiFi password by default.

--End

**Enjoy your internet!**

The whole connection schematic diagram is similar to the figure shown below.



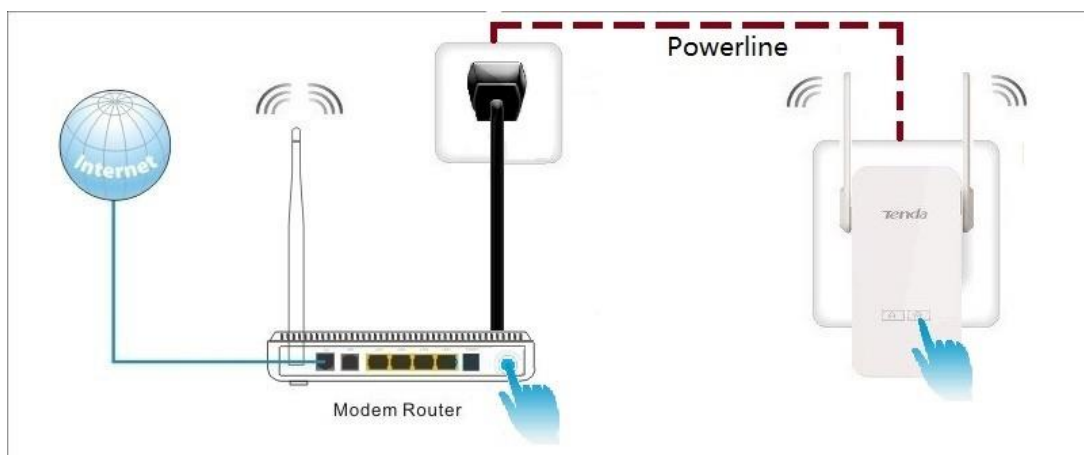
### Tips

- If you cannot access the internet after the operation above, refer to [Q1](#) to address the problem.
- Use a powerline adapter whose wireless speed is equal to the powerline extender (1000Mbps) to work with the extender, such as P3, to make sure the average wireless speed is equal or greater than 1000Mbps.
- After finishing the operation above, the adapter (P3) and the powerline extender (PA6) establish a public (unencrypted) powerline network. If you want to create a private (encrypted) powerline network, follow the steps in [Secure Your Powerline Network](#).

## 2.2 Clone WiFi

With WiFi clone function, the extender can copy the WiFi name and password of your existing wireless router (with WPS enabled).

Follow the steps below to clone your WiFi.



1. Plug the powerline extender (PA6) next to the wireless router (with WPS enabled).
2. Press the **WPS** button on the wireless router.

3. Then press the **WiFi** button on the powerline extender (PA6), and wait until the WiFi LED blinks quickly for a few seconds.
4. Relocate the extender (PA6) to your chosen position after successful cloning.

--End

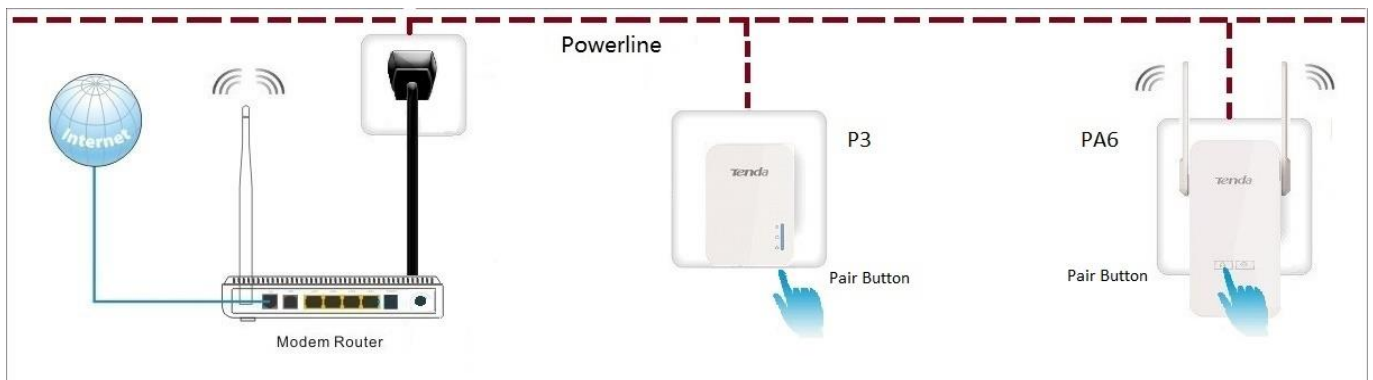


#### Tips

- The extender's (PA6) WiFi name (SSID) and password are changed to the same as those of your wireless router after cloning. Re-connect your clients to the powerline extender after cloning.
- If your router doesn't support WPS feature, or the cloning operation doesn't work, you can [log in](#) to the extender's web UI to change the wireless name and password. Refer to [Change the WiFi name & password](#) for details.

## 2.3 Secure Your Powerline Network

In this part, it instructs you to use pair button to secure your powerline network.



1. Plug the extender (PA6) next to the powerline adapter (P3).
2. Press the **Pair** button on the adapter (P3), and wait until the PLC LED indicator blinks.
3. Press the **Pair** button on PA6, and wait until the PLC LED blinks quickly.

When the PLC LED indicator on each powerline device turns solid green, a secure powerline network is established.

4. Relocate the extender (PA6) to your chosen position.

--End

## 2.4 Add More Powerline Adapters

If you want to add more powerline adapters to a private powerline network, follow the steps below:

1. Press the **Pair** button of any powerline device in the security powerline network.
2. Press the **Pair** button on the new powerline device.

--End

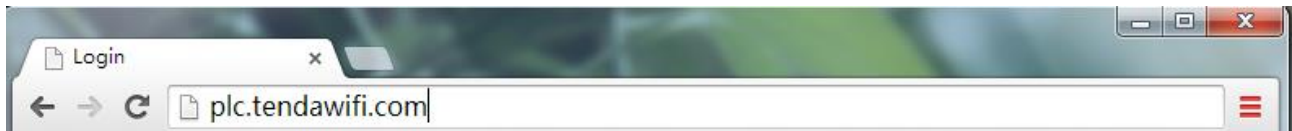
When the PLC LED indicators on both powerline devices turn solid green, the new powerline device is added to the powerline network successfully.

## 3 Configure the Extender

In this section, it describes how to use the web UI to configure the extender.

### 3.1 Login

1. Connect your computer to the extender wirelessly, via an Ethernet cable, or via powerline.
2. Launch a web browser, type **plc.tendawifi.com** in the address bar of the browser, and tap **Enter** on the keyboard.



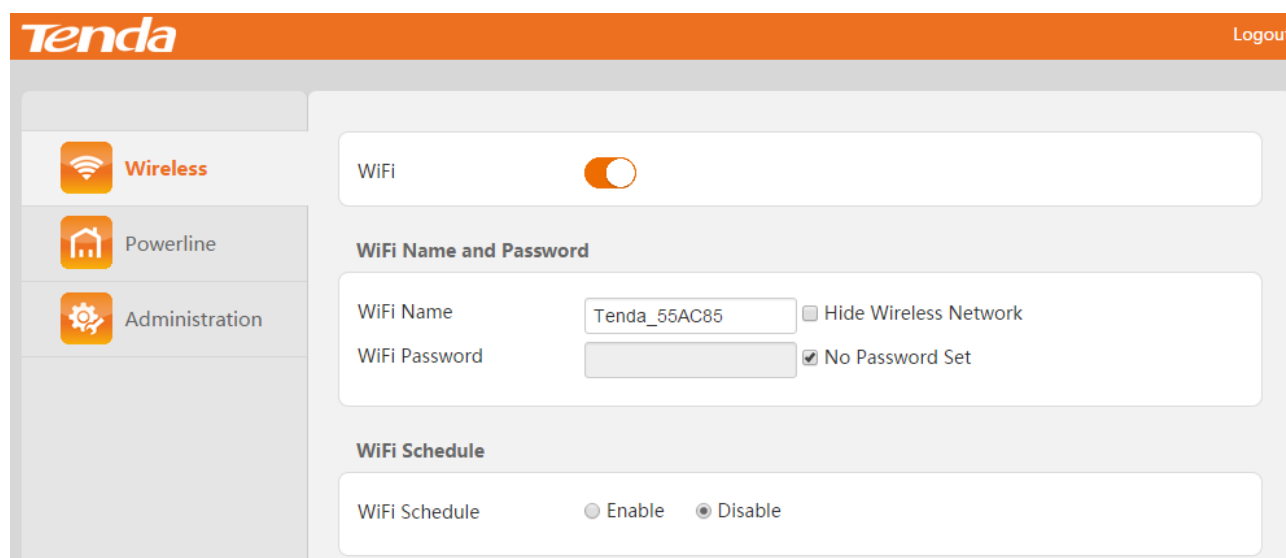
3. Select your familiar language manually. The web UI provides 11 languages (English, Deutsch, Español, Français, Italiano, Polski, Română, Magyar, Português, Türkçe and Русский). And it matches with the browser's language automatically.
4. Type the default login password **admin**, and click **Login**.

A screenshot of the Tenda login page. At the top is the 'Tenda' logo in orange. Below it is a language selection dropdown menu showing 'English' with a globe icon. Underneath is a password input field with a key icon and the placeholder text 'Login password'. Below the password field is an orange 'Login' button. At the bottom, there is a link that says 'Forgot password?' with a right-pointing arrow.

--End

## 3.2 Wireless

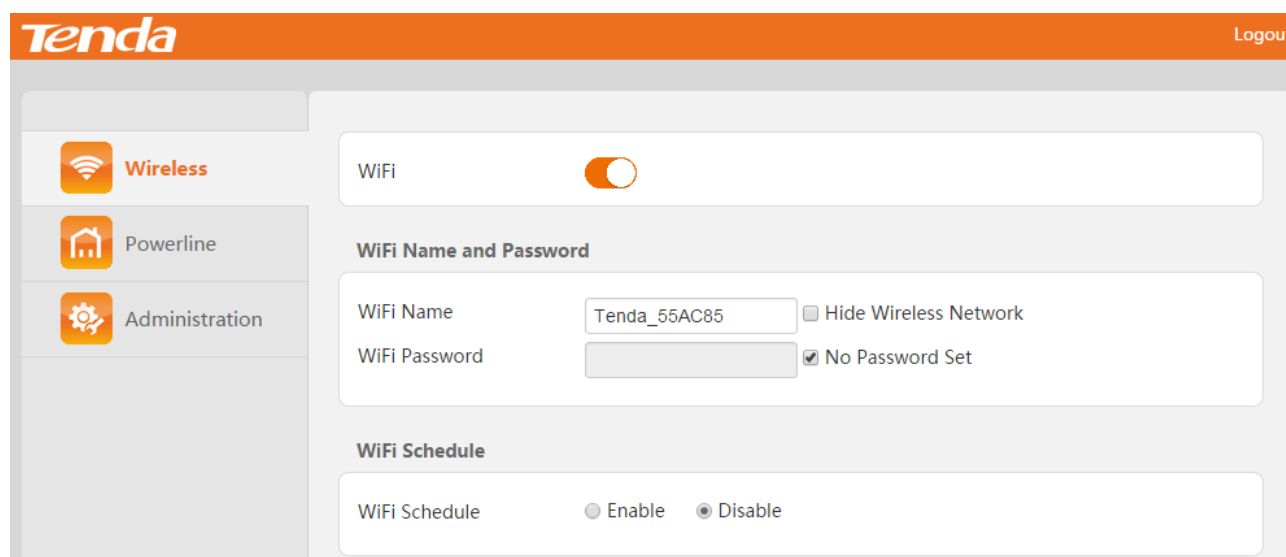
In the wireless settings part, you can configure the WiFi name and password manually, and specify the time that you want to enable/disable your WiFi.



The screenshot shows the Tenda web interface. On the left is a sidebar with three icons: a Wi-Fi icon labeled 'Wireless', a house icon labeled 'Powerline', and a gear icon labeled 'Administration'. The 'Wireless' section is active. The main content area has a header 'Tenda' and a 'Logout' link. Below the header, there's a 'WiFi' toggle switch which is turned on. Underneath, the 'WiFi Name and Password' section contains two input fields: 'WiFi Name' with the value 'Tenda\_55AC85' and 'WiFi Password' which is empty. To the right of these fields are two checkboxes: 'Hide Wireless Network' (unchecked) and 'No Password Set' (checked). Below this is the 'WiFi Schedule' section with a 'WiFi Schedule' label and two radio buttons: 'Enable' (selected) and 'Disable' (unselected).

### 3.2.1 Change the WiFi Name & Password

1. [Log in](#) to the extender's web UI, and click **Wireless**.
2. Move to **WiFi Name and Password** part, uncheck the **No Password Set** option and then customize the WiFi name and password.



This screenshot is identical to the one above, showing the Tenda web interface with the 'Wireless' settings page. The 'WiFi Name' is 'Tenda\_55AC85', the 'WiFi Password' is 'No Password Set', and the 'WiFi Schedule' is set to 'Enable'.

3. Click **OK** on the bottom of this page to apply your settings.

--End



#### Tips

- There is no default WiFi password. So the **No Password Set** option is checked by default. Uncheck it before you customize a WiFi password.
- If the **Hide Wireless Network** option is checked, the wireless clients cannot search the WiFi name of the router. You need know the WiFi name in advance and enter the WiFi name on each wireless client manually.

## 3.2.2 Schedule Your WiFi

**WiFi Schedule**

WiFi Schedule ☐ Enable ☒ Disable

1. [Log in](#) to the extender's web UI, and click **Wireless**.
2. Move to **WiFi Schedule** part, and specify the time you want to turn off your WiFi.

For example:

If you want to turn off your WiFi during 00:00~07:00, from Sun. to Sat, you can configure it as shown in the picture below:

**Tenda** Logout

**Wireless**

WiFi ☒

**WiFi Name and Password**

WiFi Name: Tenda\_55AC85 ☐ Hide Wireless Network

WiFi Password: ..... ☐ No Password Set

**WiFi Schedule**

WiFi Schedule ☒ Enable ☐ Disable

Turn WiFi off during 00 : 00 ~ 07 : 00

Repeat ☒ Sun ☒ Mon ☒ Tue ☒ Wed ☒ Thu ☒ Fri ☒ Sat

3. Click **OK** on the bottom of this page to apply your settings.

--End



#### Tips

If you don't want to use this feature, click **Disable** > **OK** to disable it.

### 3.2.3 Deny an Unknown Wireless Device

1. [Log in](#) to the extender's web UI, and click **Wireless**.
2. Move to **Wireless Access Control** part. You can see the wireless devices connected to the extender.

**Wireless Access Control**

Host Name	MAC Address	Internet Access
android-75c4...	38:BC:1A:AF:D1:1F	<input checked="" type="checkbox"/>
		<b>+Add</b>

For example: If you want to deny the device with MAC address 38:BC:1A:AF:D1:1F, click the **Internet Access** button to change it to the ☐ state, and then click **OK** to apply your settings.

**Wireless Access Control**

Host Name	MAC Address	Internet Access
android-75c4...	38:BC:1A:AF:D1:1F	<input type="checkbox"/>
		<b>+Add</b>

--End



#### Tips

- You can type a descriptive name in **Host Name** field for the device to recognize it easily.
- If you want to deny a wireless device with specified MAC address, you can click **+Add**, type its MAC address in the **MAC Address** field manually, and click **OK** to apply your settings.



Wireless Access Control

Host Name	MAC Address	Internet Access
android-75c4...	38:BC:1A:AF:D1:1F	<input type="checkbox"/>
<input type="text" value="Host Name(Optional)"/>	<input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/>	<input type="checkbox"/>

+Add

### 3.2.4 Change the Wireless Parameters

1. [Log in](#) to the extender's web UI, and click **Wireless**.
2. Move to **Wireless Parameters** part, you can change the mode, channel and channel width in this part.

Wireless Parameters

Mode

11b/g/n mixed ▼

Channel

Auto ▼

Current Channel:11

Channel Width

40MHz ▼

Current Channel Width:40MHZ

3. Click **OK** to apply your settings after configuration.

--End

#### Parameters Description

Mode	Compatibility	Wireless Speed
11b/g/n mixed	Allows 802.11b, 802.11g, and 802.11n devices to join the network.	Up to 300Mbps
11b/g	Allows 802.11b and 802.11g devices to join the network.	Up to 54Mbps
11b	Allows 802.11b devices to join the network.	Up to 11Mbps
11g	Allows 802.11g devices to join the network.	Up to 54Mbps

**Channel:** Do not change the channel unless you experience interference (shown by lost wireless connection or slow data transfers). If this happens, experiment with different channels to see which the best is. The recommended channel spacing between adjacent access points is four channels (for example, use channel 1 and 5, or 6 and 10).

**Channel Width (Only available in 11b/g/n mixed mode):**

Select any of these channel bandwidths to accommodate higher transmission speeds:

- **40MHz:** Select this bandwidth to maximize the wireless throughput.
- **20MHz:** Select this bandwidth if you encounter some issues with your wireless connection.
- **Auto:** Select this bandwidth if you want it to change the channel bandwidth automatically according to needs.

## 3 Powerline

This section allows you to configure the powerline network settings.

**Tenda** Logout

**Wireless**

**Powerline**

**Administration**

**PLC Network Settings**

Network Name: HomePlugAV Default

MAC Address: 00:EA:EF:55:AC:87

**PLC Device List**

Device Name	MAC Address	Tx Rate	Rx Rate
PLC Adapter	C8:3A:35:A4:00:83	916Mbps	858Mbps

### 3.1 Change the Extender's Network Name

#### ! Note

- Only the powerline devices sharing a same network name can be in a same powerline network. And the powerline devices in different powerline networks cannot communicate with each other.
- The default network name is **HomePlugAV**. All powerline devices with this default network name can establish a public powerline network automatically. So if you want the powerline devices to establish a private powerline network for security purpose, change their network names to the same one. Or you can refer to [Secure Your Powerline Network](#) to use the pair button.

1. [Log in](#) to the extender's web UI, and click **Powerline**.
2. Type a new network name and click **OK** to apply your settings.

--End

**Tenda** Logout

Wireless  
Powerline  
Administration

**PLC Network Settings**

Network Name  Default

MAC Address 00:EA:EF:55:AC:87

**PLC Device List**

Device Name	MAC Address	Tx Rate	Rx Rate
PLC Adapter	C8:3A:35:A4:00:83	933Mbps	873Mbps



#### Tips

- You can click **Default** to restore the default network name, and click **OK** to save it.
- The powerline devices paired with each other have a same network name. So you can use the pair button to change their network names to a same one.

## 3.2 Change the Device Name

- [Log in](#) to the extender's web UI, and click **Powerline**.
- Type a new name in the **Device Name** field for easy recognition.

**Tenda** Logout

Wireless  
Powerline  
Administration

**PLC Network Settings**

Network Name HomePlugAV Default

MAC Address 00:EA:EF:55:AC:87

**PLC Device List**

Device Name	MAC Address	Tx Rate	Rx Rate
<input type="text"/>	C8:3A:35:A4:00:83	932Mbps	887Mbps

- Click **OK** on the bottom of this page to apply your settings.

--End



#### Tips

The PLC Device List presents all powerline devices in a same powerline network as the extender.

## 4 Administration

This section describes how to administer and maintain the extender.

### 4.1 Change the Login Password

1. [Log in](#) to the extender's web UI, and click **Administration**.
2. Type the old password, new password, and retype the new password respectively in the corresponding field.

3. Click **OK** on the bottom of this page to apply your settings.

--End



Tips

The old password is **admin** when you change it at the first time.

### 4.2 Network Settings

This part allows you to view this extender's current network info: LAN IP address (the LAN IP of

the extender which is obtained from the connected router), subnet mask, default gateway, and DNS server. When you uncheck the option before **Enable**, you can set up them manually.

### Network Settings

DHCP Client	<input checked="" type="checkbox"/> Enable
LAN IP	<input type="text" value="192"/> · <input type="text" value="168"/> · <input type="text" value="10"/> · <input type="text" value="188"/>
Subnet Mask	<input type="text" value="255"/> · <input type="text" value="255"/> · <input type="text" value="255"/> · <input type="text" value="0"/>
Default Gateway	<input type="text" value="192"/> · <input type="text" value="168"/> · <input type="text" value="10"/> · <input type="text" value="1"/>
DNS Server	<input type="text" value="192"/> · <input type="text" value="168"/> · <input type="text" value="10"/> · <input type="text" value="1"/>

## 4.3 Select a Time Zone

1. [Log in](#) to the extender's web UI, and click **Administration**.
2. Move to the **Date & Time** part, and select your time zone.

### Date & Time

Time Zone	<input type="text" value="(GMT+01:00)Amsterdam, Berlin, Ber"/>	
Current Date & Time	<input type="text" value="2016-1-16 10:55:32"/>	Current date and time has synced with the Internet.

3. Click **OK** on the bottom of this page to apply your settings.

--End



### Tips

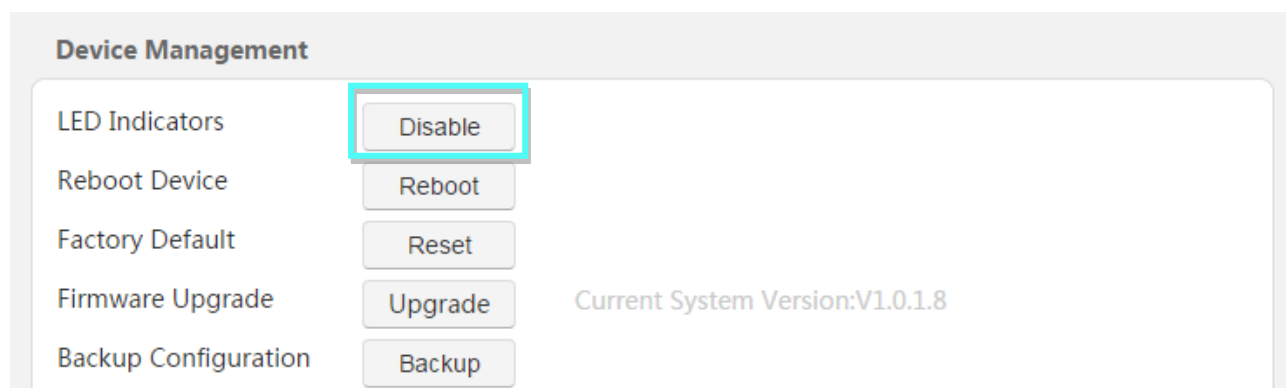
The system date and time sync with the internet according to your selected time zone.

## 4.4 Turn off LED Indicators

If you want to use the extender in your bedroom at night, but the LED indicators on it disturb you, you can turn them down on the extender's web UI instead of unplugging them.

1. [Log in](#) to the extender's web UI, and click **Administration**.
2. Move to **Device Management** part, and click **Disable**.

--End



#### Tips

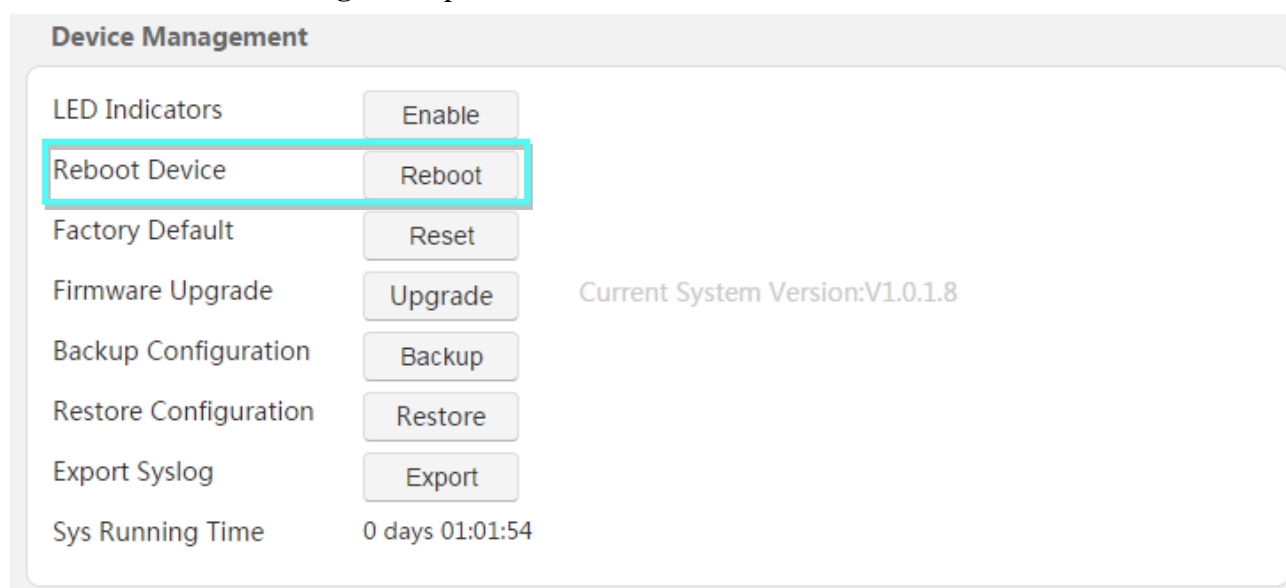
The extender is still working when the LED indicators are off. Don't forget to turn LED indicators on if you need observe them. To turn on the LED indicators, just click the **Enable** button on the web UI.



## 4.5 Reboot the Extender

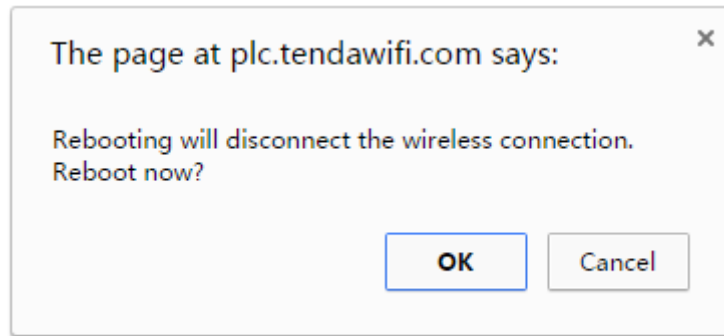
Rebooting the extender activates any modified settings on the extender. When the parameters you set cannot take effect or the extender cannot be used normally, please try rebooting your extender to solve these problems. Note that when the extender is rebooting, do not unplug it.

1. [Log in](#) to the extender's web UI, and click **Administration**.
2. Move to **Device Management** part, and click **Reboot**.



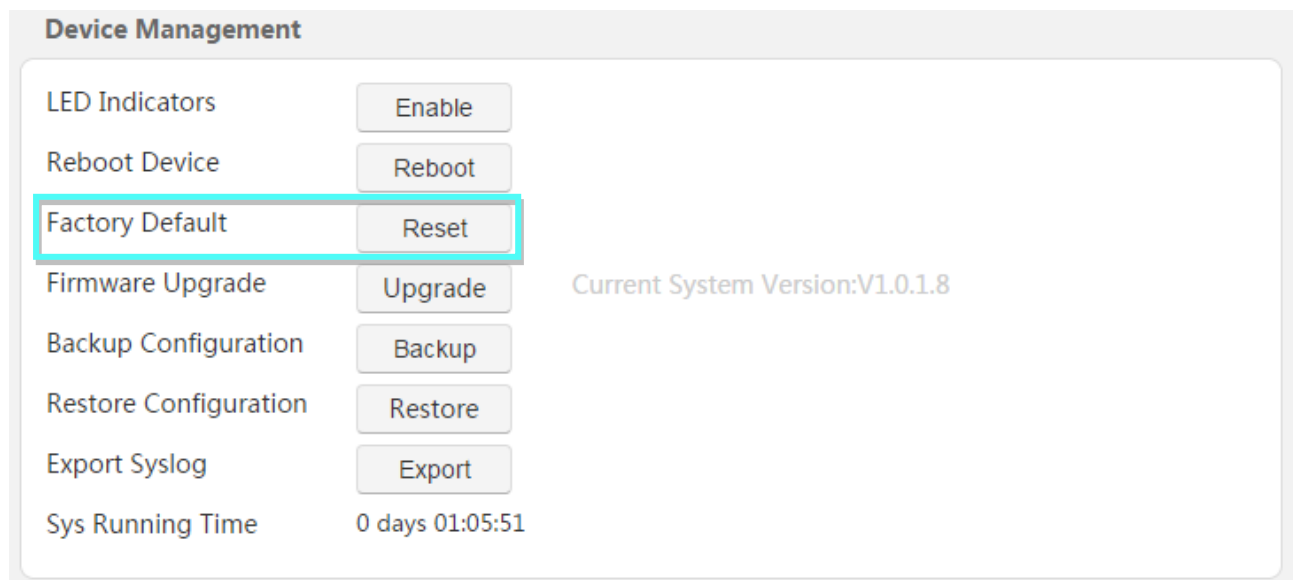
3. Click **OK** on the pop-up window.

--End

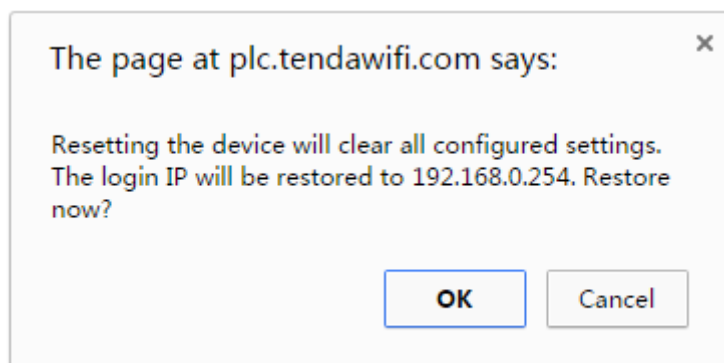


## 4.6 Reset the Extender

1. [Log in](#) to the extender's web UI, and click **Administration**.
2. Move to **Device Management** part, and click **Reset**.



3. Click **OK** on the pop-up window.



--End

## ! Notes

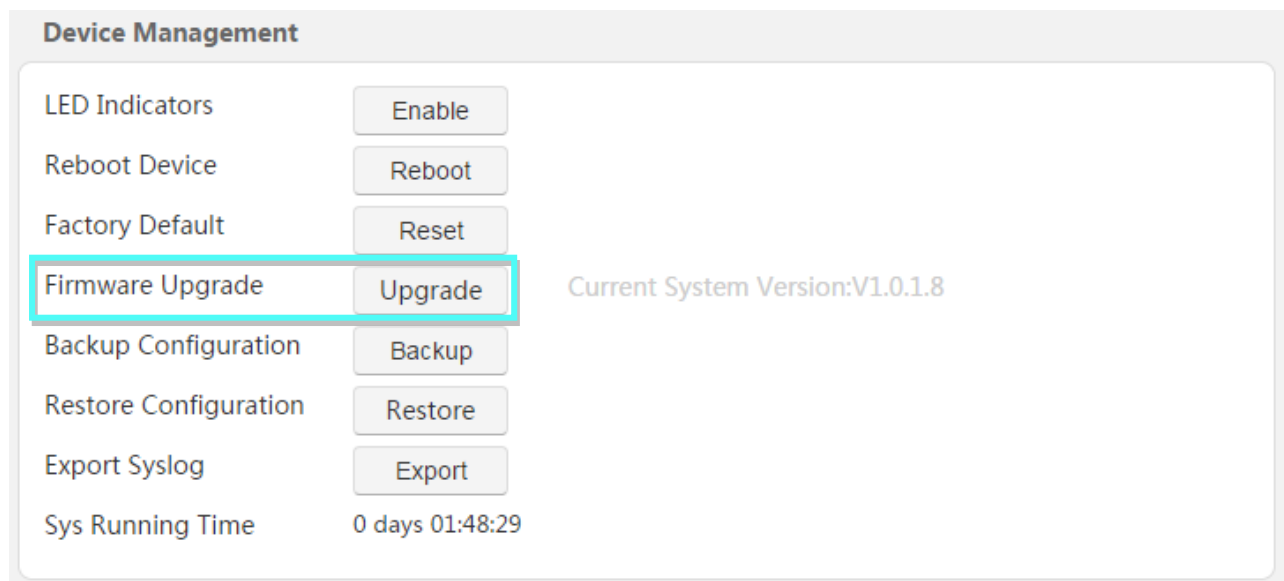
Strongly recommend you not to reset the extender, unless the following sequence appears:

- You have to access the extender but you forget the login password.
- Your extender does not work well, and you want to reconfigure it.
- You cannot access the internet, and Tenda technical support recommends you to restore it to factory default.

## 4.7 Upgrade

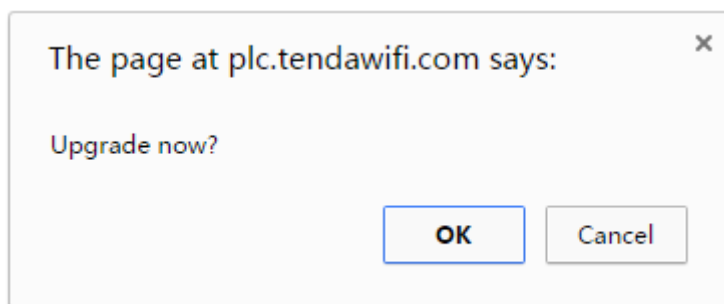
Tenda website offers the latest software version for your extender. Follow steps below to upgrade the device if you want.

1. [Log in](#) to the extender's web UI, and click **Administration**.
2. Move to **Device Management** part, and click **Upgrade**.



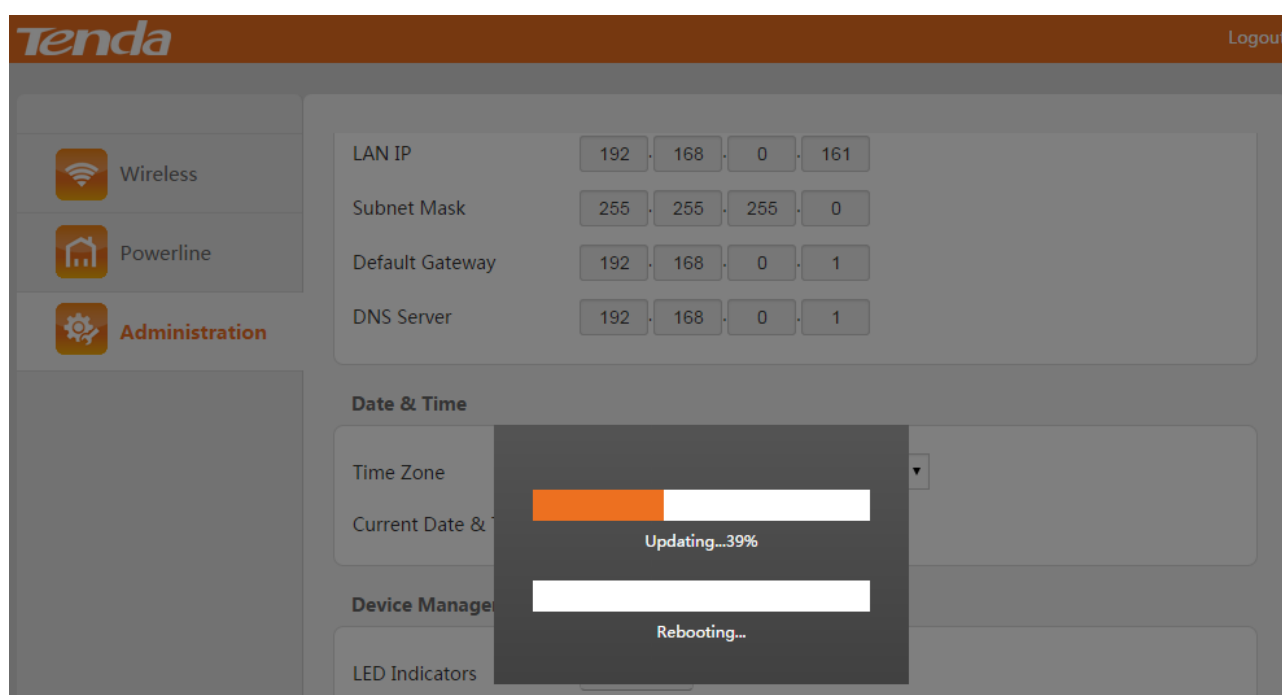
The screenshot shows the 'Device Management' section of a web interface. It contains a list of actions with corresponding buttons: LED Indicators (Enable), Reboot Device (Reboot), Factory Default (Reset), Firmware Upgrade (Upgrade), Backup Configuration (Backup), Restore Configuration (Restore), Export Syslog (Export), and Sys Running Time (0 days 01:48:29). The 'Firmware Upgrade' row is highlighted with a red border, and the 'Upgrade' button is also highlighted. To the right of the buttons, the text 'Current System Version:V1.0.1.8' is displayed.

3. Select the upgrade file, and click **OK** on the pop-up window.



The screenshot shows a pop-up dialog box with the title 'The page at plc.tendawifi.com says:'. The main text inside the box is 'Upgrade now?'. At the bottom right, there are two buttons: 'OK' and 'Cancel'.



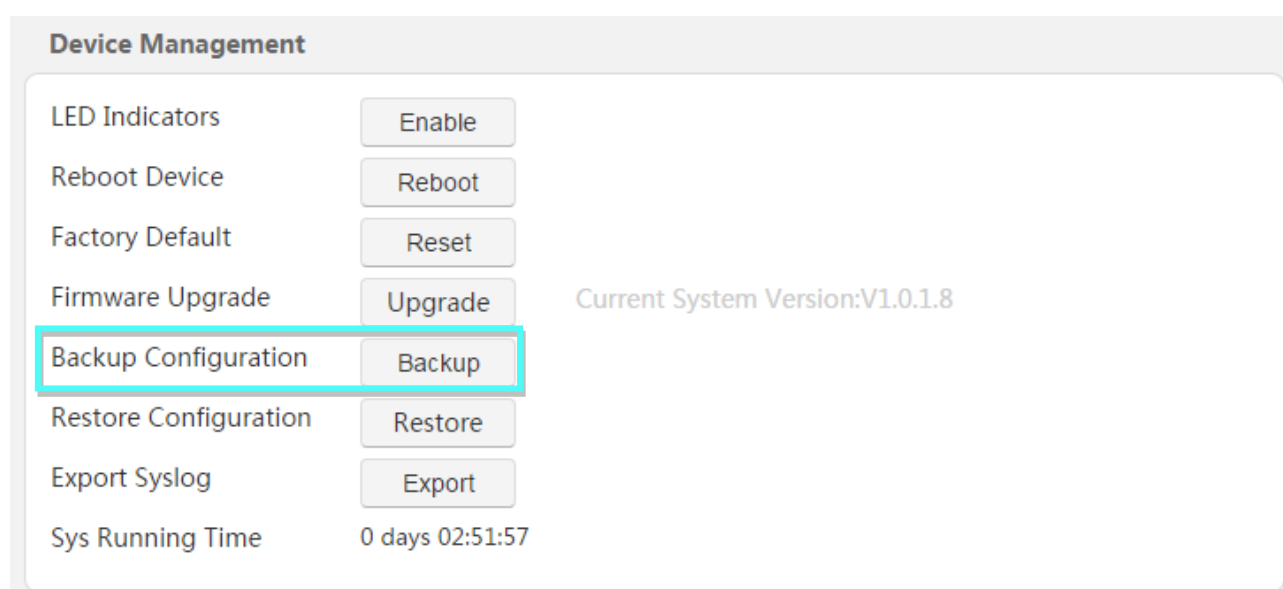


--End

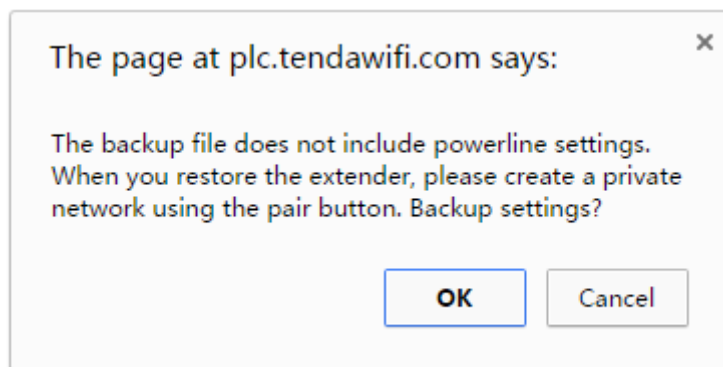
## 4.8 Backup the Configuration

If you find the current settings can maintain a good performance for your extender, you can back up the configurations on time in case of need.

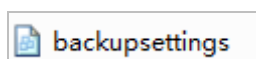
1. [Log in](#) to the extender's web UI, and click **Administration**.
2. Move to **Device Management** part, and click **Backup**.



3. Click **OK** on the pop-up window.



4. Save the file (with suffix **.conf**) to your host.

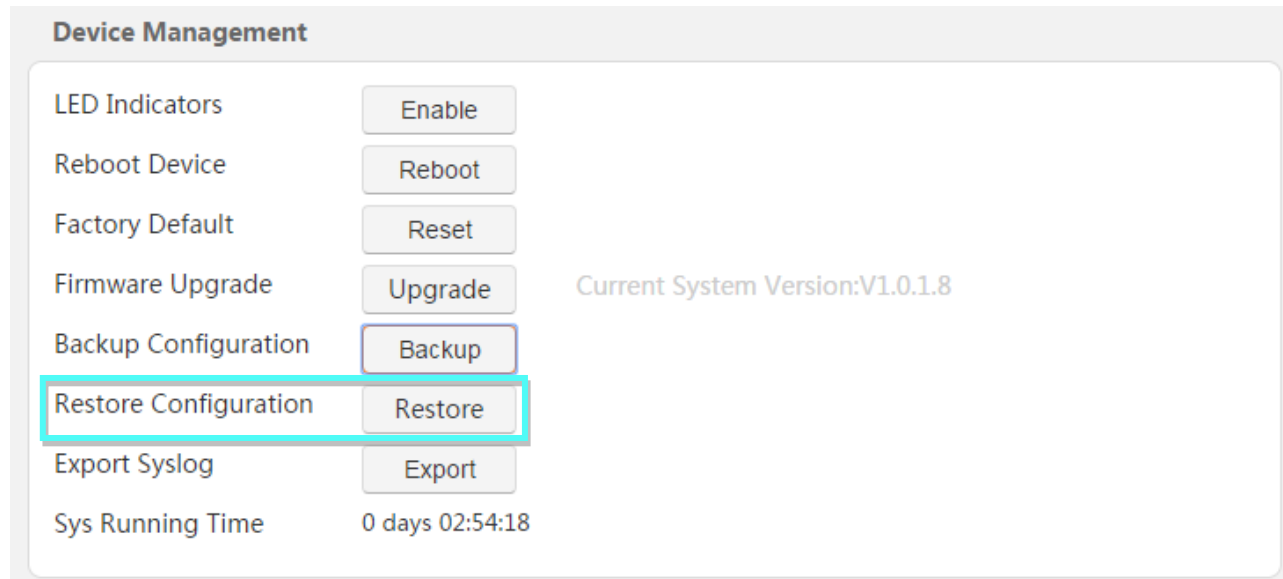


--End

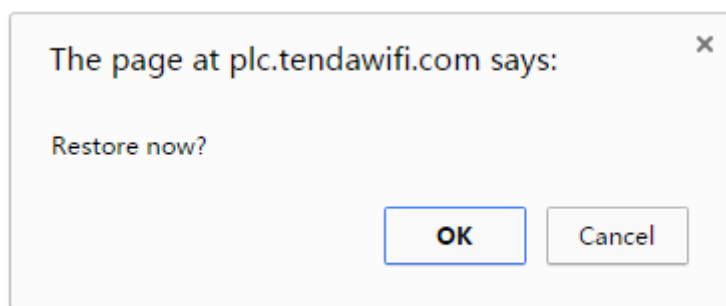
## 4.9 Restore the Configuration

If you reset the extender carelessly, and don't want to reconfigure it, you can restore it using the configuration file you saved before.

1. [Log in](#) to the extender's web UI, and click **Administration**.
2. Move to **Device Management** part, and click **Restore**.



3. Select the backup file, and click **OK** on the pop-up window.

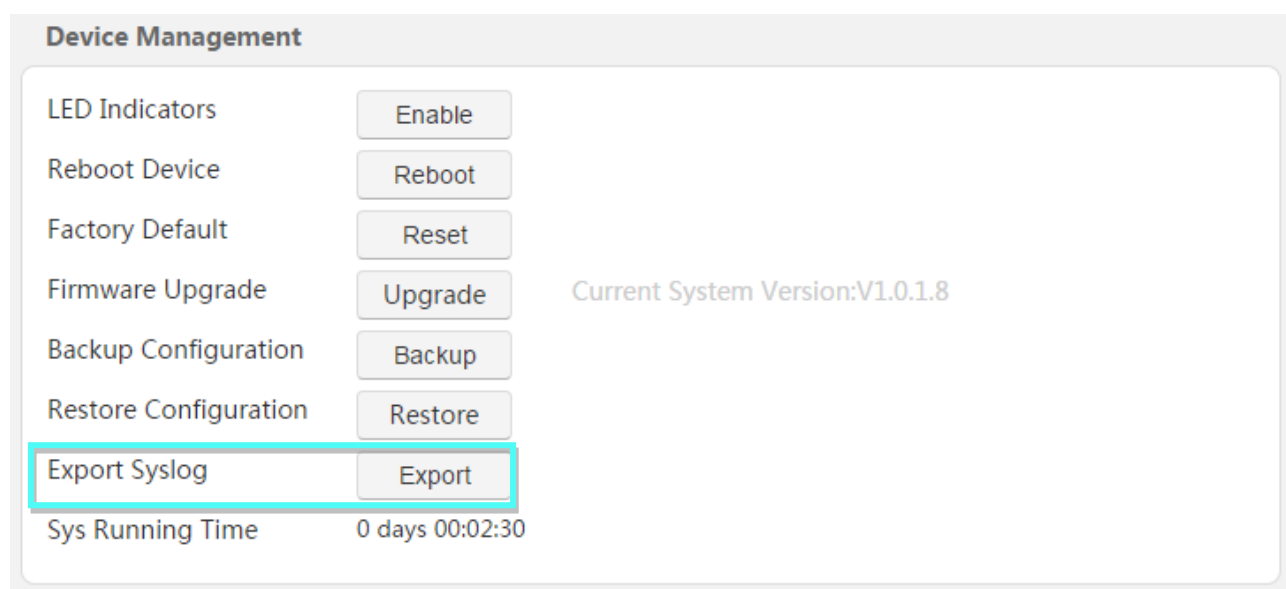


--End

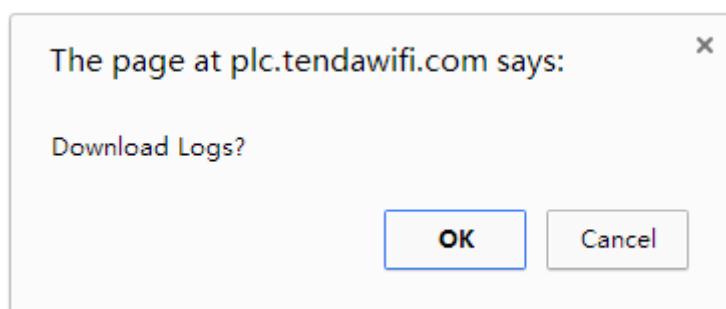
## 4.10 Export the Syslog

If you want to have a good knowledge of system operation, or when you have difficulties in surfing the internet, you need to send your system logs to Tenda technical supporters.

1. [Log in](#) to the extender's web UI, and click **Administration**.
2. Move to **Device Management** part, and click **Export**.



3. Click **OK** on the pop-up window.



--End


# Appendix

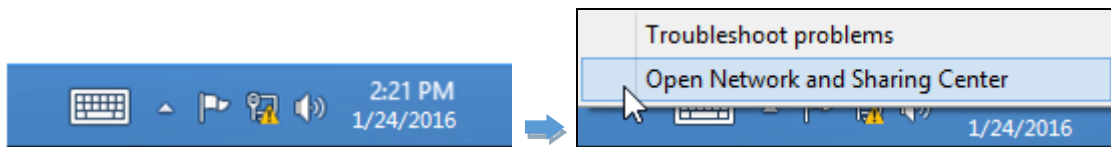
This Chapter provides you with more information about how to configure your computer, join your WiFi, common questions and answers, and etc.

## 1 Configure Your Computer


We take [Windows 8](#), [Windows 7](#), and [Windows XP](#) as examples here.

### Windows 8

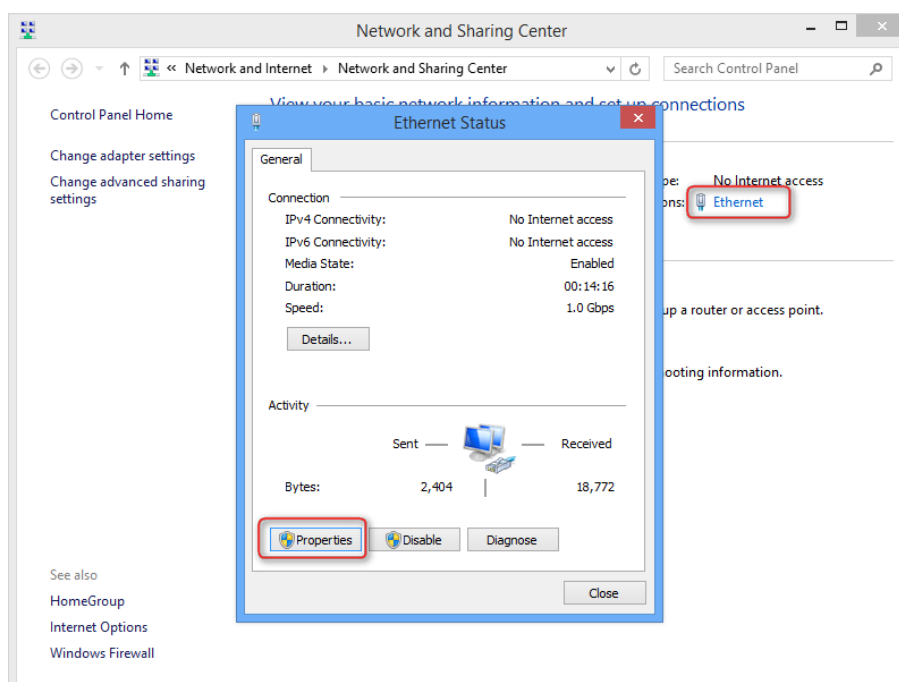
- 1 Right click the icon  on the bottom right corner of your desktop. Click **Open Network and Sharing Center**.



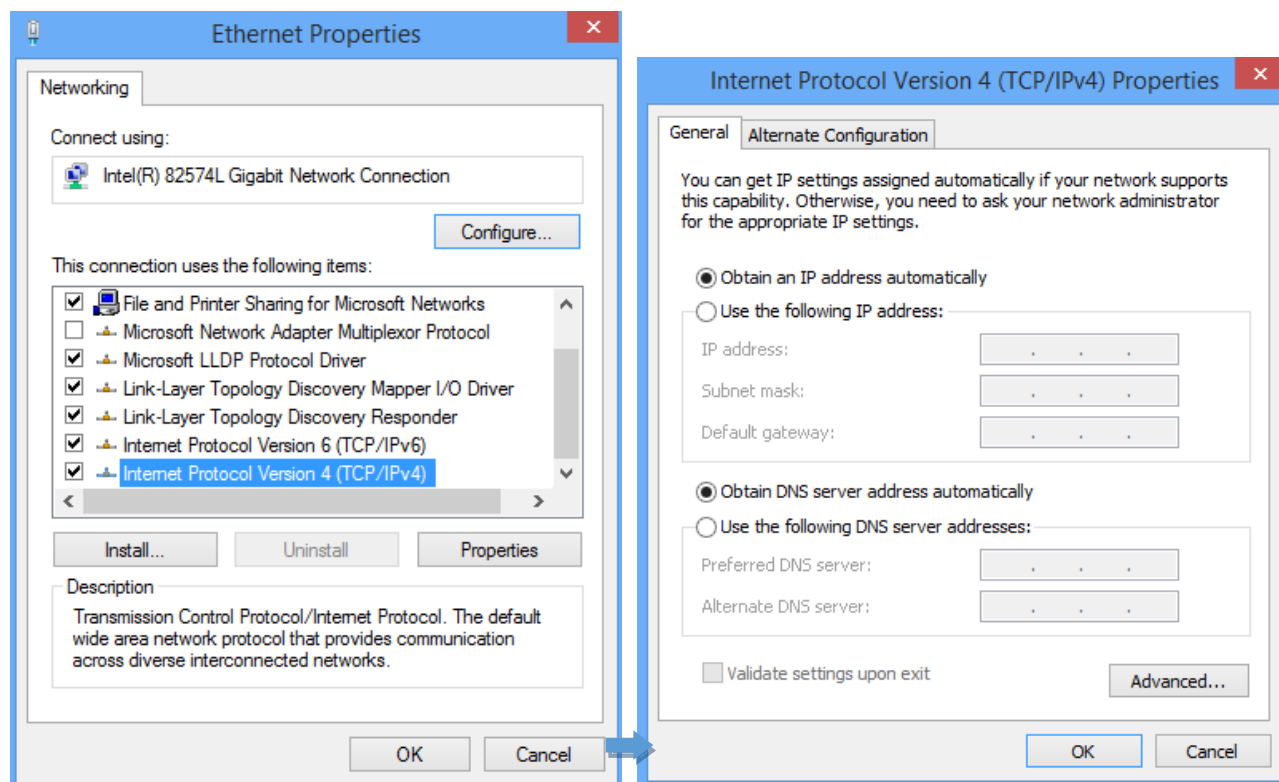
Tips

If you cannot find the icon , please move your cursor to the top right corner of your desktop, select **Settings > Control Panel > Network and Internet > Network and Sharing**.

- 2 Click **Ethernet > Properties**.




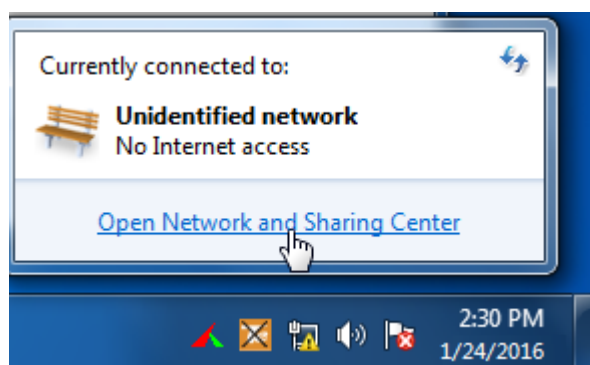
- 3 Find and double click **Internet Protocol Version 4(TCP/IPv4)**. Select **Obtain an IP address automatically** and **Obtain DNS server address automatically** and click **OK**.




- 4 Click **OK** on the **Ethernet Properties** window (see 3 for the screenshot).

## Windows 7

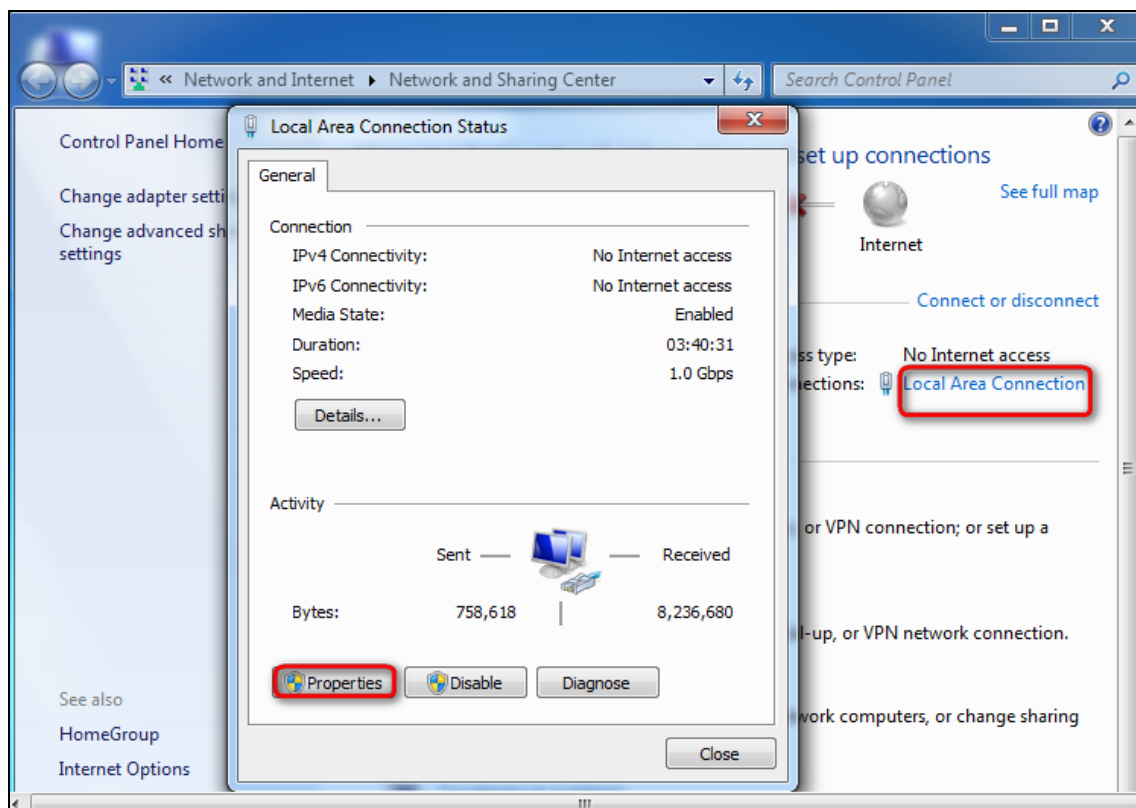
- 1 Click the icon  on the bottom right corner of your desktop. Click **Open Network and Sharing Center**.



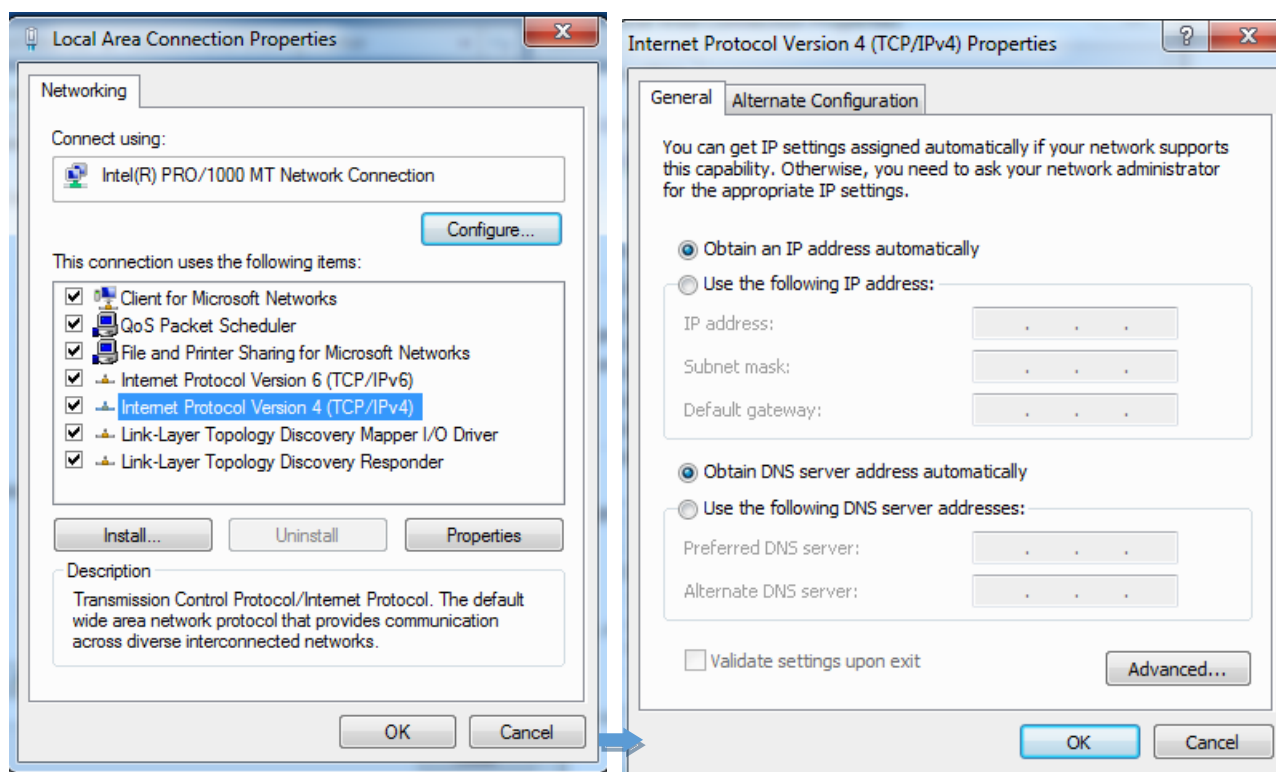
### Tips

If you cannot find the icon  on the bottom right corner of your desktop, follow steps below:  
Click **Start > Control Panel > Network and Internet > Network and Sharing Center**.

- 2 Click **Local Area Connection > Properties**.



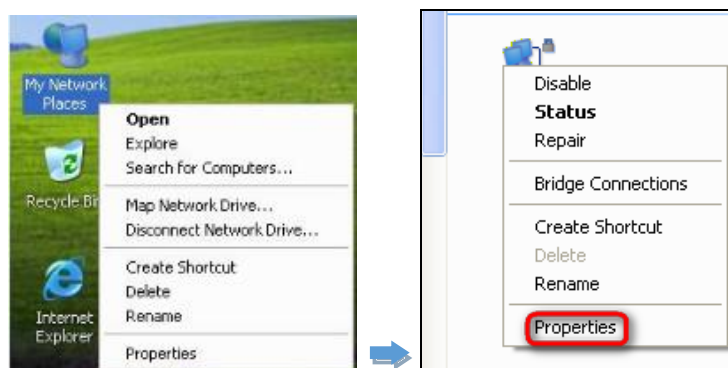
- 3 Find and double click **Internet Protocol Version 4(TCP/IPv4)**. Select **Obtain an IP address automatically** and **Obtain DNS server address automatically** and click **OK**.



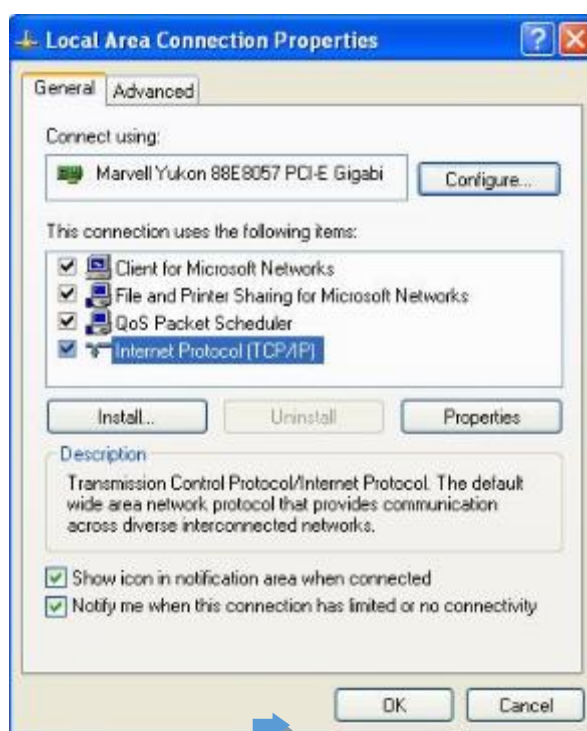
- 4 Click **OK** on the **Local Area Connection Properties** window (see 3 for the screenshot).

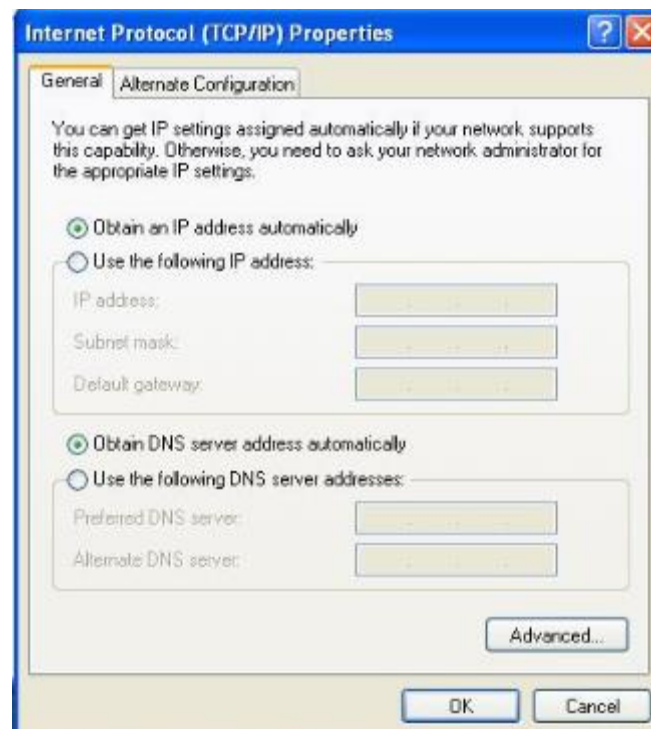
## Windows XP

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



- 2 Scroll down to find and double click **Internet Protocol (TCP/IP)**. Select **Obtain an IP address automatically** and **Obtain DNS server address automatically** and click **OK**.





- 3 Click **OK** on the **Local Area Connection Properties** window (see 2 for the screenshot).

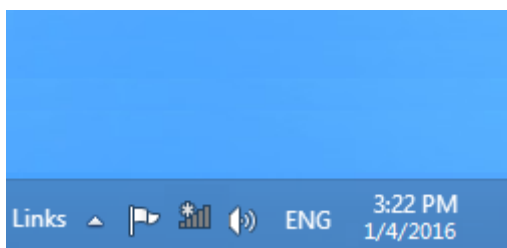


## 2 Join Your WiFi


This part instructs you how to connect to your wireless network via your computer or wireless clients. We take [Windows 8](#), [Windows 7](#), [iPad/iPhone](#), and [Android](#) as examples here. Choose the corresponding configuration steps according to your needs.

### Windows 8

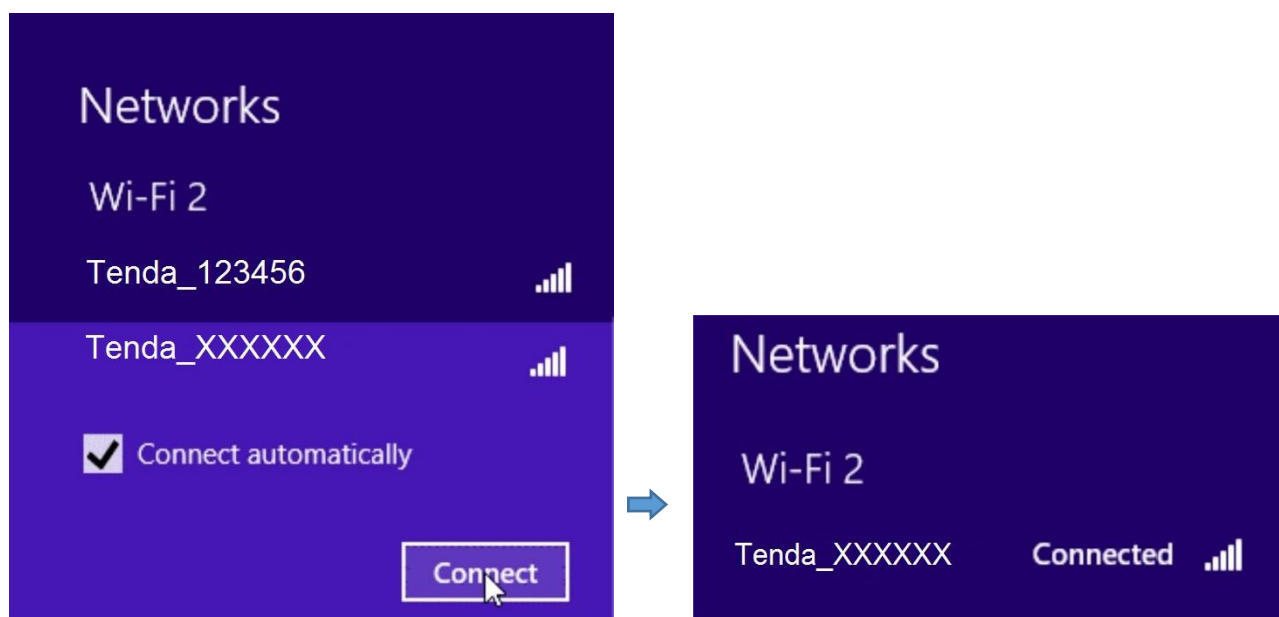
- 1 Click the icon  on the bottom right corner of your desktop.




#### Tips

- If you cannot find the icon , please move your cursor to the top right corner of your desktop, select **Settings > Control Panel > Network and Internet > Network and Sharing Center > Change adapter settings**, right click **Wi-Fi** and select **Connect/Disconnect**.
- If you cannot find your WiFi from the list, ensure the Airplane Mode is not enabled on your computer.

- 2 Select your WiFi from the list, click **Connect** and then follow onscreen instructions.
- 3 **Connected** successfully.




## Windows 7

1 Click the icon  on the bottom right corner of your desktop. Select your WiFi from the list, click Connect and then follow onscreen instructions.



### Tips

If you cannot find the icon , please move your mouse to the bottom left corner of your desktop, select **Start > Control Panel > Network and Internet > Network and Sharing Center > Change adapter settings**, right click **Wireless Network Connection** and select **Connect/Disconnect**.

2 **Connected** successfully.



## iPad/iPhone

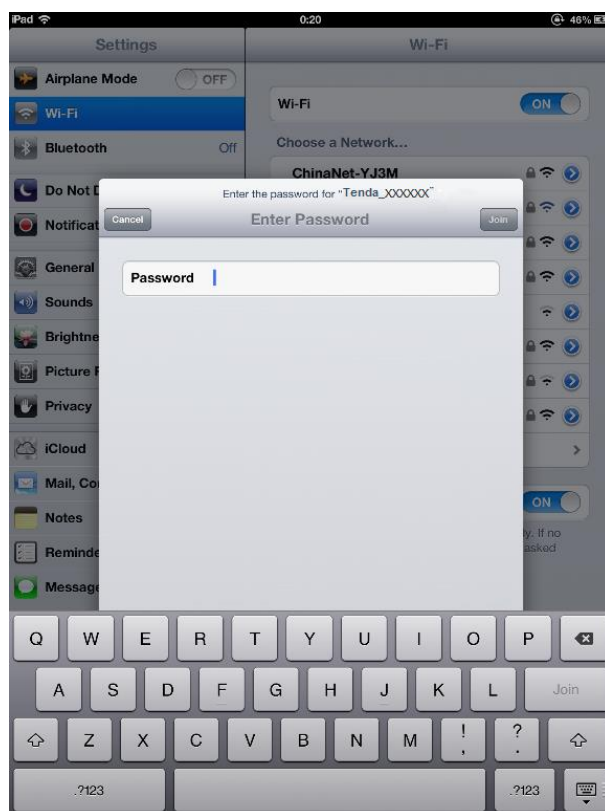
1 Click on **Settings**.



2 Click **Wi-Fi**, and choose your SSID.



3 Enter your Wireless password, and click **Join**.

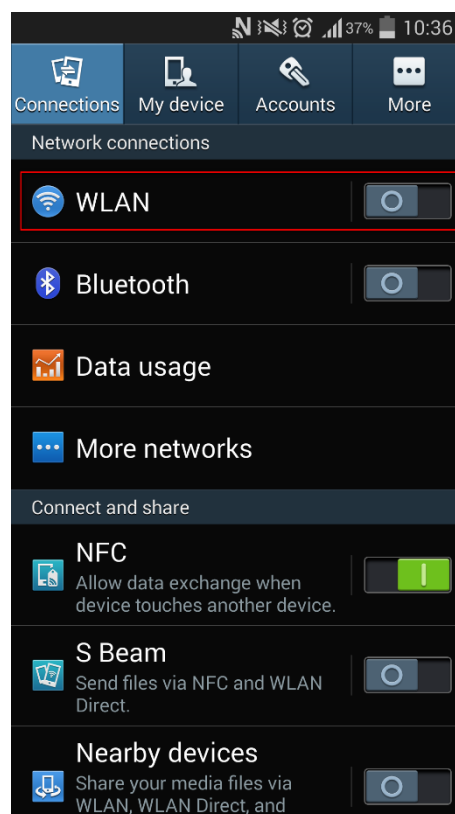


## Android

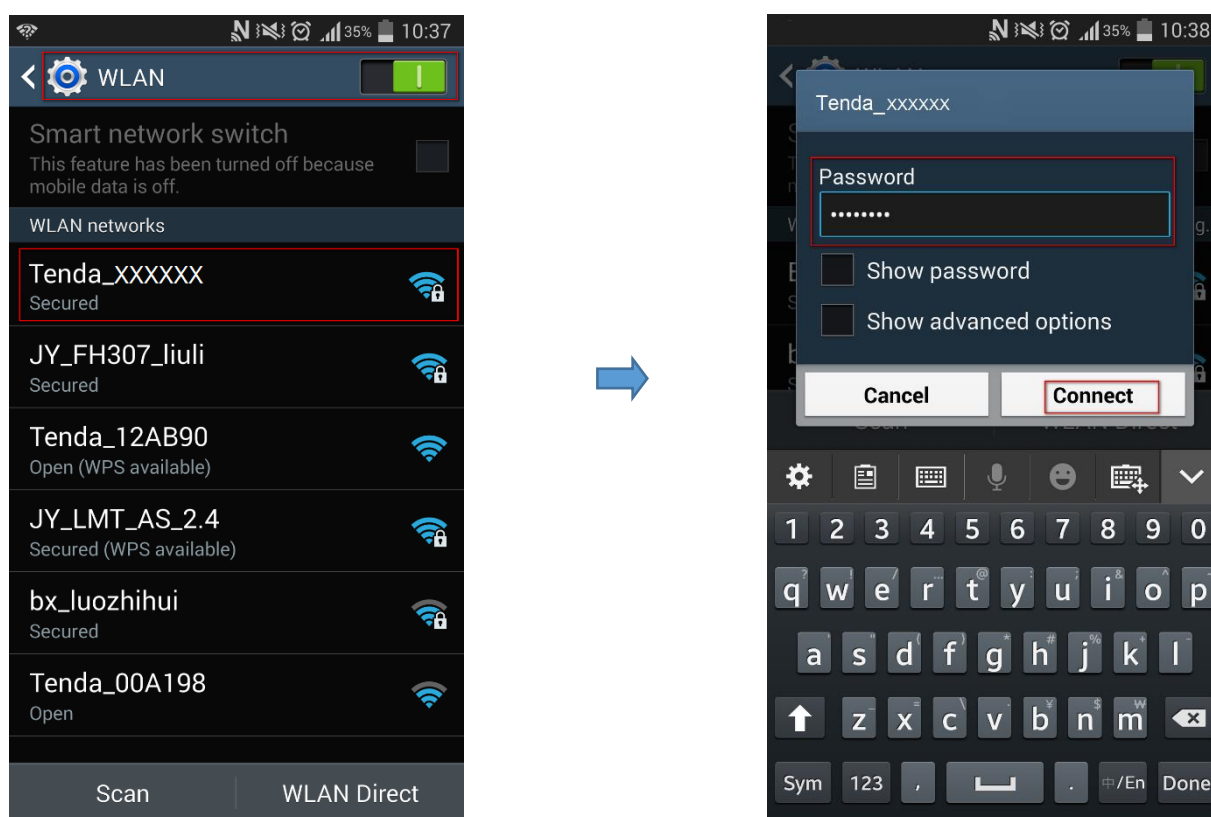
1 Click on **Settings**.



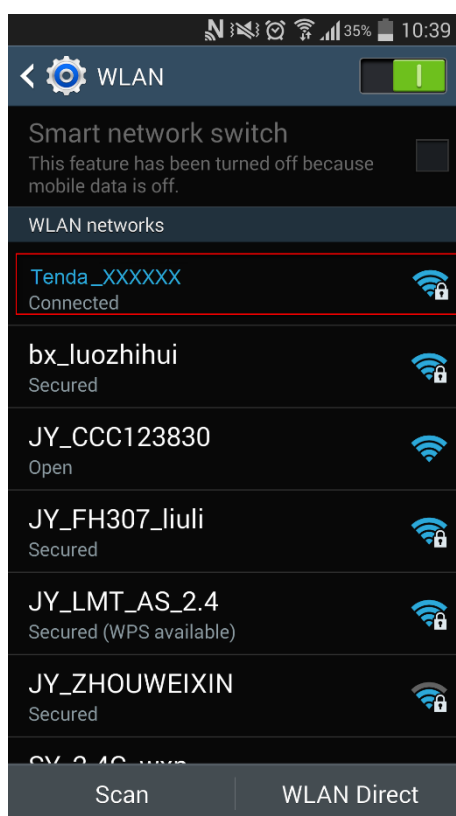
2 Click **WLAN** to enter your WLAN settings.



- 3 Enable your **WLAN**, and select your SSID. 4 Enter your wireless password, and click **Connect**.



- 5 When your WiFi is connected successfully, it displays **Connected**.



## 3 FAQs

**Q1: I cannot access the Internet after finishing the operations in Plug and Play, what should I do?**

A1: Please follow the instructions below step by step.

- a. Verify that your wireless router, the adapter (P3), and the extender (PA6) are well-connected.
- b. Verify that your router can access the internet normally. If not, please check the router's settings.
- c. Verify that your computer has been set to obtain an IP address automatically. Please refer to [Configure Your computer](#) for details.
- d. Observe the PLC LED indicators on the adapter (P3) and extender, and verify that they turn solid. Or log in to the extender's web UI, click **Powerline > PLC Device List**, and verify that the adapter (P3) is displayed here.
- e. Try using the pair button to pair them. Please refer to [Secure Your Powerline Network](#) if you don't know how to use pair button.

**Q2: Can a single Powerline adapter establish a Powerline network?**

A2: No. A minimum of 2 powerline adapters are required. One should be connected to a modem or router, the other to a computer, or other clients.

**Q3: Can a single Powerline extender be used?**

A3: Yes. A single powerline extender can be used as an access point which should be connected to a modem or router via an Ethernet cable. However, one single powerline extender cannot extend the Internet connection.

**Q4: Should all the adapters be in a same electrical circuit?**

A4: Yes. You should plug the adapters into the wall sockets in a same electric circuit if you want to create a powerline network.

**Q5: How to pair two adapters?**

A5: Follow the steps below:

- a. Plug the one adapter into a wall socket, and plug the other adapter into another wall socket nearby.
- b. Press the Pair button on the first adapter. The PLC LED indicator blinks.
- c. Press the Pair button on the second adapter. The PLC LED indicator also blinks.
- d. When the PLC LED indicator on each adapter turns solid green, they pair with each other

successfully.

## 4 Technical Support

If you still have some problems, please contact our technical support.

Country	Hotline
United States	1-800-570-5892
HongKong	00852-81931998
Canada Hotline	1-888-998-8966

Type	Details
Skype	Tendasz
website	<a href="http://www.tendacn.com">http:// www.tendacn.com</a>
E-mail	<a href="mailto:support@tenda.com.cn">support@tenda.com.cn</a>



## 5 Safety and Emission Statement

### Attention

This product can only be used in vertical direction.



### 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.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

### Declaration of Conformity

Hereby, SHENZHEN TENDA TECHNOLOGY CO. LTD. declares that the radio equipment type PA6 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.tendacn.com/en/service/page/ce.html>

Operate Frequency:

2.4G: EU/2400-2483.5MHz (CH1-CH13)

EIRP Power (Max.):

2.4GHz: 19.93dBm

Software Version: V1.0.1.11



## RECYCLING

This product bears the selective sorting 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 to minimize its impact on the environment.

User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

-for PLUGGABLE EQUIPMENT, the socket-socket shall be installed near the equipment and Shall be easily accessible.



## FCC 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.

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 of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an socket on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC 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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

#### 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 complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

