



N300 Mini WiFi Range Extender· A301

User Guide

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Preface

Thank you for choosing Tenda! Please read this user guide before you start.

Conventions

This user guide is applicable to A301. The contained images and UI screenshots are subject to the actual products.

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

Item	Presentation	Example
Cascading menus	>	Internet Settings > LAN Setup
Parameter and value	Bold	Set SSID to Tom .
Variable	Italic	Format: <i>XX:XX:XX:XX:XX:XX</i>
UI control	Bold	On the Quick Setup page, click the Save button.

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

Symbol	Meaning
 NOTE	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.
 TIP	This format is used to highlight a procedure that will save time or resources.

Acronyms and Abbreviations

Acronym or Abbreviation	Full Spelling
MAC	Medium Access Control
SN	Serial Number
RST	Reset
SSID	Service Set Identifier
UI	User Interface
WPA-PSK	WiFi Protected Access-Pre-shared Key
WPS	WiFi Protected Setup

Technical Support

If you need more help, contact us by any of the following means. We will be glad to assist you as soon as possible.



Hotline

Global: (86) 755-27657180 (China Time Zone)

United States: 1-800-570-5892 (Toll Free: 7 x 24 hours)

Hong Kong: 00852-81931998



Email

support@tenda.cn

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1

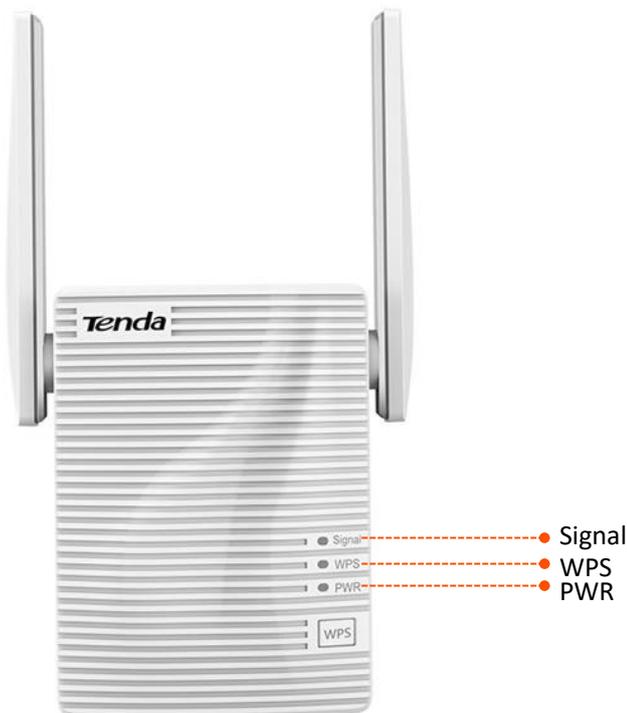
Get to know your device

1.1 Overview

Tenda A301 is a high-performance WiFi extender operating in the 2.4 GHz band. It helps provide a larger WiFi coverage. Meanwhile, it can work well with mainstream WiFi routers available on the market.

1.2 LED indicator, button, and label

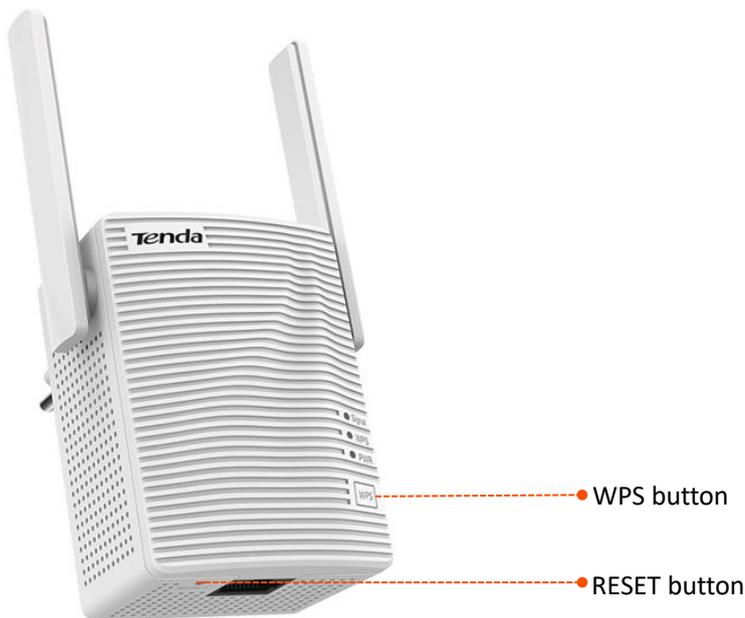
1.2.1 LED indicators



LED indicator	Status	Description
Signal	Solid blue	The extender has connected to your WiFi router, and its position is proper.
	Solid red	The extender is too far away from your WiFi router. Relocate the extender closer to the router.
	Off	The extender does not connect to your WiFi router.

LED indicator	Status	Description
WPS	Solid on for 2 mins > off	A WPS connection is established.
	Blinking	The extender is performing WPS negotiation.
	Off	The WPS function is disabled or no WPS connection is in progress.
PWR	Solid on	The extender is connected to a power source properly.
	Off	The extender is not powered on.

1.2.2 Buttons

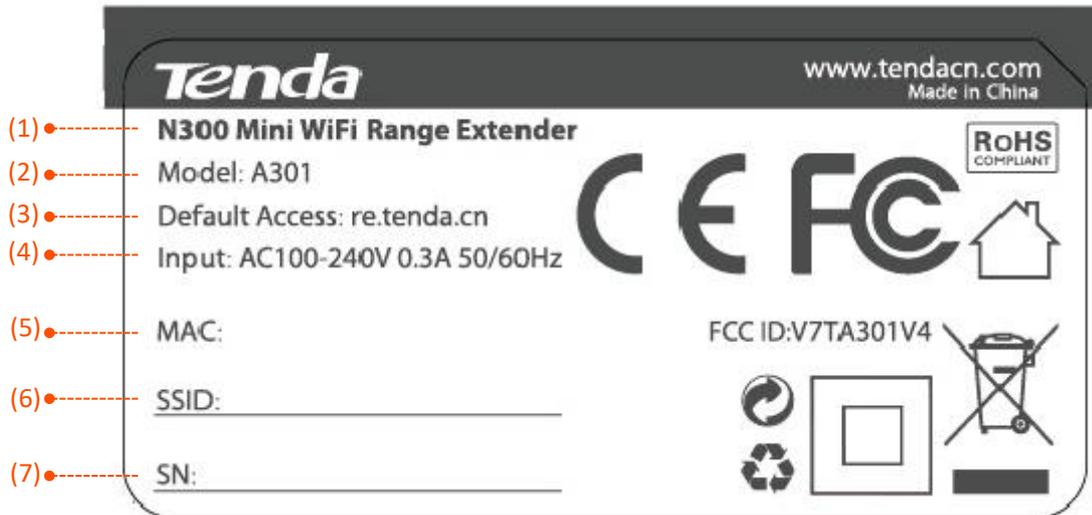


Button/Port	Description
WPS	Press the button of the router, and enable the WPS function of another device within 2 minutes to establish a WPS connection.
	When the PWR LED indicator of the extender is solid on, hold down this button using a needle, and release it when all the LED indicators blink once then turn off. When the PWR LED indicator turns solid on again, it is reset successfully.
	<p>LAN port.</p> <p>In repeater mode, this port allows a wired device, such as a desktop computer, to be connected to the repeater to access the internet.</p> <p>In AP mode, it is used to connect to your upstream device such as a wired router, enabling the repeater access the internet.</p>

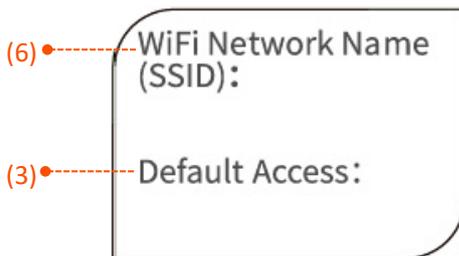
1.2.3 Labels

The labels present WiFi network name (SSID), login address and other information of the extender.

- **Label on the rear panel of the extender:**



- **Label on the top panel of the extender:**



- (1) Product name of the extender.
- (2) **Model:** Product model of the extender. You can use this model as a key word for searching related supporting materials across various channels, such as Tenda official website, or e-commerce websites.
- (3) **Default Access:** Default domain name for logging in to the web UI of the extender.
- (4) **Input:** Power specification of the extender.
- (5) **MAC:** MAC address of the extender. A MAC address refers to the unique physical address of the device.
- (6) **SSID:** Default wireless network name of the extender.
- (7) **SN:** The unique serial number of the extender.

2

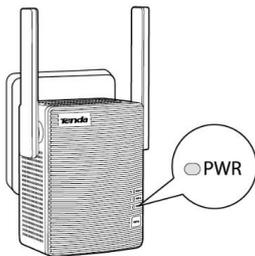
Quick Setup

2.1 Extend your existing WiFi network through the Web UI

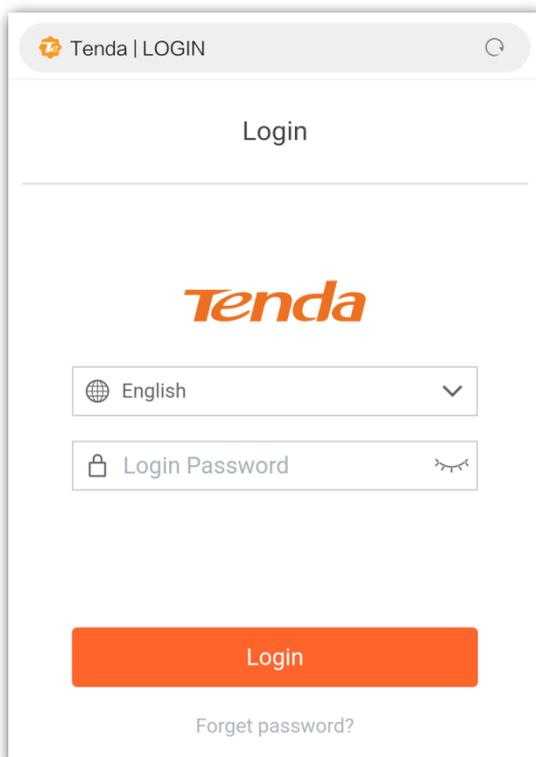
You can use a WiFi-enabled device, such as a smart phone, a laptop or a desktop computer installed with a wireless adapter, to configure the extender through the web UI.

When using a mobile device for setup, disable its mobile data or cellular network before configuration. A smart phone for setup is used for illustration here.

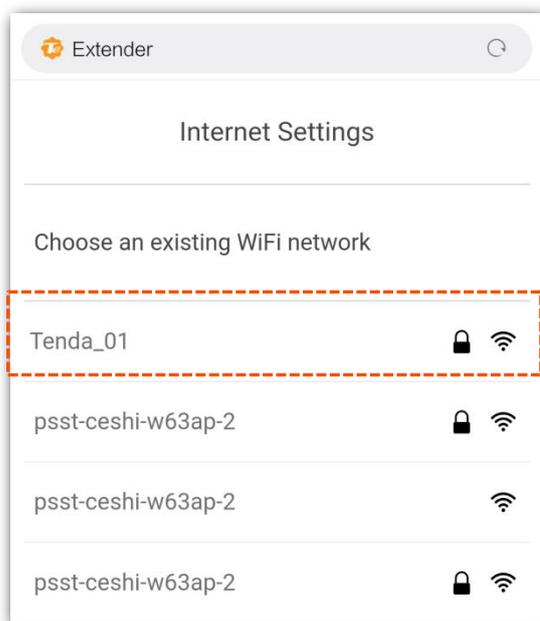
Step 1 Plug the extender into a power source near your wireless router in the same room. Wait until the PWR LED indicator of the extender lights solid on.



Step 2 Connect your smart phone to the open WiFi network named **Tenda_EXT** of the extender.



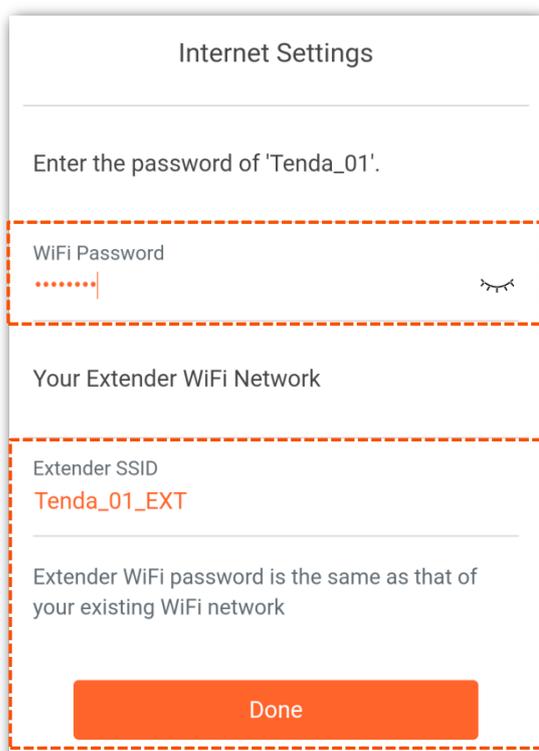
Step 3 After the smart plug is connected to the extender, the **Internet Settings** page pops up. Select the WiFi network you want to extend, which is **Tenda_01** in this example.



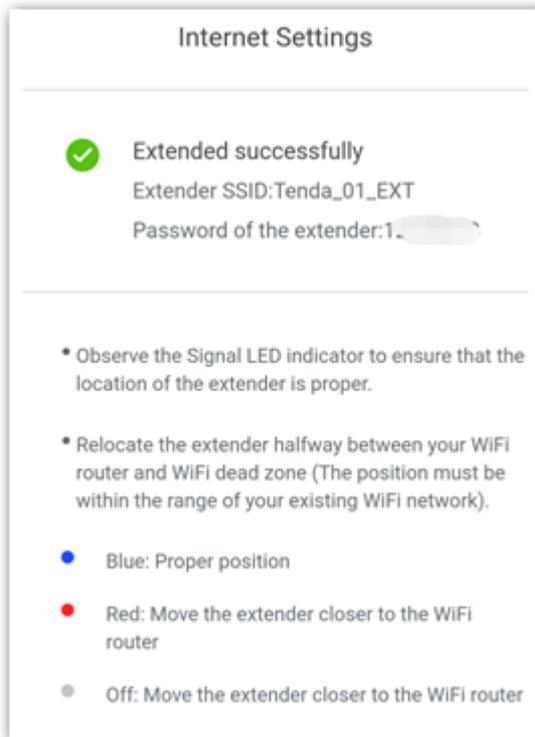
 **NOTE**

If the **Internet Settings** page does not pop up, check whether the smart phone has connected to the default WiFi network named **Tenda_EXT** of the extender. If not, start a web browser on the device, and visit **re.tenda.cn**.

Step 4 Enter the **WiFi Password** of the WiFi network you selected, modify the SSID of extender as needed, which is **Tenda_01_EXT** in this example, and tap **Done**.



Step 5 Wait until the Signal LED indicator lights solid blue. Then relocate the extender by following the on-screen tips for optimal connection quality.



For better performance:

- Place the extender within the range of your existing WiFi coverage.
- Place it at an open area without obstacles.
- Keep it away from electronics with strong interference, such as microwave ovens, Bluetooth-enabled devices, and refrigerators.
- Adjust the antennas upward and vertical to the ground.

---- End

Now, you can connect your WiFi-enabled devices to the WiFi network of the extender to access the internet with the information below:

- **SSID: Tenda_01_EXT**
- **WiFi password:** It is the same as that of your wireless router



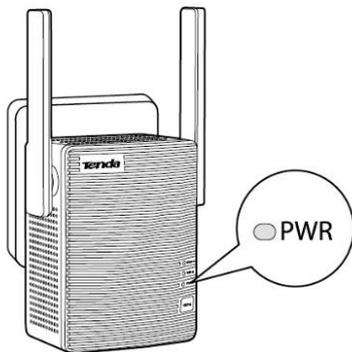
If you want to modify the SSID of extender and WiFi password, refer to [Modify the SSID and password of the extender](#) with a mobile WiFi-enabled device, or [Modify the SSID of extender and WiFi password](#) with a laptop or desktop computer installed with a wireless adapter.

2.2 Extend your existing WiFi network with the WPS button



You can use this method if your router has a WPS button, which may be indicated by , , or . Otherwise, use [Extend your existing WiFi network through the Web UI](#).

- Step 1** Plug the extender into a power source within 2 meters of your wireless router in the same room. Wait until the **PWR** LED indicator lights solid on.



- Step 2** Press the WPS button on the wireless router. Within 2 minutes, press the WPS button on the extender.
- Step 3** Wait until the **Signal** LED indicator on the extender lights solid blue. The extender extends your existing WiFi network successfully.



If the **PWR** LED indicator on the extender does not light solid blue, try [extend your existing WiFi network through the Web UI](#).

- Step 4** Plug the extender into a power source halfway between the wireless router and the WiFi dead zone.



The location you choose must be within the WiFi coverage of your existing wireless router.

Wait about 1 minute until the **Signal** LED indicator lights one of the following statuses:

- Solid blue: Proper position and good connection quality.
- Solid red: Move the extender closer to the WiFi router.
- Off: Move the extender closer to the WiFi router.



For better performance:

- Place the extender within the WiFi coverage of your existing router.
 - Place it at a spacious position without obstacles.
 - Keep it away from electronics with strong interference, such as microwave ovens, Bluetooth devices, and refrigerators.
 - Adjust the antennas upward and vertical to the ground.
-

---- End

Now, you can connect your WiFi-enabled devices to the extended WiFi network to access the internet using the information below:

- **SSID** of the extended network: Your existing WiFi network name.
 - **WiFi password** of the extended network: Same as your existing router.
-



If you want to modify the SSID of extender and WiFi password later, refer to [Modify the SSID and password of the extender](#) with a mobile WiFi-enabled device, or [Modify the SSID and password of the extender](#) with a laptop or desktop computer installed with a wireless adapter.

3

Use a mobile device to manage the extender

3.1 Log in to the extender



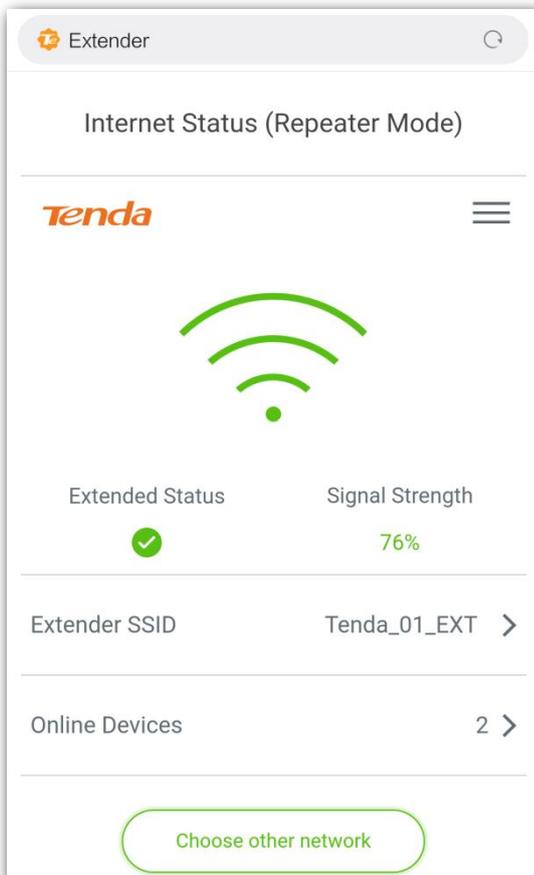
Disable the **Mobile Data** (or cellular network if any) of your smart phone first.

Step 1 Connect your smart phone to the WiFi network of the extender.

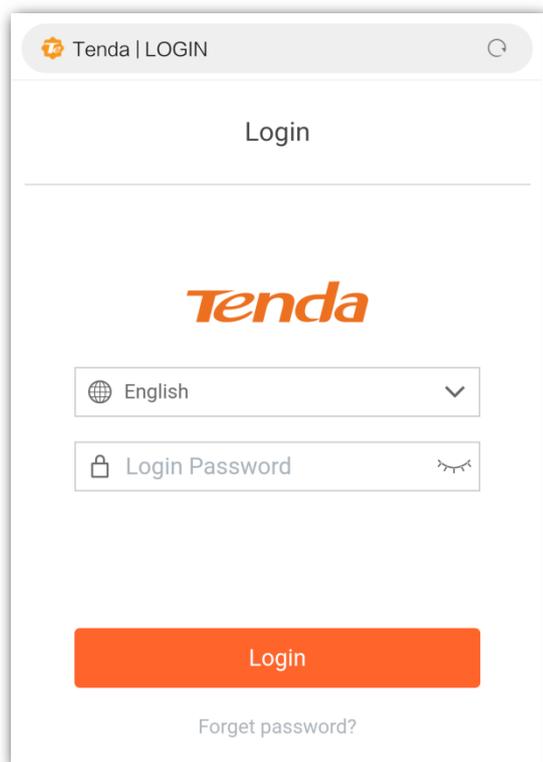
Step 2 Open a web browser on your smart phone, and access **re.tenda.cn**.

---- End

If you do not set a login password, you will be directed to the homepage of the extender. See the following figure:



If you have set up a login password, enter the **Login Password** you set on the **Login** page. Then you will be directed to the homepage of the extender.



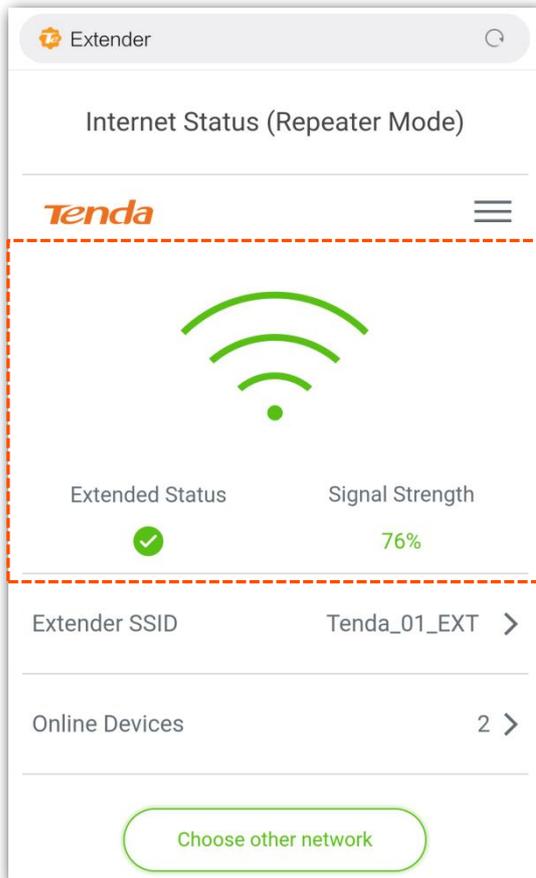
The image shows a browser window with the address bar displaying "Tenda | LOGIN". The page content includes the word "Login" at the top, followed by the Tenda logo in orange. Below the logo is a language selection dropdown menu currently set to "English". Underneath is a password input field labeled "Login Password" with a lock icon and a toggle for visibility. At the bottom, there is a prominent orange "Login" button and a link for "Forget password?".

3.2 Check the internet status

To enter the page, perform the following steps.

Step 1 Connect your smart phone to the WiFi network of the extender.

Step 2 Open a web browser on your smart phone, and access **re.tenda.cn**. The homepage of the extender pops up. See the following figure.



---- End

You can check the extended status and signal strength on this page.

Extended status

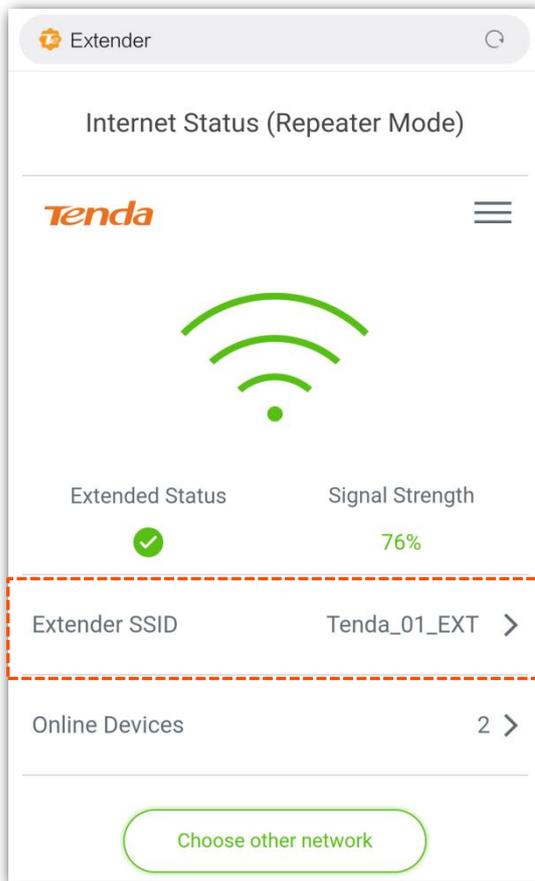
🟢 : Extended. 🚫 : Fail to extend.

Signal strength

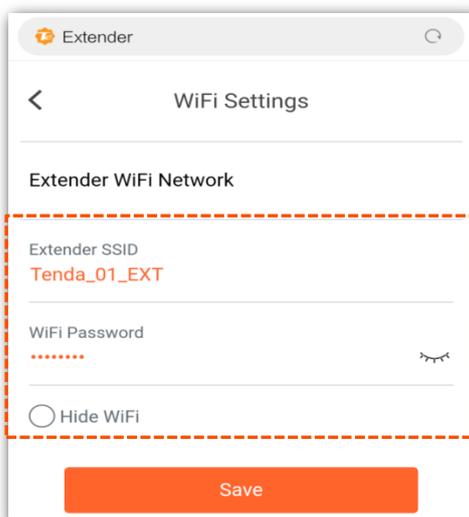
Signal strength	LED indicator color	Description
0%	Off	Fail to extend.
1% to 37%	Red	Extended, but the extender is a little far away from your router. You can try relocating it closer to the router to get better connection quality.
38% to 100%	Blue	Extended, and the connection quality is good. You can move the extender a little far away from your existing router to get wider WiFi coverage.

3.3 Modify the SSID and password of the extender

- Step 1** Connect your smart phone to the WiFi network of the extender.
- Step 2** Open a web browser on your smart phone, and access **re.tenda.cn**. The homepage of the extender pops up.
- Step 3** Tap the **Extender SSID** field. The **WiFi Settings** page pops up.



- Step 4** On the **WiFi Settings** page, modify the **Extender SSID** and **WiFi Password** as required. Then, click **Save** to apply the settings.



---- End

After the configurations are saved, you need to reconnect your WiFi-enabled devices to the extender using the SSID and WiFi password you set here.

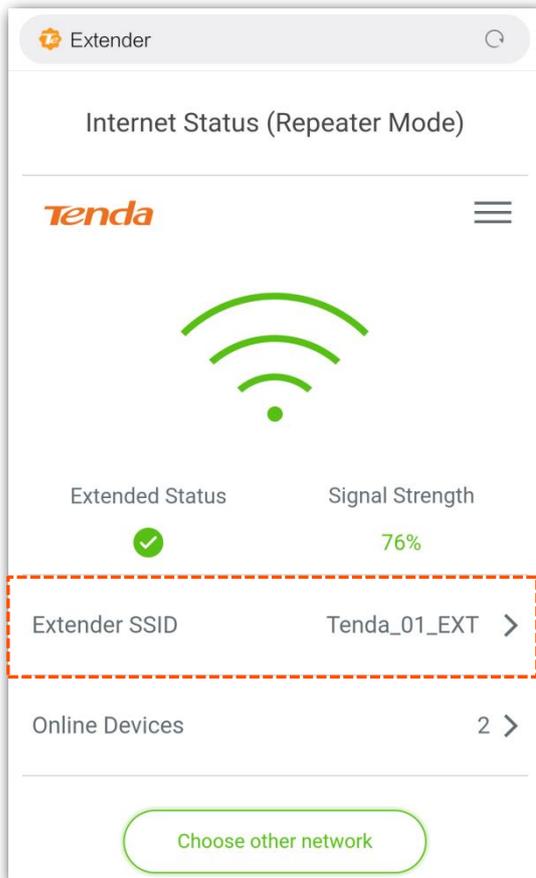
3.4 Hide the WiFi network of the extender

The extender supports to hide its WiFi network so that wireless devices cannot scan it, thus improving the security of the WiFi network of the extender.

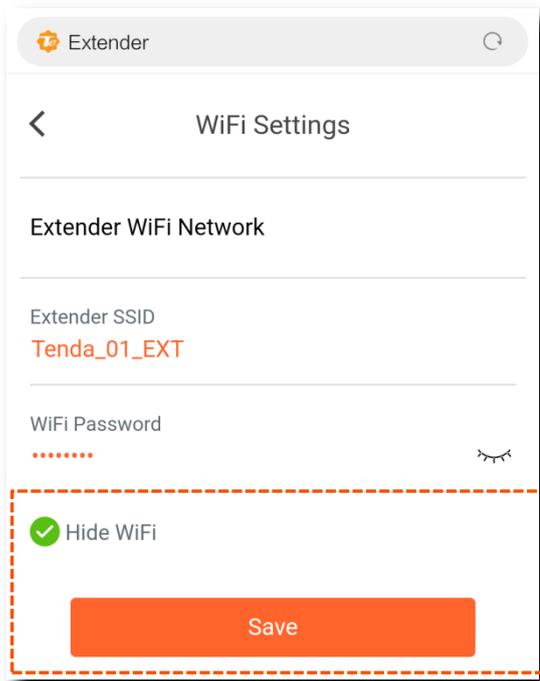
Step 1 Connect your smart phone to the of the WiFi network of the extender.

Step 2 Open a web browser on your smart phone, and access **re.tenda.cn**. The homepage of the extender pops up.

Step 3 Tap the **Extender SSID** field. The **WiFi Settings** page pops up.



Step 4 On the **WiFi Settings** page, tick **Hide** (or **Hide WiFi**, depending on your actual software version), and tap **Save** to apply your settings.



---- End

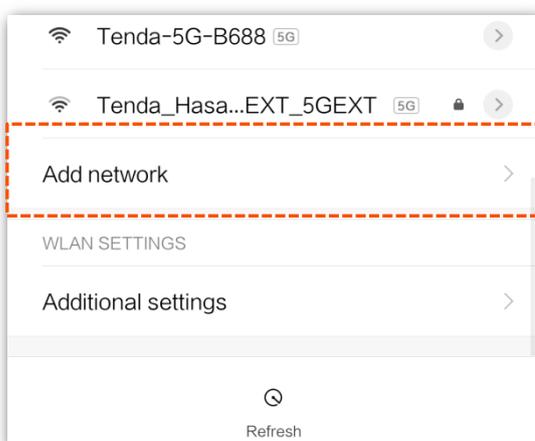
After the configurations are saved, the extender cuts the connections of clients.

To connect to the WiFi network of the extender again, you need to manually enter its SSID and WiFi password on your wireless devices.

■ **Scenario 1: Connect mobile devices to a hidden WiFi network (Example: Android OS)**

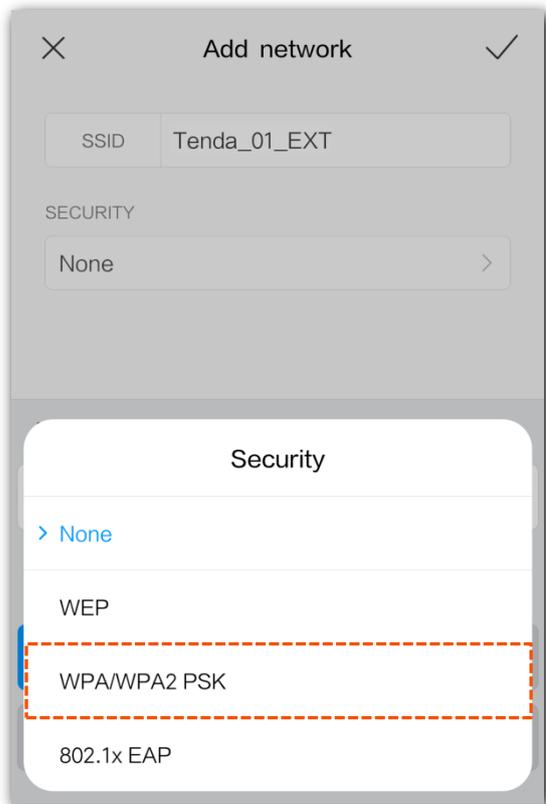
Step 1 Tap **Settings > WLAN** on the smart phone.

Step 2 Scroll down to the bottom, locate the **Add network** and tap it.

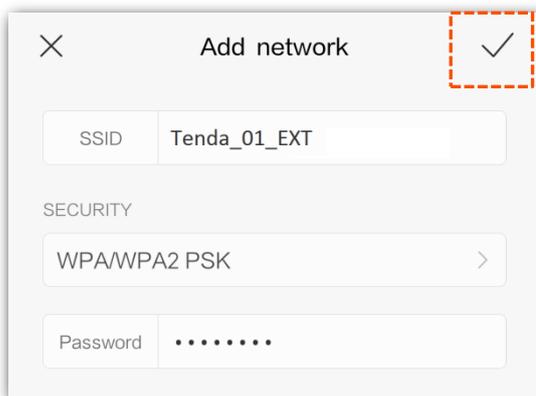


Step 3 On the **Add network** page:

1. Enter the SSID of extender, which is **Tenda_01_EXT** in this example.
2. Select the security mode of the WiFi network, which is **WPA/WPA2 PSK** in this example.



3. Enter the WiFi password of extender, and tap ✓.



4. Repeat the above steps to connect other wireless devices to the WiFi network of the extender.

---- End

Wait a moment. Your wireless devices are connected to the WiFi network of the extender successfully.

■ **Scenario 2: Connect a laptop or a desktop computer installed with a wireless adapter to a hidden WiFi network (Example: Windows 7 OS)**

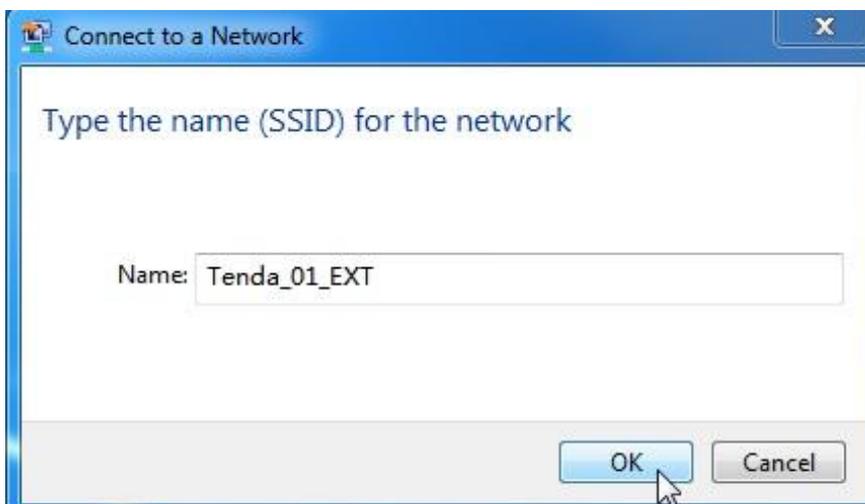
Step 1 Click the WiFi icon  on the lower right corner.

Step 2 Scroll down to the bottom of the SSID list, and click **Other Network**.

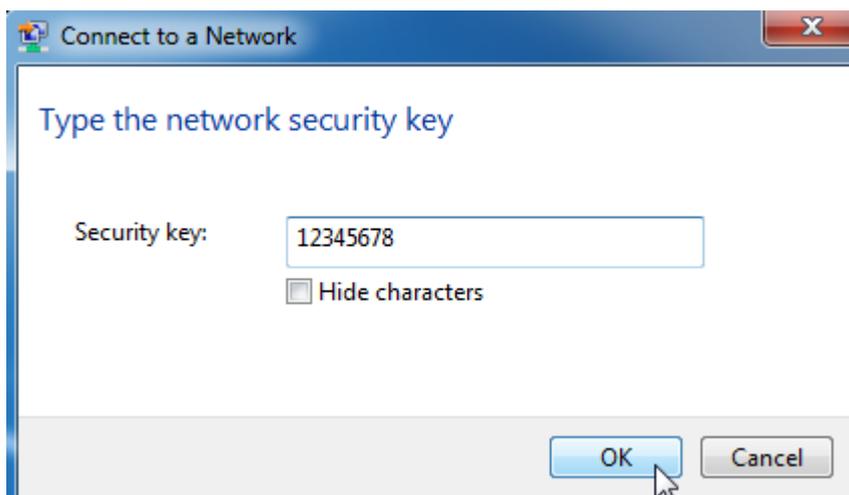


There are two **Other Networks**. The one indicated with  is an open network.

Step 3 Enter the SSID of extender, which is **Tenda_01_EXT** in this example, and click **OK**.



Step 4 Enter the WiFi password of extender, which is **12345678** in this example, and click **OK**.



---- End

Wait a moment. The computer is connected to the extender successfully.

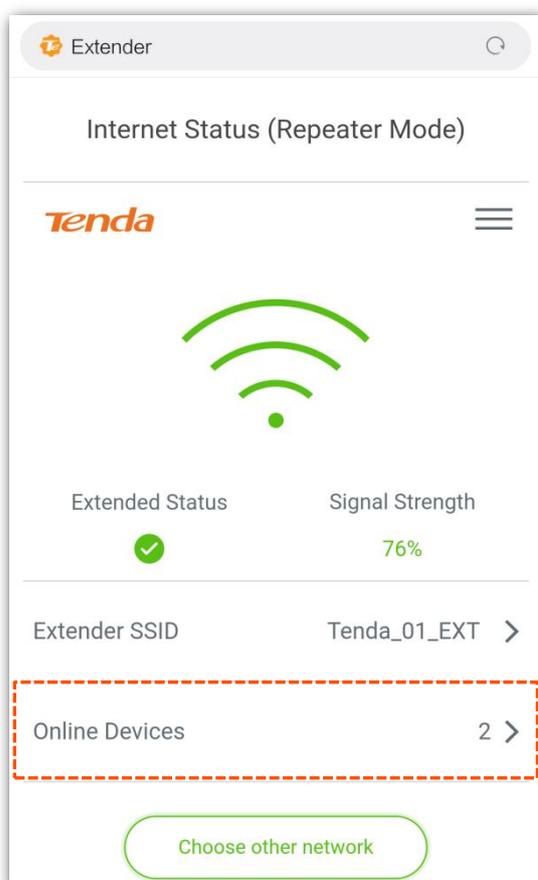


3.5 Manage online devices

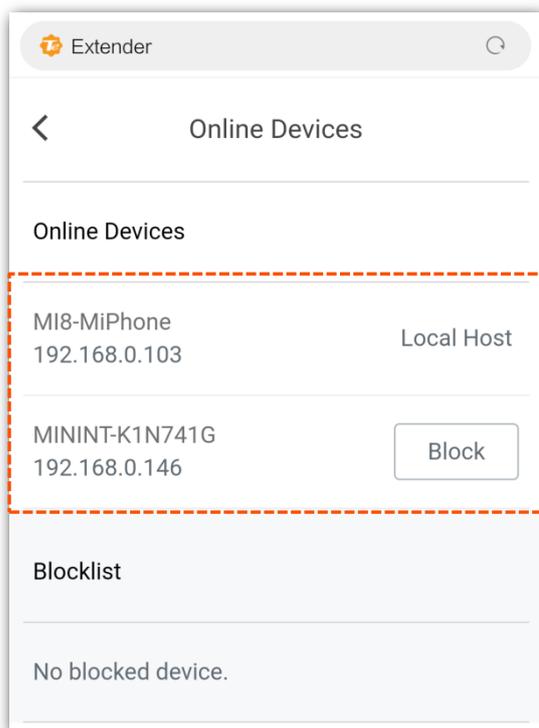
In this section, you can view how many clients connected to the extender and their IP addresses, as well as block/unblock devices.

3.5.1 Check online devices

- Step 1** Connect your smart phone to the WiFi network of the extender.
- Step 2** Open a web browser on your smart phone, and access **re.tenda.cn**. The homepage of the extender pops up.
- Step 3** Locate **Online Devices**. The digit on the right indicates the number of online devices.



Step 4 Tap **Online Devices** filed to enter the detailed page.



---- End

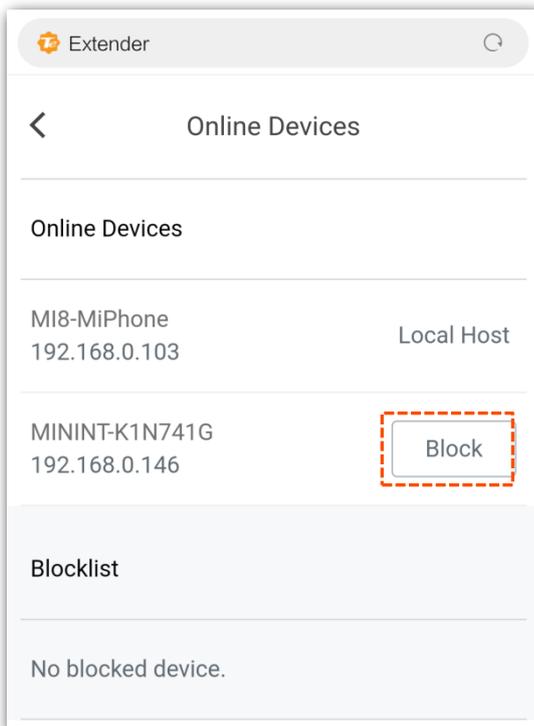
From the list, you can view the client name and its IP address.

3.5.2 Block online devices

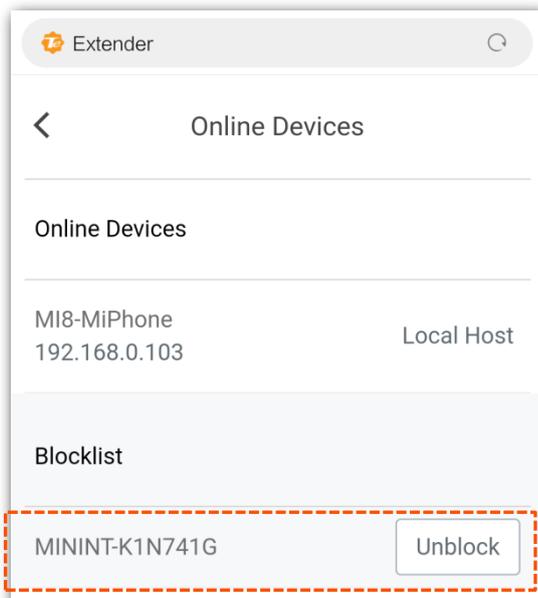
Tap **Online Devices** on the homepage of the Web UI of the extender to enter the detailed page. Locate the device you want to block, and click **Block**.



The button used for blocking device(s) may be indicated by text **Block**. It depends on your actual software version.



The blocked device is removed to the **Blocklist** section.



3.5.3 Unblock devices

Tap **Online Devices** on the homepage of the Web UI of the extender to enter the detailed page. Locate the device you want to unblock, and click **Unblock**.

Unblocked devices can connect to the extender again.

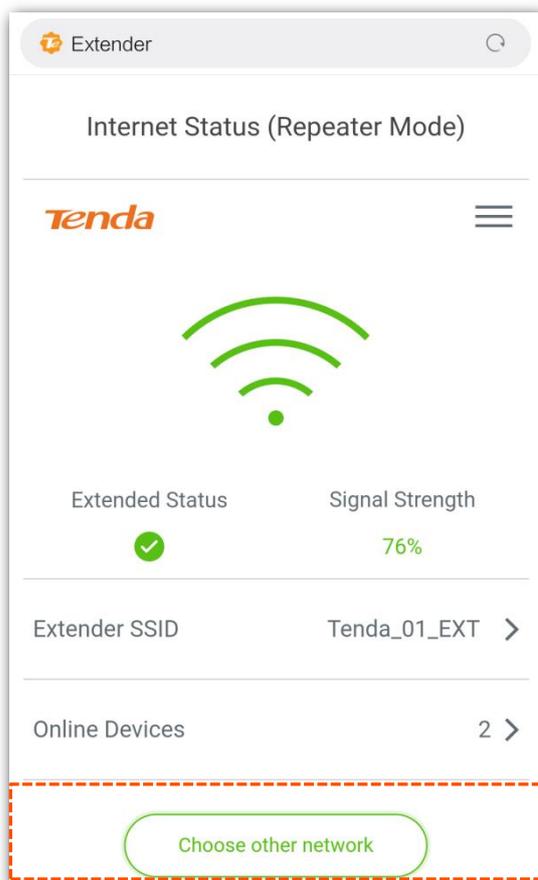
3.6 Extend another WiFi network

If you want to use the extender to extend another WiFi network, or the SSID and/or WiFi password of your existing router is modified, you need to extend the WiFi network of the router again.

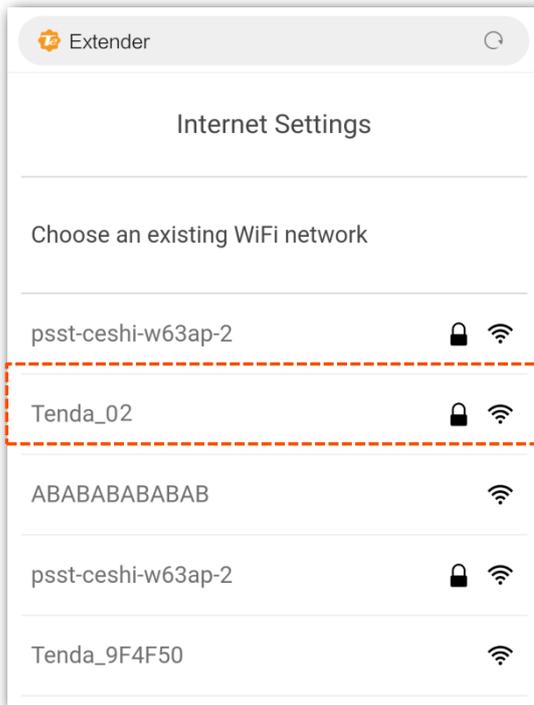
Step 1 Connect your smart phone to the WiFi network of the extender.

Step 2 Open a web browser on your smart phone, and access **re.tenda.cn**. The homepage of the extender pops up.

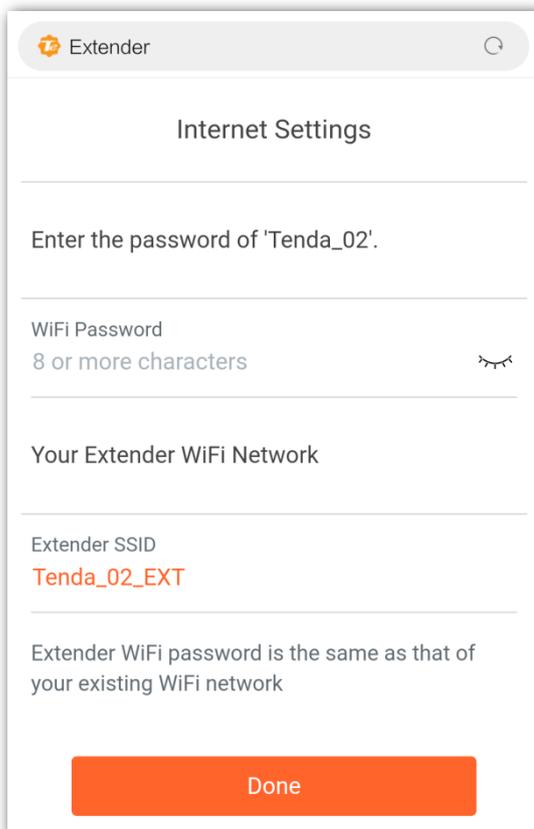
Step 3 On The homepage of the extender, tap **Choose other network**.



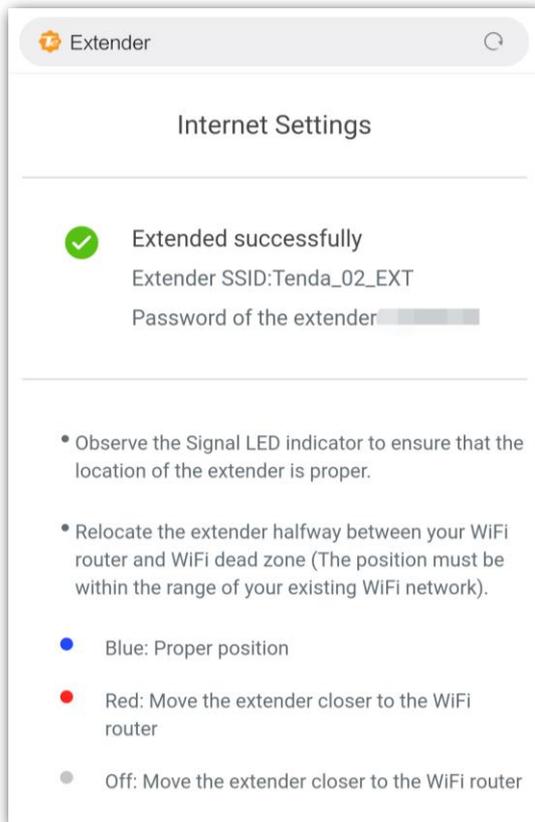
Step 4 Choose the WiFi network you want to extend, which is **Tenda_02** in this example.



Step 5 Enter the **WiFi Password** of the WiFi network you selected, modify the SSID of extender as needed, which is **Tenda_02_extender** in this example, and tap **Done**.



Step 6 Wait until the **Singal** LED indicator lights solid blue or red. Then, relocate the extender by following the on-screen tips for optimal connection quality.



For better performance:

- Place the extender within the range of your existing WiFi network.
- Place it at a spacious position without obstacles.
- Keep it away from electronics with strong interference, such as microwave ovens, Bluetooth devices, and refrigerators.
- Adjust the antennas upward and vertical to the ground.

---- End

After the extending succeeds, you need to reconnect your wireless devices to the wireless network of the extender for internet access.

3.7 Change the operating mode

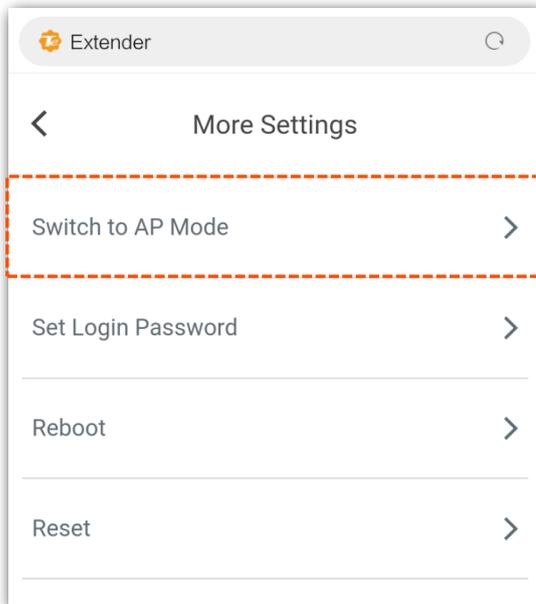
This extender can operate in the following two modes:

- **Repeater Mode:** This mode is used to extend WiFi coverage of your existing WiFi network. By default, the repeater works in this mode.
- **AP Mode:** This mode is used to convert a wired network to a WiFi network.

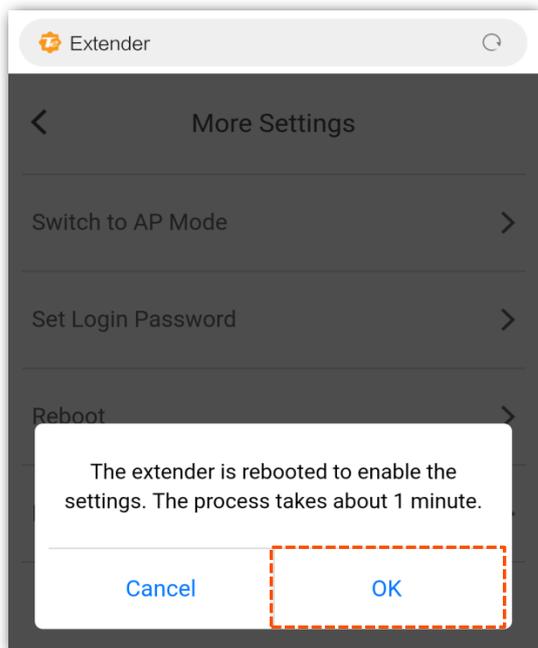
3.7.1 Switch the extender from the repeater mode to the AP mode

Step 1 On the homepage of the extender, tap the navigation menu ☰ on the upper right corner.

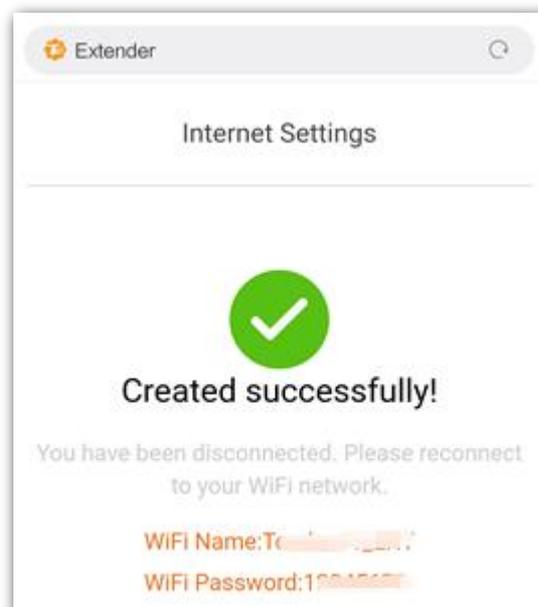
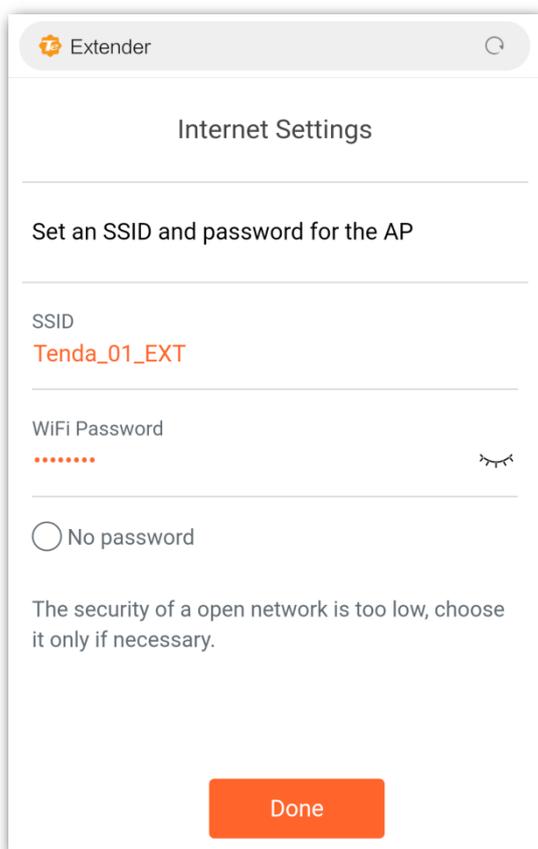
Step 2 Tap **Switch to AP Mode**.



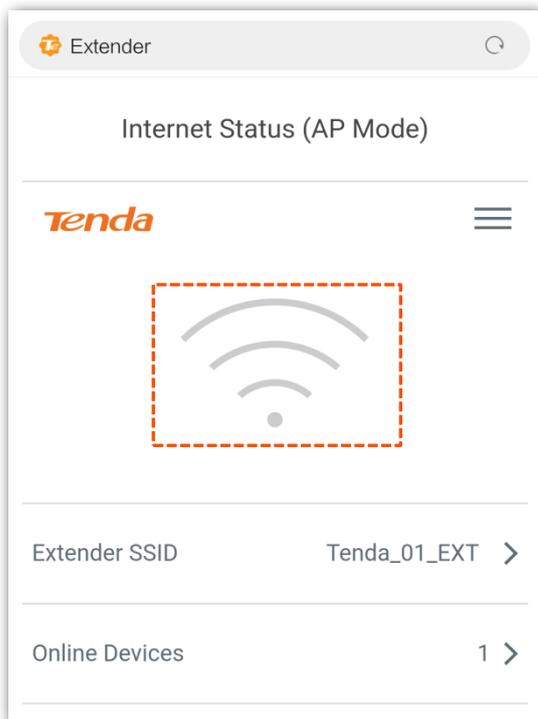
Step 3 Tap **OK** to continue. Wait until the extender completes rebooting.



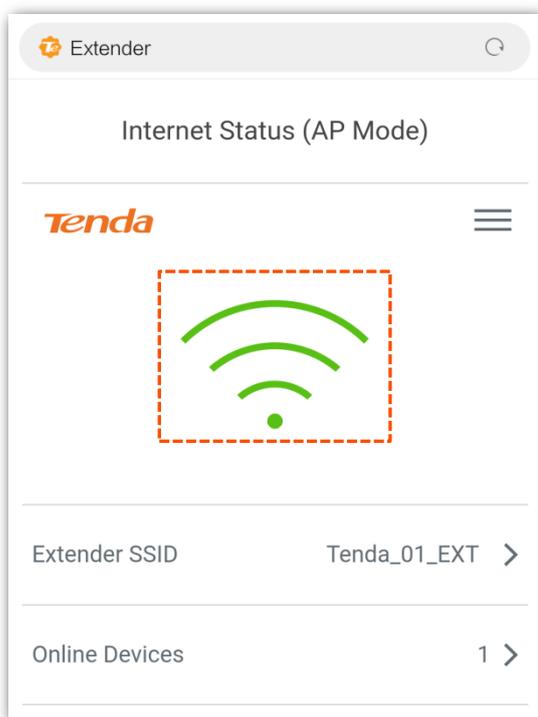
Step 4 Modify the **SSID and WiFi Password** as needed and click **Done**.



Step 5 Reconnect to the SSID of the extender, and visit re.tenda.cn. The following figure pops up.



Step 6 Use an Ethernet cable to connect the LAN port of your repeater to a LAN port of your existing router. The following page pops up.



---End

Now, the extender works in AP mode. You can access the internet on your wireless devices by connecting the SSID of the extender.

3.7.2 Switch the extender from the AP mode to the repeater mode

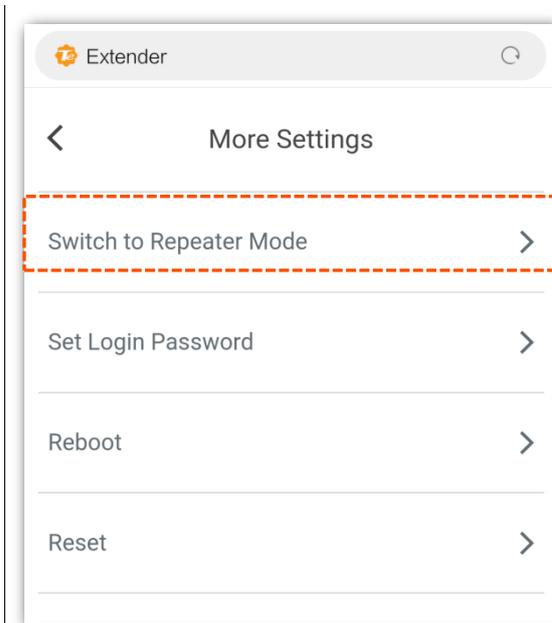


Configurations (except SSID and WiFi password you set) will be cleared after you switch the extender from AP mode to Repeater mode.

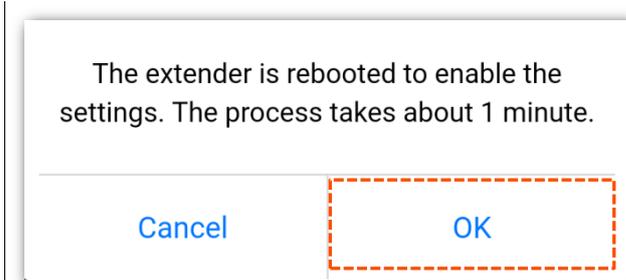
Configuration procedure:

Step 1 On the homepage of the extender, tap the navigation menu  on the upper right corner.

Step 2 Tap **Switch to Repeater Mode**.



Step 3 Click **OK** on the page.



Step 4 Wait until the progress bar is complete. Then reconfigure it to [extend your existing WiFi network](#).

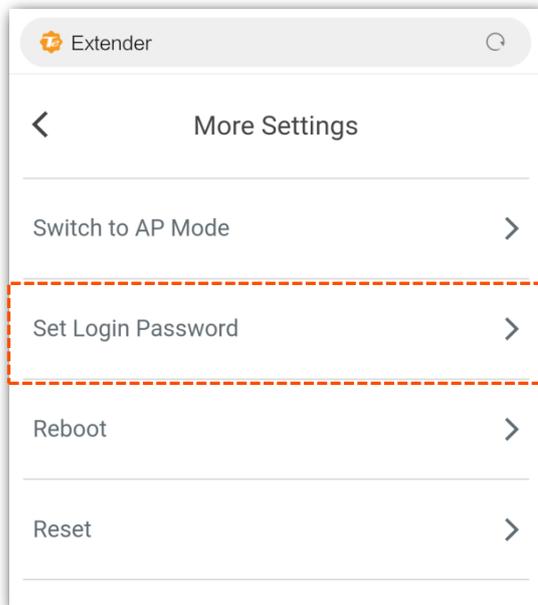
---End

After you set the extender to the repeater mode, remove the Ethernet cable between the extender and your existing router.

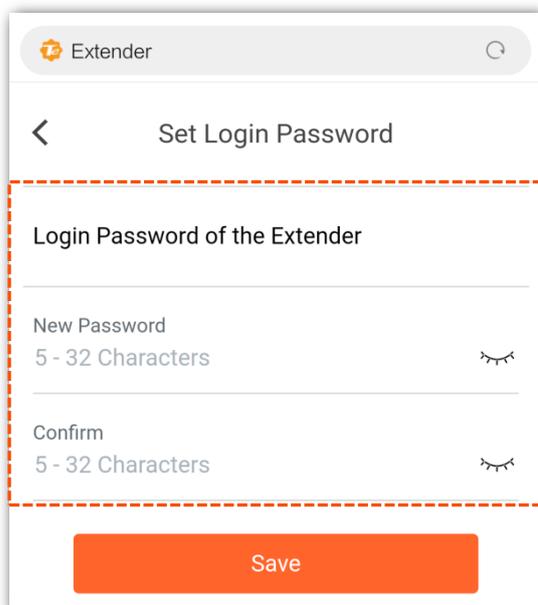
3.8 Set up a login password

Step 1 On the homepage of the extender, tap the navigation menu  on the upper right corner.

Step 2 Tap **Set Login Password**.



Step 3 Enter a login password in the **New Password** field and enter it again the **Confirm** field, and tap **Save** to apply your settings.



---- End

After the configurations are saved, you will be redirected to the login page. Enter the **Login Password** you set for login.

Tenda | LOGIN

Login

Tenda

English

Login Password

Login

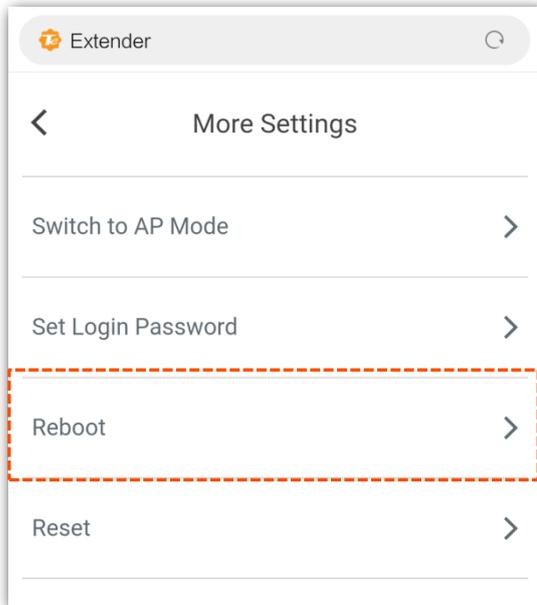
[Forget password?](#)

3.9 Reboot the extender

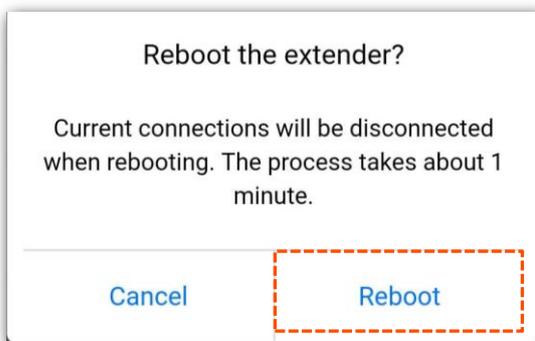
If a setting fails to take effect or the router fails to work properly, you can try rebooting the router.

Step 1 On the homepage of the extender, tap the navigation menu  on the upper right corner.

Step 2 Tap **Reboot**.



Step 3 Tap **Reboot** to continue.



---- End

Wait until the extender completes rebooting.

3.10 Reset the extender

If you are uncertain about why the internet is inaccessible through the extender or you forget the login password of the extender, you can reset the router.

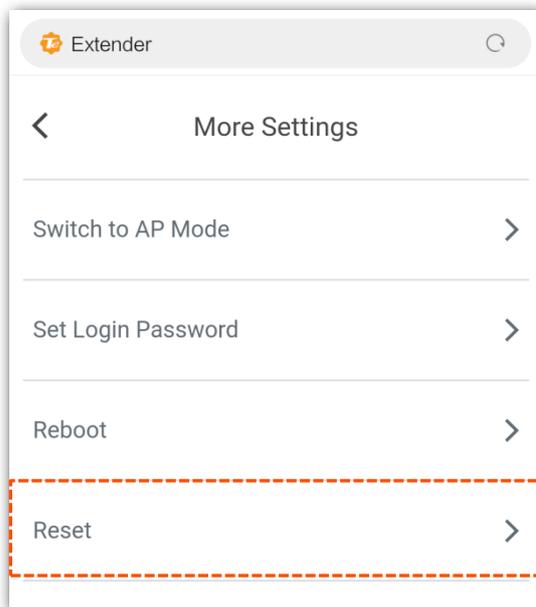


Resetting the extender clears all current configurations. You need to configure the extender again.

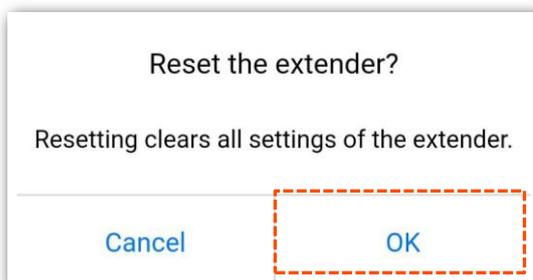
3.10.1 Reset the extender through the Web UI

Step 1 On the homepage of the extender, tap the navigation menu  on the upper right corner.

Step 2 Tap **Reset**.



Step 3 Tap **OK** to continue.



---- End

Wait until the extender complete resetting. Then reconfigure it.

3.10.2 Reset the extender with the RESET button

With the PWR LED indicator of the extender solid on, hold the RESET button down with a pin. Then release it when all the LED indicators blink once then turn off. When the PWR LED indicator turns to solid on again, the extend is restored to factory settings successfully.

4

Use a laptop or computer to manage the extender

The following introduces how to manage the extender with a laptop or a desktop computer installed with a wireless adapter. This guide uses “computer” to indicate both laptop and desktop computer installed with a wireless adapter.

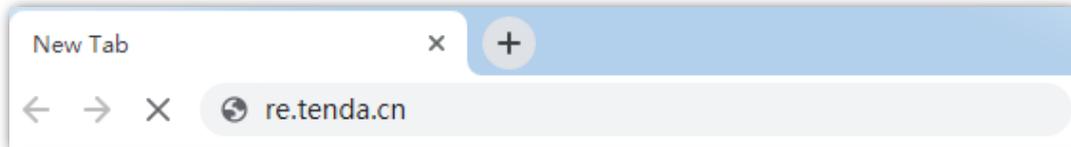
4.1 Log in to the extender



Ensure that your computer is set to [Obtain an IP address automatically](#).

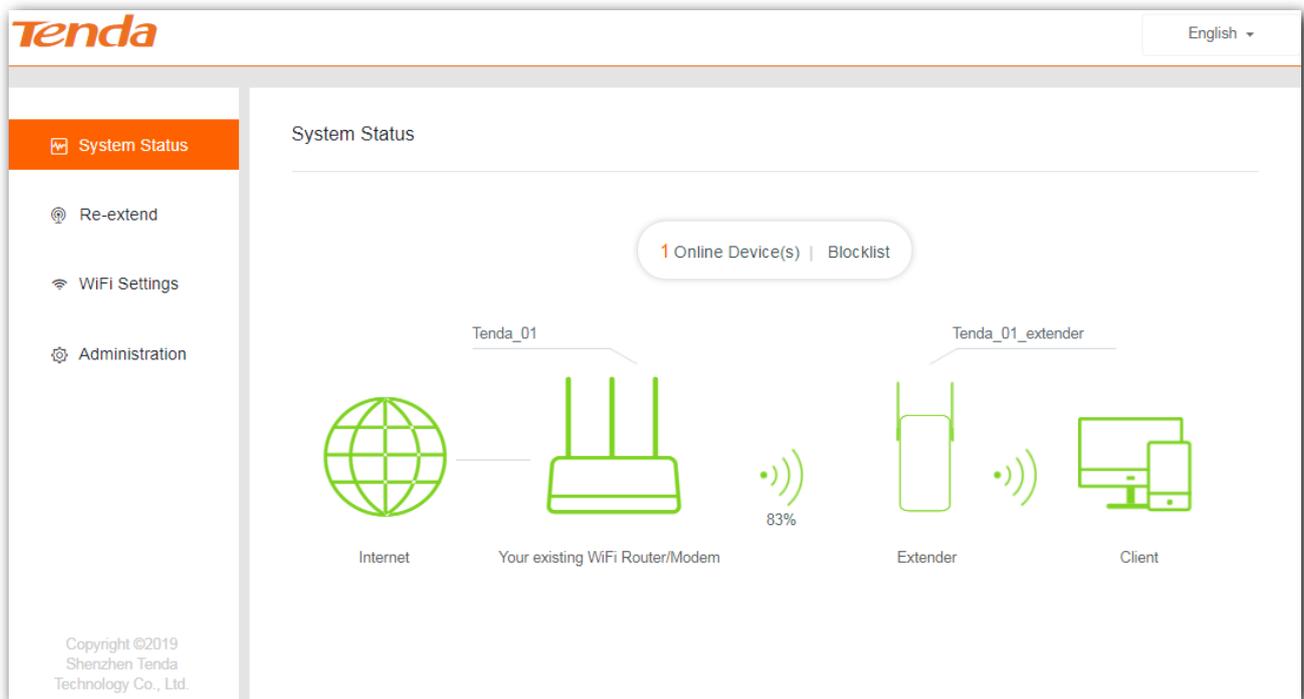
Step 1 Connect your computer to the WiFi network of the extender.

Step 2 Start a web browser on your computer, enter **re.tenda.cn** in the address bar, and press **Enter** (for Windows) or **Return** (for Mac OS) on the keyboard.

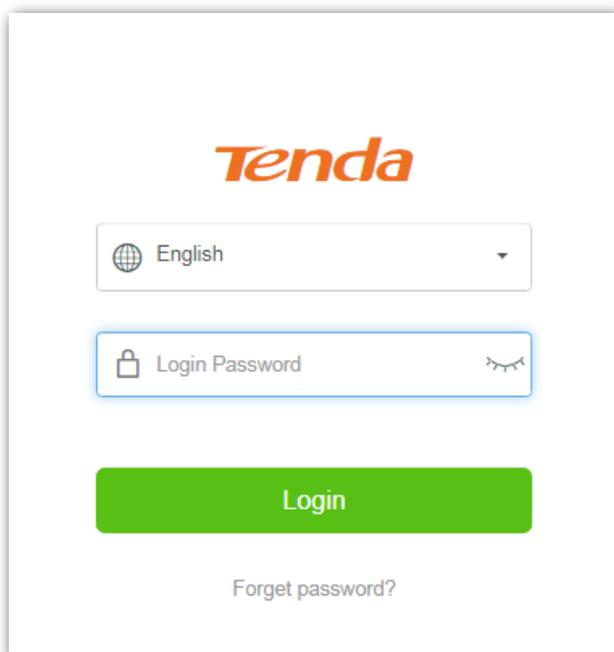


---- End

If you do not set a **Login Password**, you will be directed to the homepage of the extender. See the following figure:

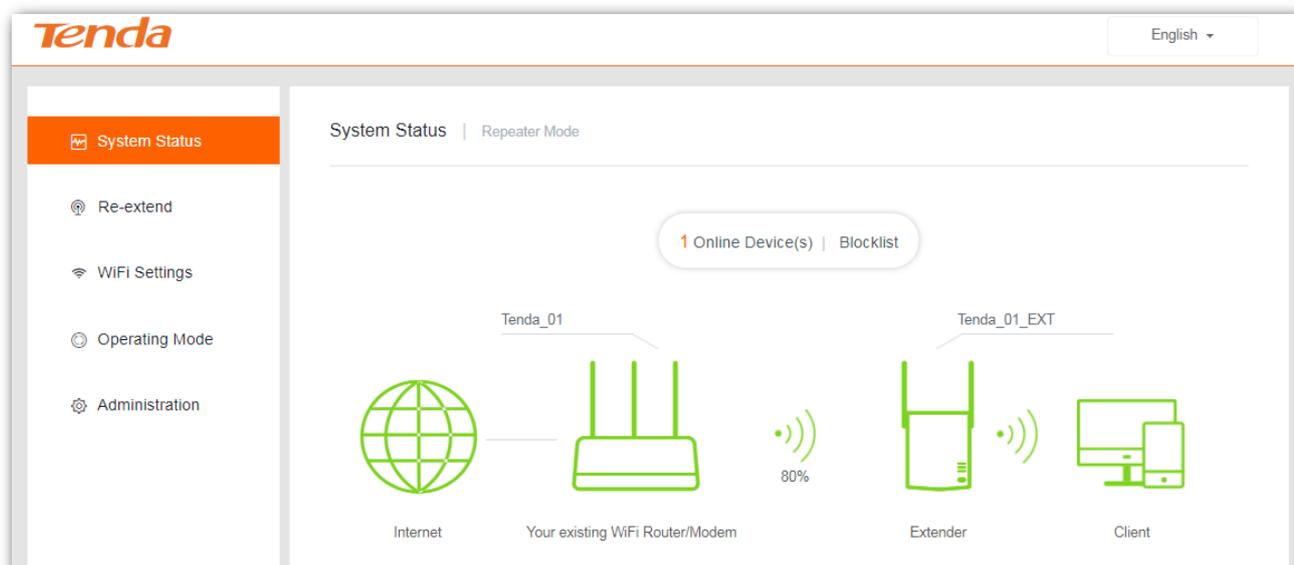


If you have set up a **Login Password**, enter the **Login Password** you set, and click **Login**. Then you will be directed to the homepage of the extender.



4.2 Check the internet status

On the homepage of the Web UI of the extender, you can view the internet status of the extender. See the following figure.



Extended status

Status	Description
	Extended successfully.
	Fail to extend.

Signal strength

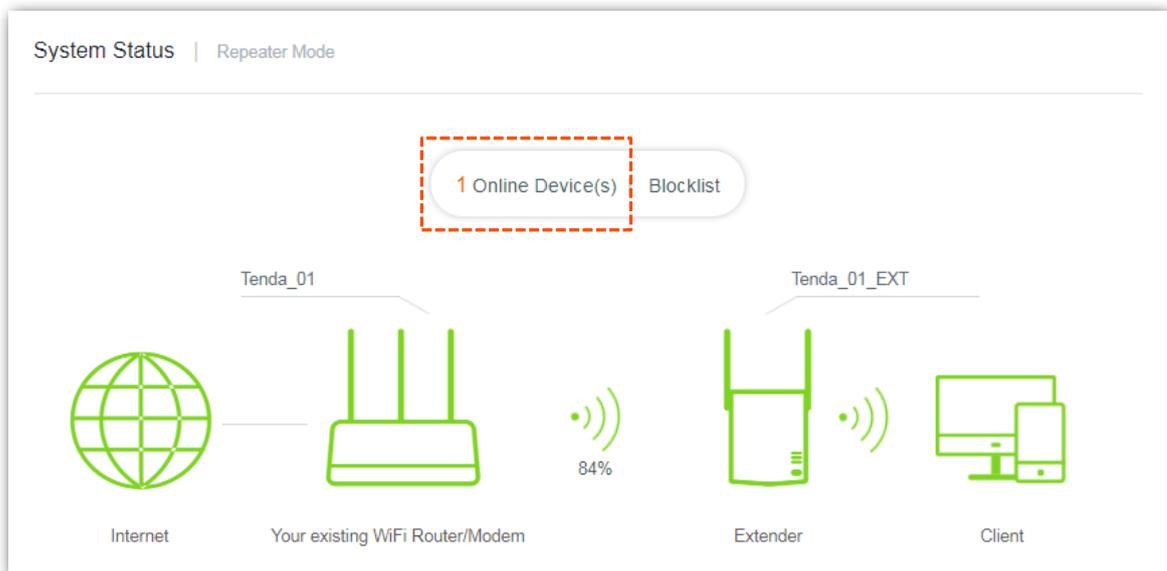
Signal strength	LED indicator color	Description
0%	Off	Extend failure.
1% to 37%	Red	Extended, but the extender is a little far away from your router. You can try relocating it closer to the router to get better connection quality.
38% to 100%	Blue	Extended, and the connection quality is good. You can move the extender a little far away from your existing router to get wider WiFi coverage.

4.3 Manage online devices

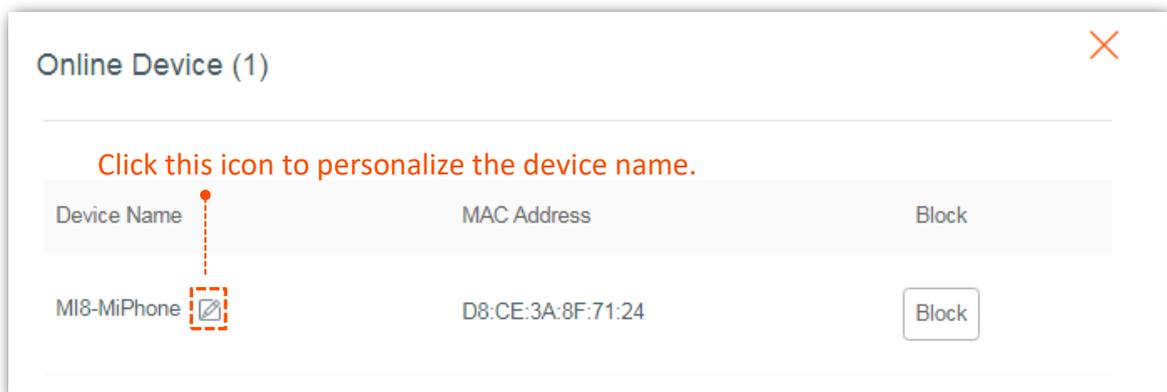
4.3.1 Check online devices

Step 1 To enter the page, choose **System Status**.

Step 2 Click **X Online Device(s)**. X indicates the number of current online devices.



Step 3 The **Online Device (X)** window appears. X indicates the number of current online devices.



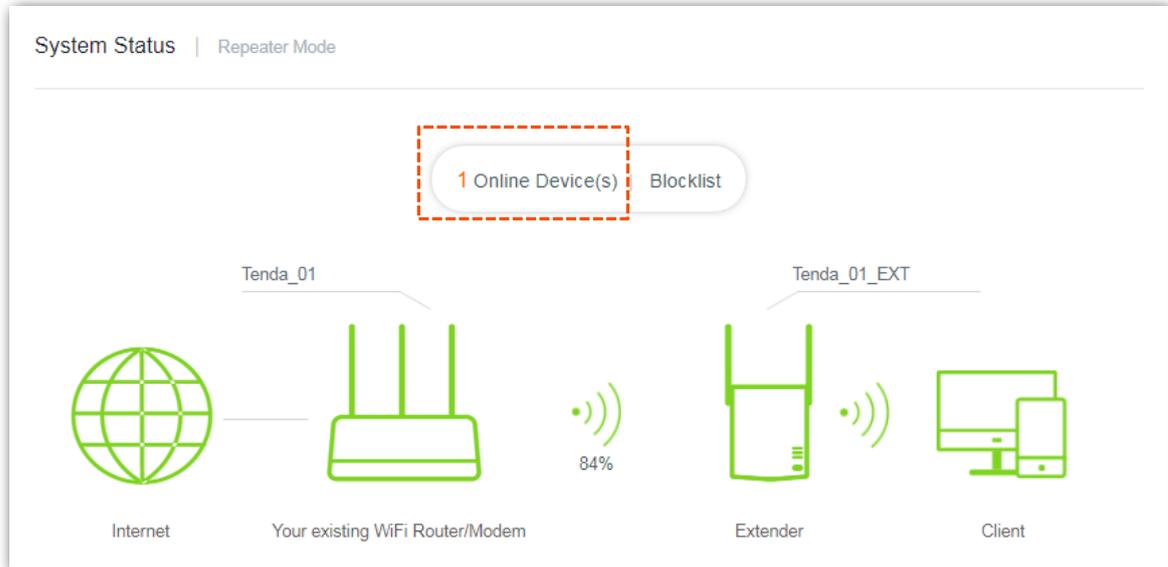
---- End

From the **Online Device** list, you can check and/or edit the devices names, and view their MAC addresses.

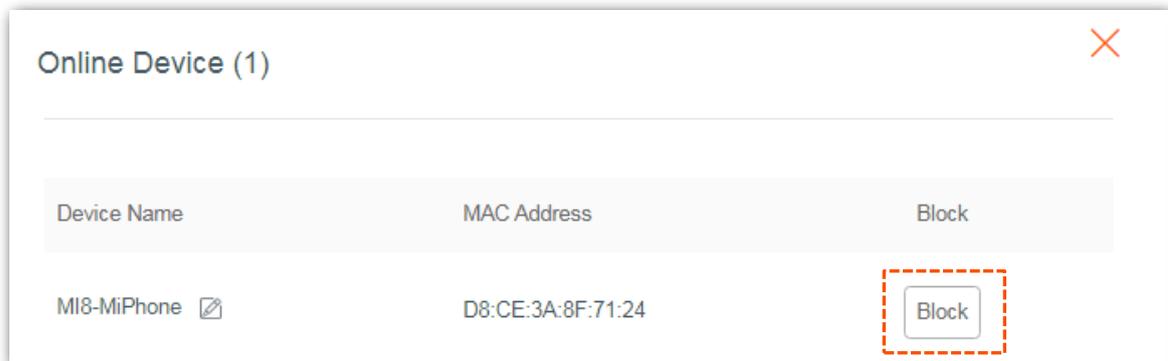
4.3.2 Block online devices

Step 1 In this section, you are allowed to view on-line device(s) and block unknown device(s). To enter the configuration page, choose **System Status**.

Step 2 Click **X Online Device(s)**. X indicates the number of current online devices.

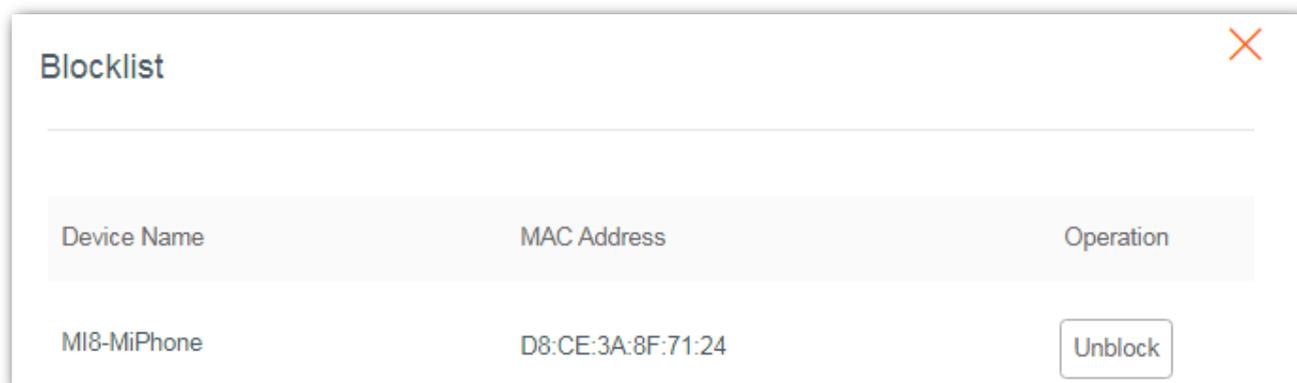


Step 3 On the **Online Device** window that pops up, locate the device you want to block, and click **Block**.



---- End

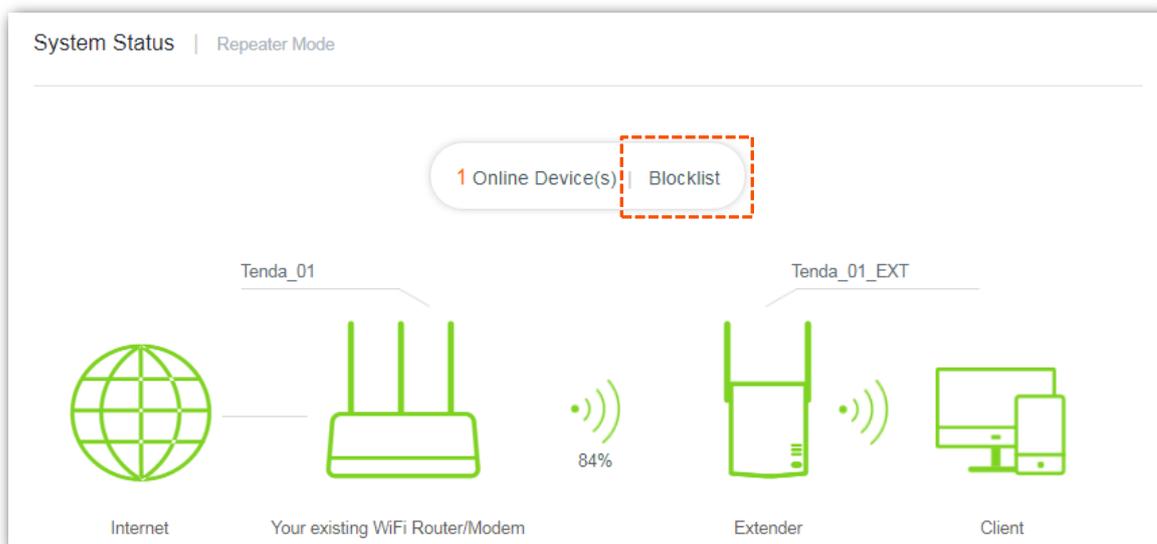
Blocked devices cannot connect to the extender. To view the blocked device, click **Blocklist** on the **System Status** page. Then the **Blocklist** window pops up.



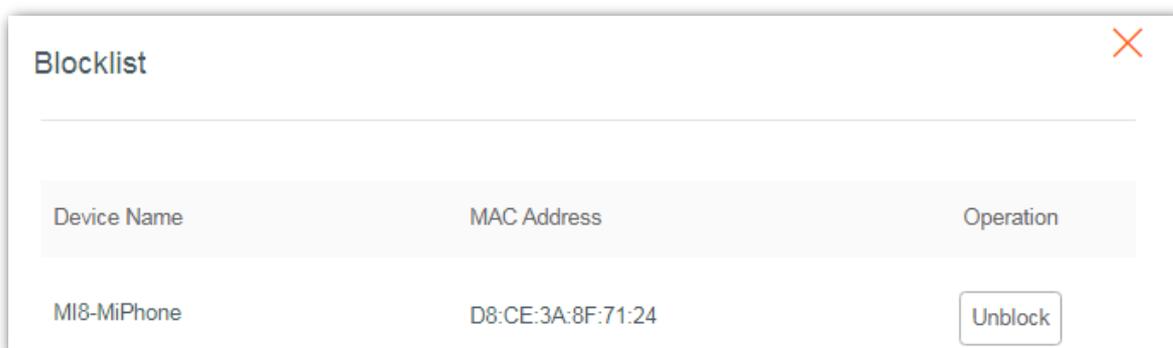
4.3.3 Unblock devices

Step 1 To enter the configuration page, choose **System Status**.

Step 2 Click **Blocklist**.



Step 3 In the **Blocklist** window that pops up, locate the device you want to unblock, and click **Unblock** on the right.



---- End

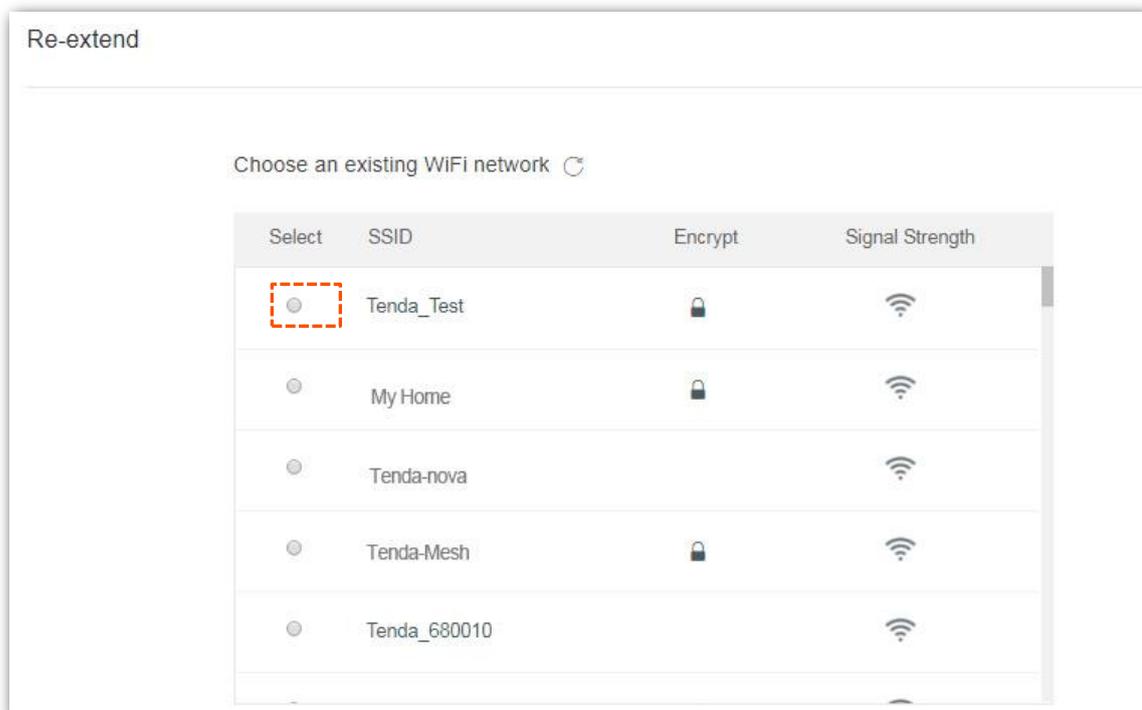
Unblocked devices can connect to your extender again.

4.4 Extend another WiFi network

If you want to use the extender at another place, or if the wireless information (including SSID and/or WiFi password) of your existing router is modified, you need to re-configure your extender.

Step 1 To enter the configuration page, choose **Re-extend**.

Step 2 Select the WiFi network you want to re-extend, which is **Tenda_Test** in this example.



Step 3 Enter the WiFi password of the WiFi network you selected, modify the SSID of extender as needed, which is **Tenda_Test_extender** in this example, and click **Next**.

Re-extend

Your existing WiFi Network
Enter the password for "Tenda_Test"

*

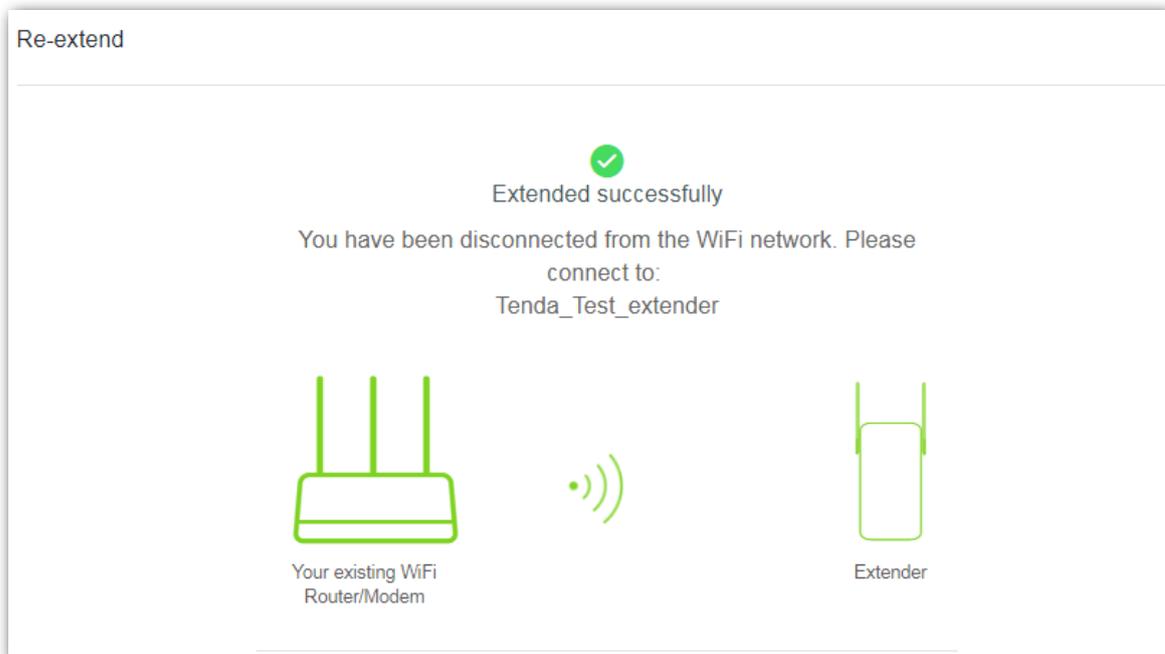
Your Extender WiFi Network
Extender SSID:

*

Extender WiFi password is the same as that of your existing WiFi network

Back Next

Step 4 Wait until the **Extended successfully** page pops up. The LED indicator on the extender may light solid blue or red.



Step 5 Relocate the extender guided by the LED indicator colors.

- Solid blue: Proper position and good connection quality.
- Solid red: Move the extender closer to the WiFi router.



For better performance:

- Place the extender within the range of your existing WiFi network.
 - Place it at a spacious position without obstacles.
 - Keep it away from electronics with strong interference, such as microwave ovens, Bluetooth devices, and refrigerators.
 - Adjust the antennas upward and vertical to the ground.
-

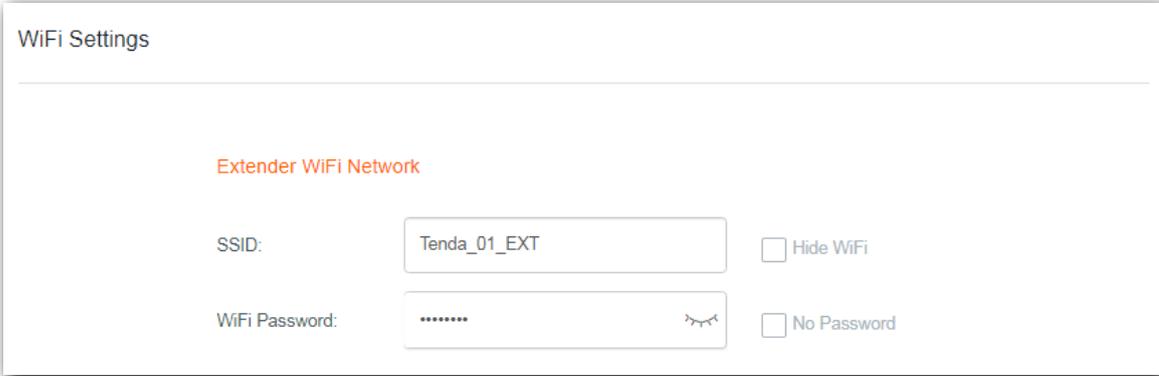
---- End

After the extending succeeds, you need to reconnect your wireless devices to the wireless network of the extender.

4.5 Modify the SSID and password of the extender

Step 1 To enter the configuration page, choose **WiFi Settings**.

Step 2 On the **WiFi Settings** page, modify the **SSID** and **WiFi Password** as required. And click **Save** at the bottom to apply your settings.



The screenshot shows the 'WiFi Settings' configuration page. At the top, it says 'WiFi Settings'. Below that, there is a section titled 'Extender WiFi Network'. There are two rows of input fields. The first row is for 'SSID', with a text box containing 'Tenda_01_EXT' and a checkbox labeled 'Hide WiFi'. The second row is for 'WiFi Password', with a text box containing seven dots and a toggle icon, and a checkbox labeled 'No Password'.



- **Hide** indicates hiding the SSID of extender. See [Hide the WiFi network of the extender](#) for details.
- **No Password** indicates the extender offers an open WiFi network.

---- End

After the configurations are saved, you need to reconnect your WiFi-enabled devices to the extender using the SSID and WiFi password you set here.

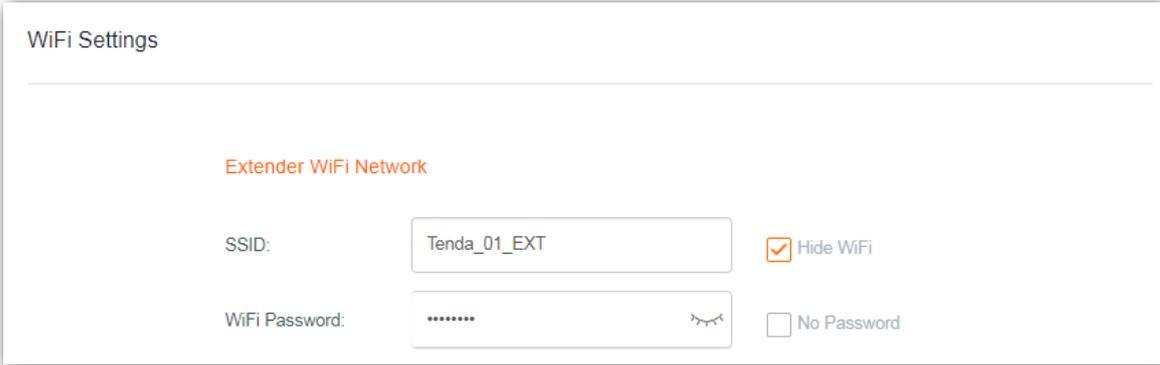
4.6 Hide the WiFi network of the extender

The extender supports to hide its WiFi network so that wireless devices cannot scan it, thus improving the security of the WiFi network of the extender.

Step 1 To enter the configuration page, choose **WiFi Settings**.

Step 2 On the **WiFi Settings** page, tick **Hide**.

Step 3 Click **Save** at the bottom to apply your settings.



WiFi Settings

Extender WiFi Network

SSID: Tenda_01_EXT Hide WiFi

WiFi Password: ***** No Password

---- End

After the configurations are saved, the extender disconnects all clients connected to it.

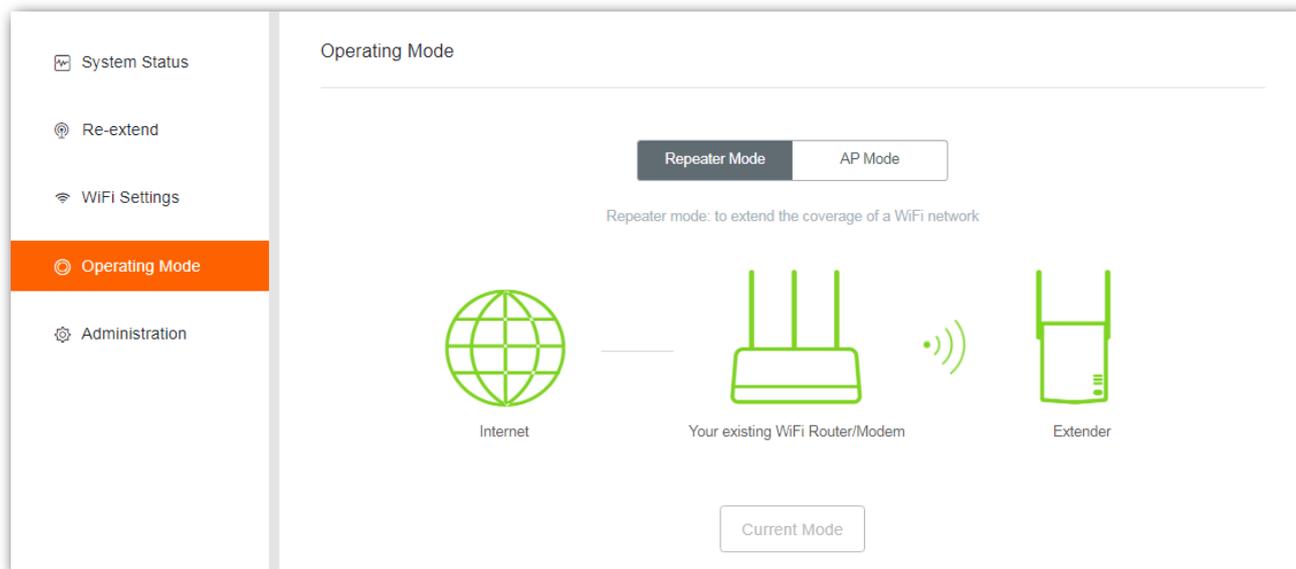
To connect to the WiFi network of the extender again, you need to manually enter its SSID and WiFi password on your wireless devices. See [Scenario 1: Connect mobile devices to a hidden WiFi network \(Example: Android OS\)](#) (with a mobile WiFi-enabled devices) and [Scenario 2: Connect a laptop or a desktop computer installed with a wireless adapter to a hidden WiFi network \(Example: Windows 7 OS\)](#) (with a laptop or a desktop computer installed with a wireless adapter) to connect your wireless devices to the hidden wireless network the extender.

4.7 Change the operating mode

This extender can operate in the following two modes:

- **Repeater Mode:** to extend WiFi coverage of your existing WiFi network. By default, the extender works in this mode.
- **AP Mode:** to convert a wired network to a WiFi network.

To change the operating mode of the extender, choose **Operating Mode** to access the configuration page.

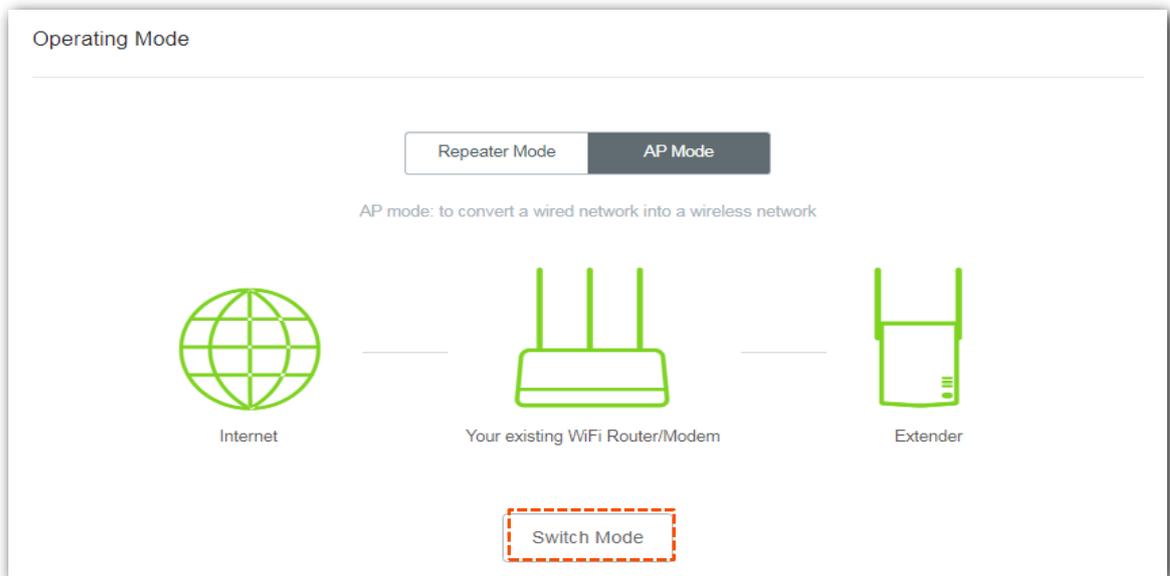


4.7.1 Switch the extender from the repeater mode to the AP Mode

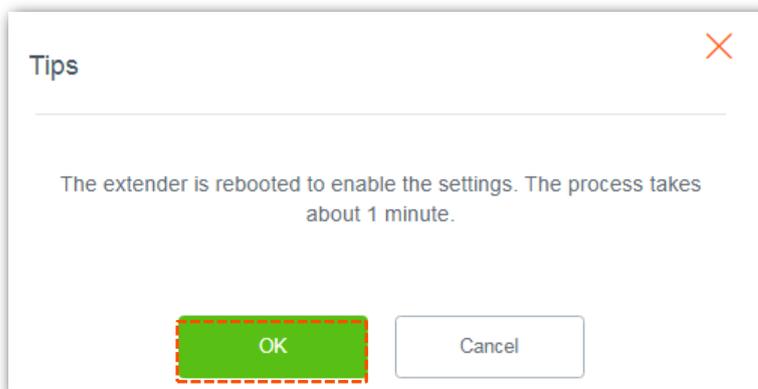
Step 1 Choose **Operating Mode** to enter the configuration page.

Step 2 Click **AP Mode**.

Step 3 Click **Switch Mode**.



Step 4 Click **OK** on the pop-up window.

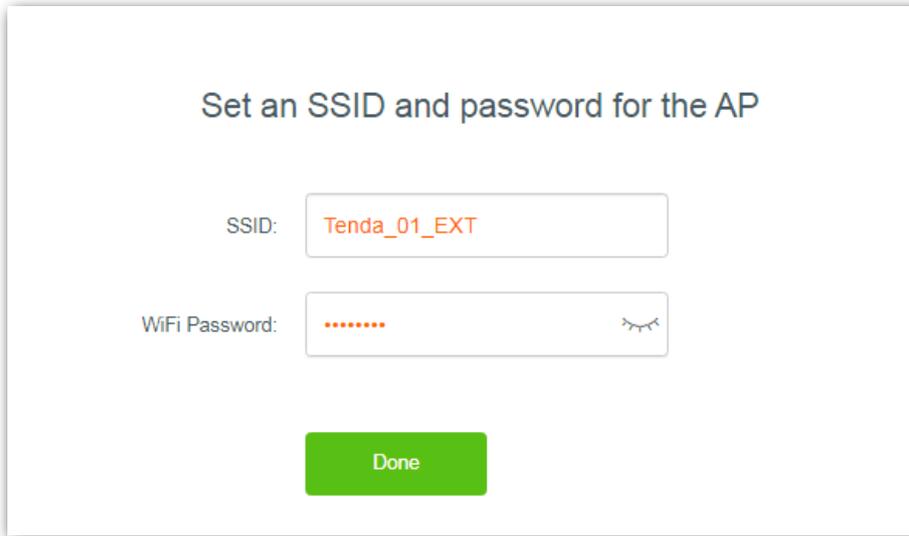


Step 5 Wait a moment until the progress bar is complete, and you will be redirected to the Login page.

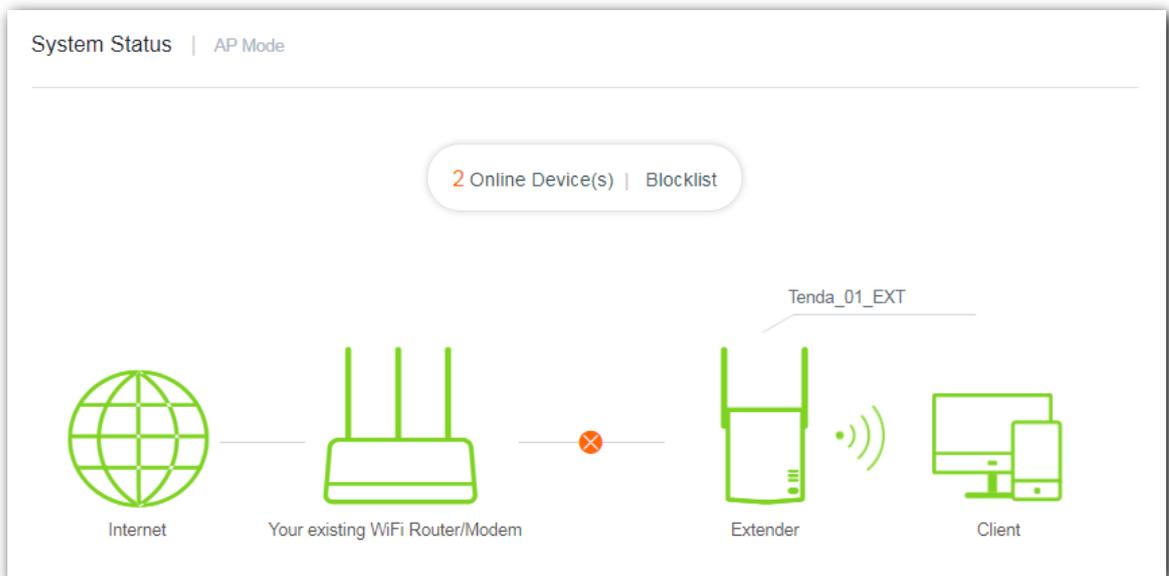


Step 6 Connect to the internet.

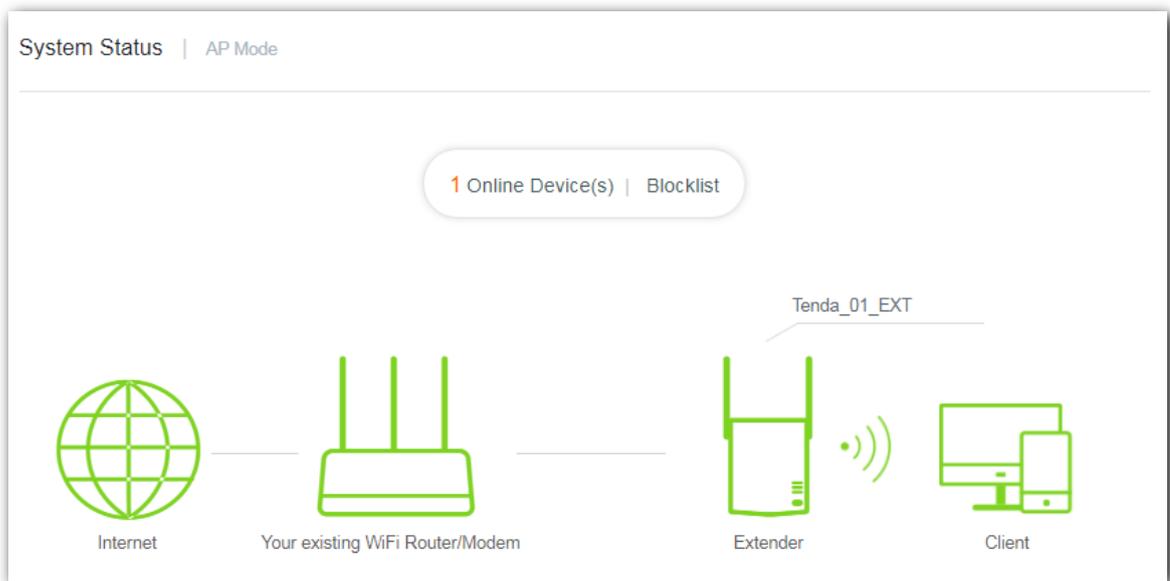
1. Connect your management computer to a SSID of the extender, start a web browser, and visit **re.tenda.cn**. It shows the page to set up the SSID and WiFi password of the extender.



2. Modify the **SSID and WiFi Password** as needed and click **Done**.
3. Reconnect the WiFi network you set and login to the web UI again. The following figure appears.



4. Use an Ethernet cable to connect the LAN port of your extender to a LAN port of your existing WiFi router. The following page pops up.



---End

Now, the extender works in AP mode. You can access the internet on your wireless devices by connecting the SSIDs of the extender.

4.7.2 Switch the extender from the AP mode to the repeater mode



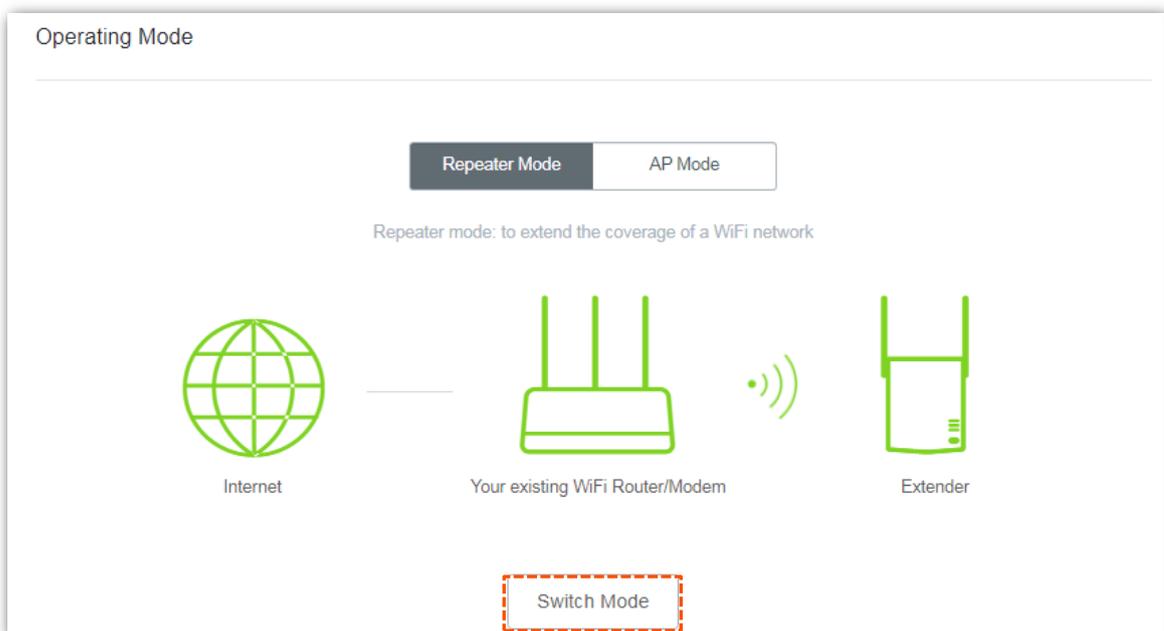
Configurations (except SSID and WiFi password you set) will be cleared when you switch from AP mode to Repeater mode.

Configuration procedure:

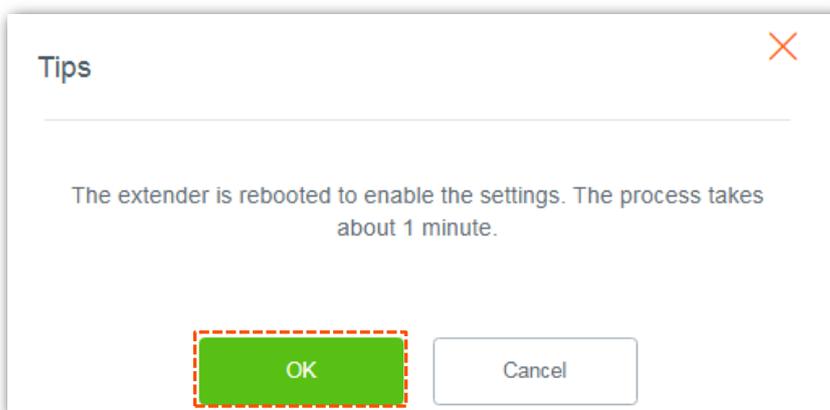
Step 1 Choose **Operating Mode** to enter the configuration page.

Step 2 Click **Repeater Mode**.

Step 3 Click **Switch Mode**.



Step 4 Click **OK** on the page.



Step 5 Wait until the progress bar is complete. Then reconfigure it to [extend your existing WiFi network](#).

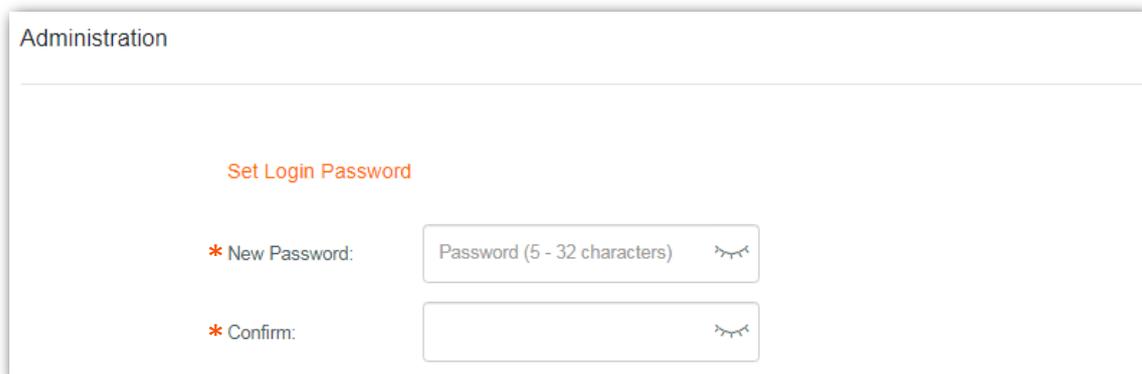
---End

After you set the extender to the repeater mode, please remove the Ethernet cable between the extender and your existing router.

4.8 Set up a login password

Step 1 To enter the configuration page, choose **Administration**.

Step 2 Enter a login password in the **New Password** field and enter it again in the **Confirm** field.

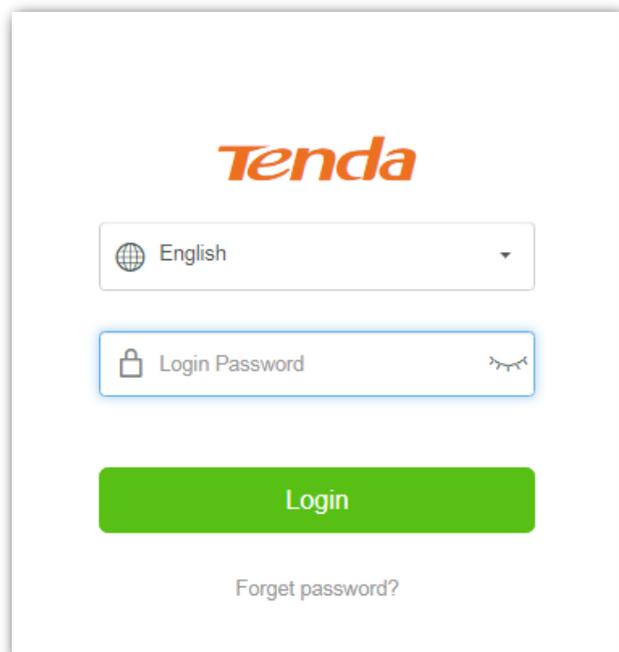


The screenshot shows the 'Administration' page with a section titled 'Set Login Password'. It contains two input fields: '* New Password:' with a placeholder 'Password (5 - 32 characters)' and a visibility toggle, and '* Confirm:' with an empty field and a visibility toggle.

Step 3 Click **Save** at the bottom to apply your settings.

---- End

After the configurations are saved, you will be redirected to the login page. Enter the **Login Password** you set for logging in.



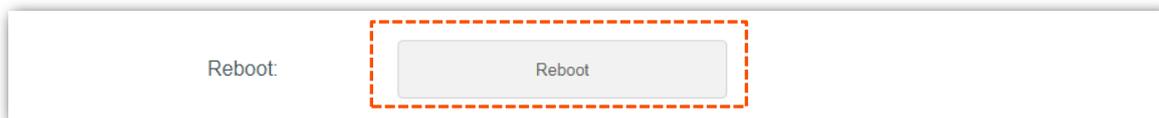
The screenshot shows the Tenda login page. It features the Tenda logo at the top, a language dropdown menu set to 'English', a 'Login Password' input field with a lock icon and a visibility toggle, a green 'Login' button, and a 'Forget password?' link at the bottom.

4.9 Reboot the extender

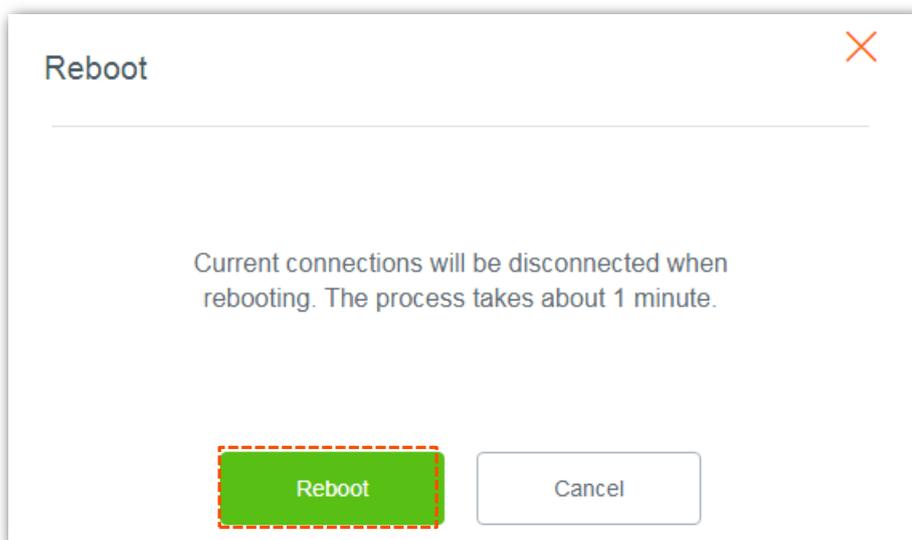
If a setting fails to take effect or the router fails to work properly, you can try rebooting the router.

Step 1 To enter the configuration page, choose **Administration**.

Step 2 Click **Reboot**.



Step 3 Click **Reboot** to continue.



---- End

Wait for the extender completes rebooting.

4.10 Reset the extender

If you are uncertain about why the internet is inaccessible through the extender or you forget the login password of the extender, you can reset the router.



Resetting the extender clears all configurations. You need to configure the extender again.

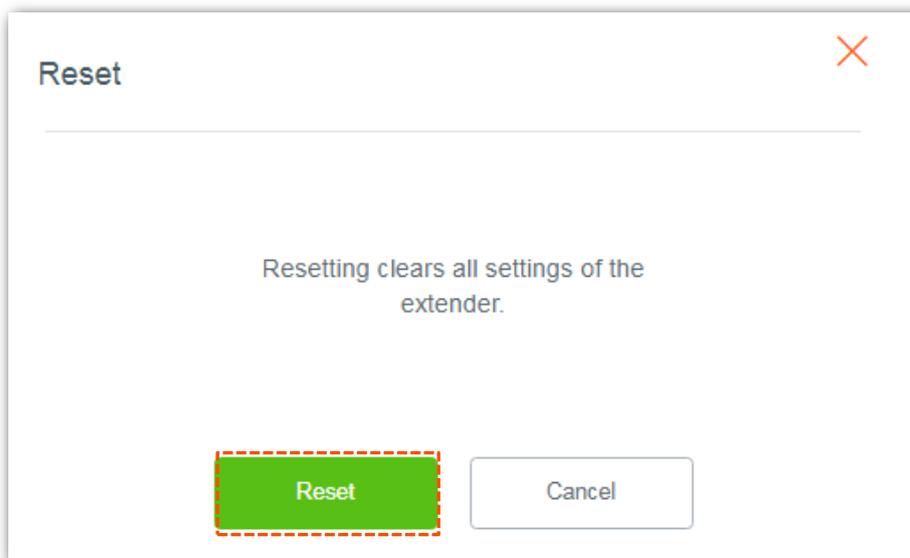
4.10.1 Reset the extender with Web UI

Step 1 To enter the configuration page, choose **Administration**.

Step 2 Click **Reset**.



Step 3 Click **Reset** to continue.



---- End

Wait for the extender complete resetting. Then configure it again.

4.10.2 Reset the extender with the RESET button

With the PWR LED indicator of the extender solid on, hold the RESET button down with a pin. Then release it when the all LED indicators blink once then turn off. When the PWR LED indicator turns solid on again, the extender is restored to factory settings successfully.

4.11 Export logs

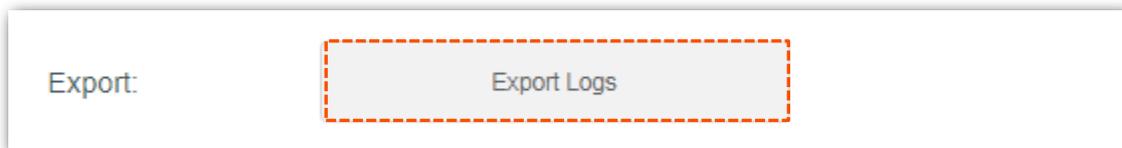
System logs records events happened since the extender was started last time. You can export the system logs if necessary.



Only laptop or desktop computer installed with a wireless adapter supports to export system logs.

Step 1 To enter the configuration page, choose **Administration**.

Step 2 Click **Export Logs**.



---- End

A file named **RepeaterSystem.log** will be downloaded to your local computer.

4.12 Upgrade the extender



Only laptop or desktop computer installed with a wireless adapter can upgrade the extender.

Step 1 Go to www.tendacn.com, search for the product model, download the proper firmware version package to your local computer, and unzip it.



Generally, the file format of an upgrade firmware is **.bin**.

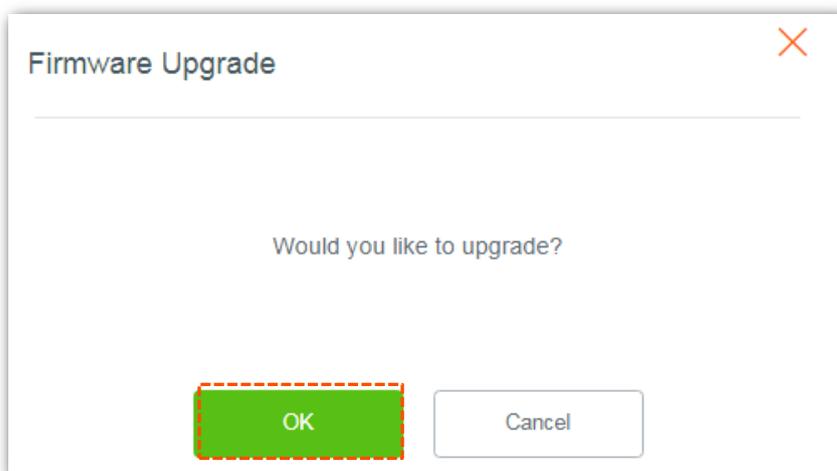
Step 2 Log in to the Web UI of the extender, and choose **Administration**.

Step 3 Click **Firmware Upgrade**.



Step 4 Upload the firmware you have unzipped.

Step 5 Click **OK** to continue.



---- End

Wait until the progress bar completes.

Appendixes

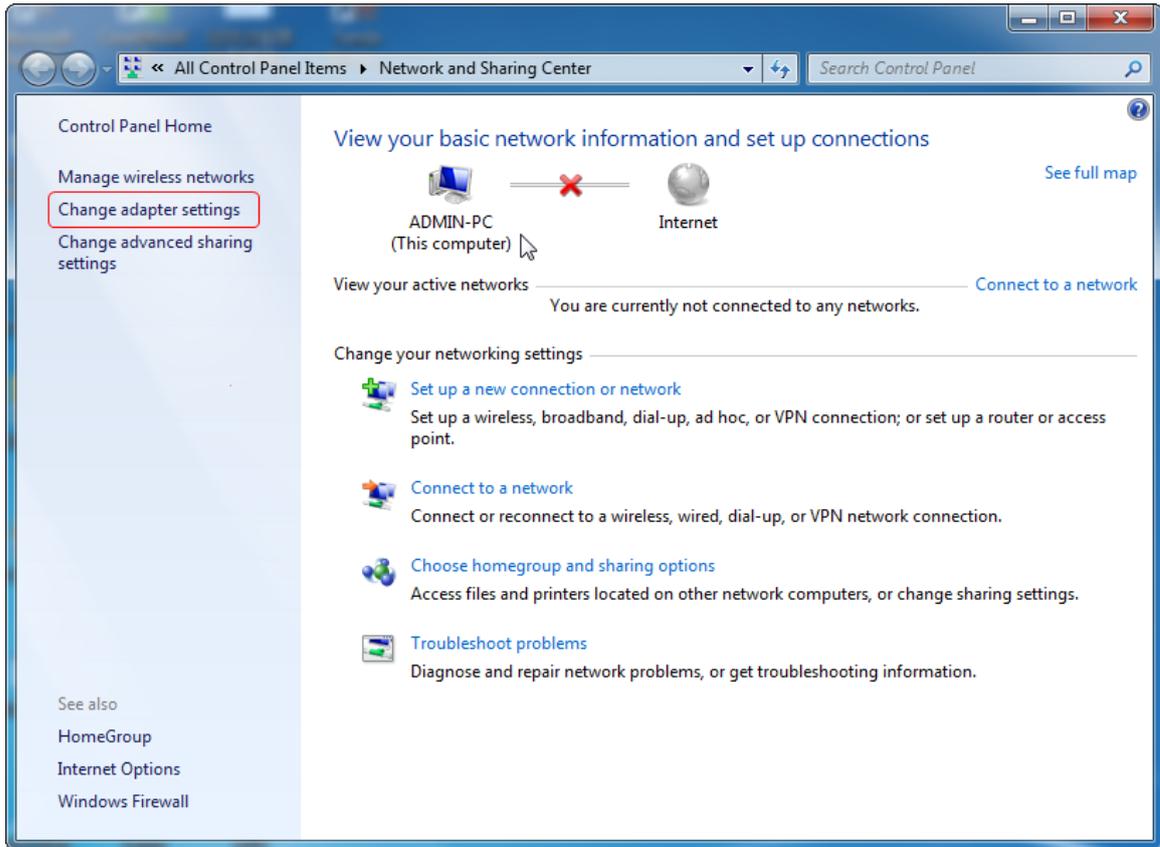
A.1 Set your computer to obtain an IP address automatically

A.1.1 Windows 7

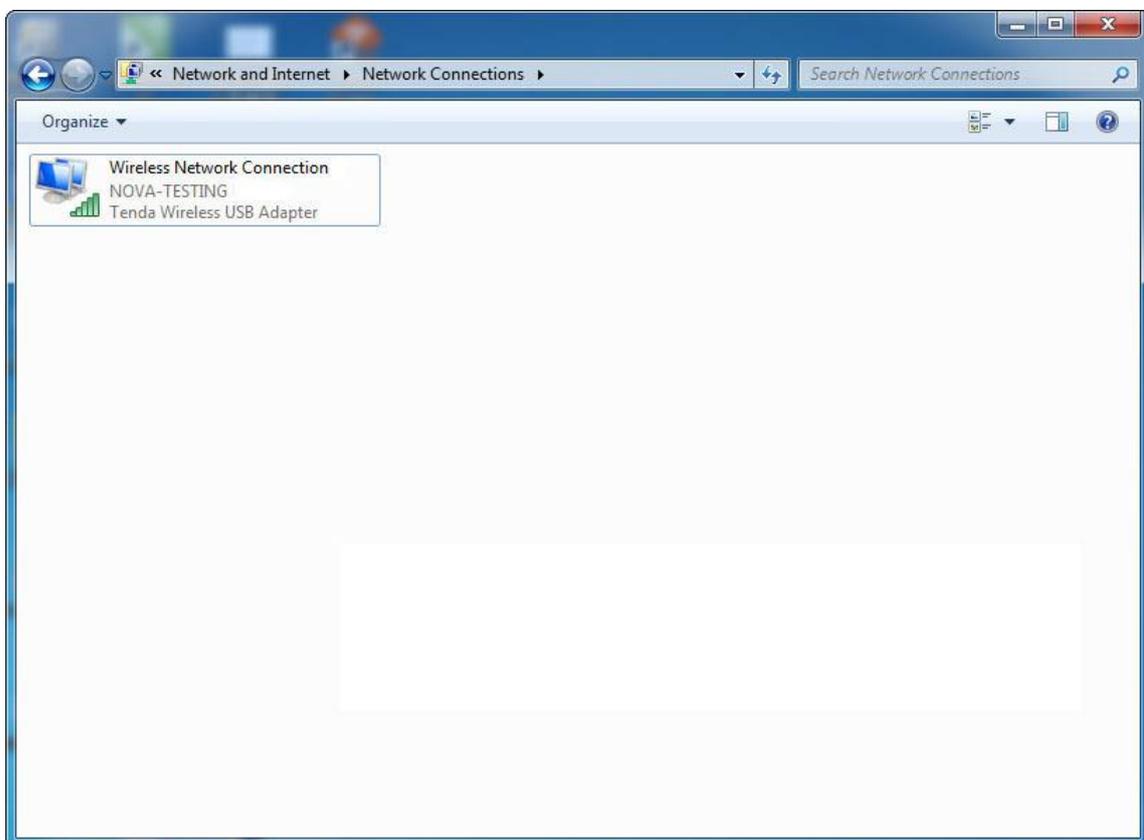
Step 1 Click  in the lower-right corner of the desktop and choose **Open Network and Sharing Center**.



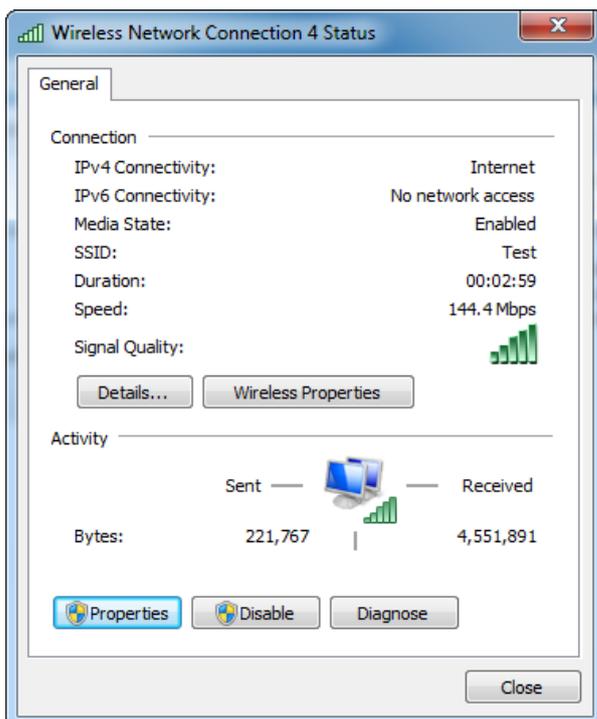
Step 2 Click **Change adapter settings**.



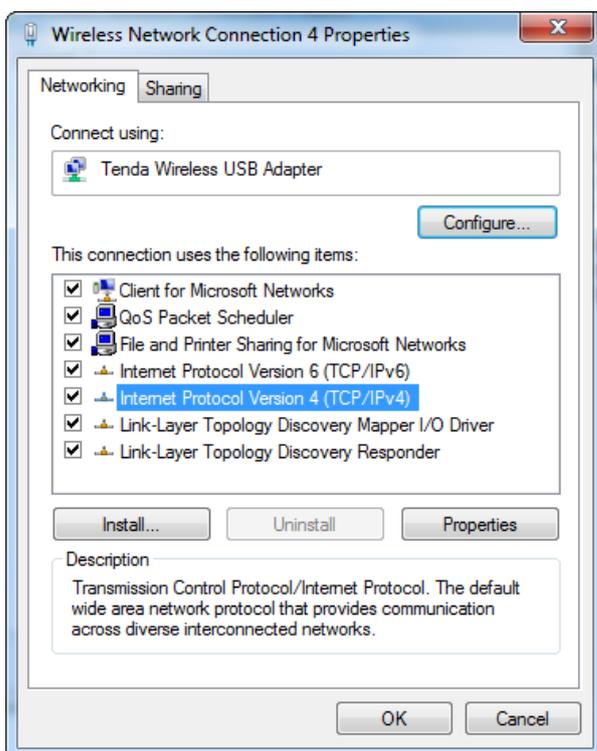
Step 3 Right-click **Wireless Network Connection**.



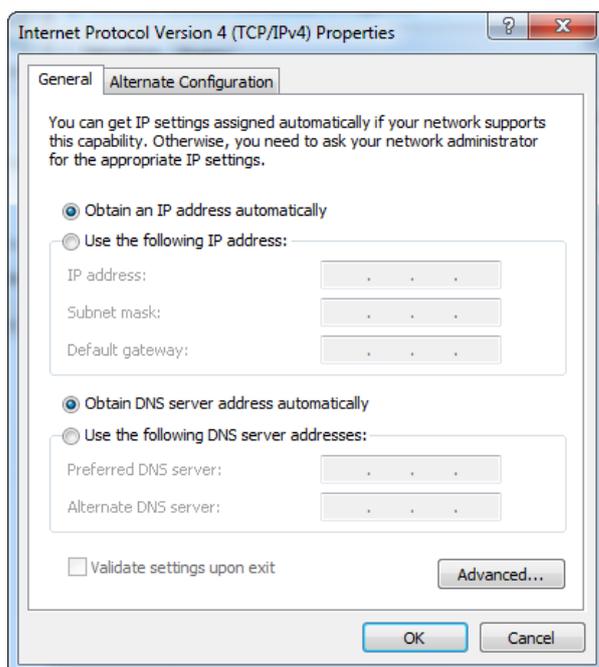
Step 4 Click **Property**.



Step 5 Double-click **Internet Protocol Version 4 (TCP/IPv4)**.



Step 6 Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**, and click **OK**.



Step 7 Click **OK** in the **Internet Protocol Version 4(TCP/IPv4) Properties** window.

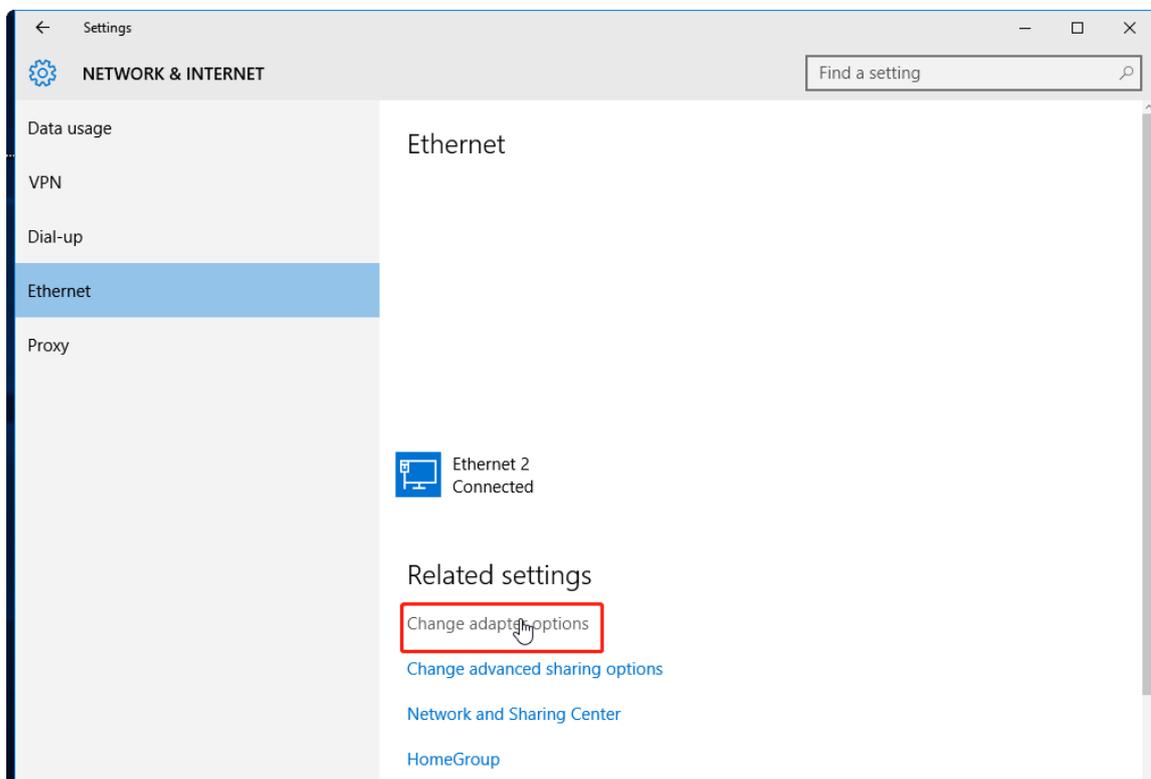
---- End

A.1.2 Windows 10

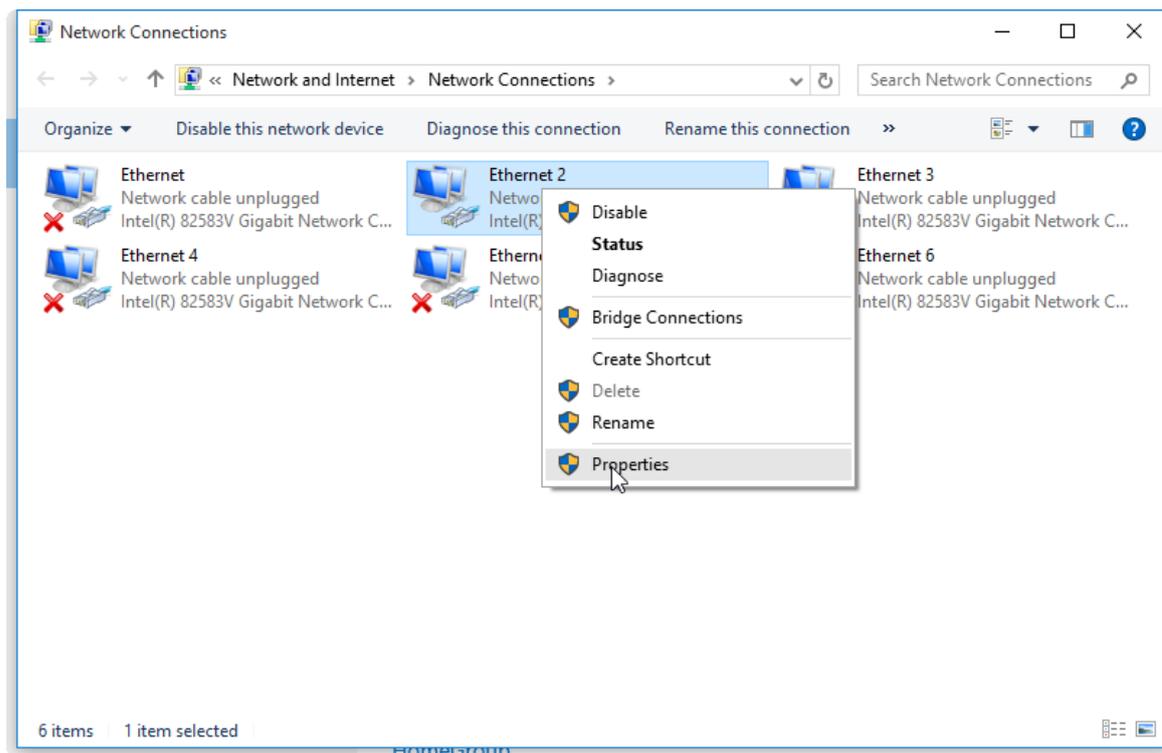
Step 1 Click  in the lower-right corner of the desktop and choose **Network settings**.



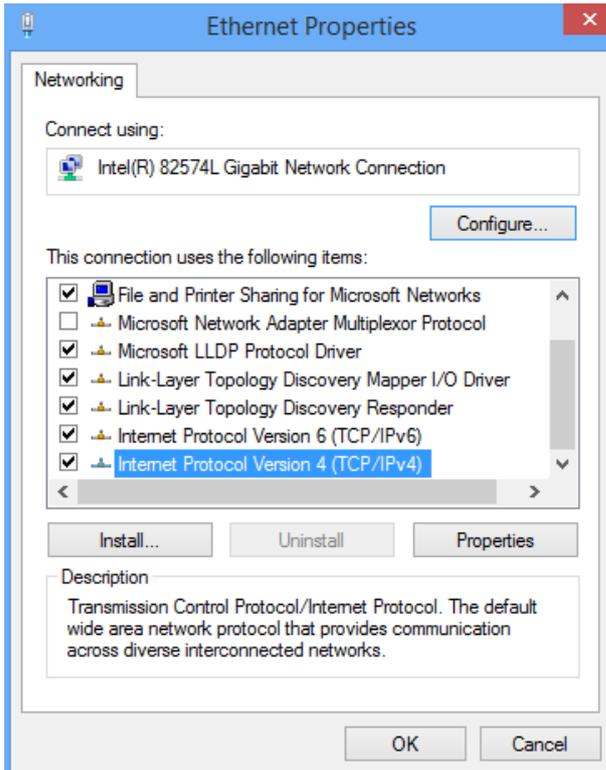
Step 2 Click **Change adapter options**.



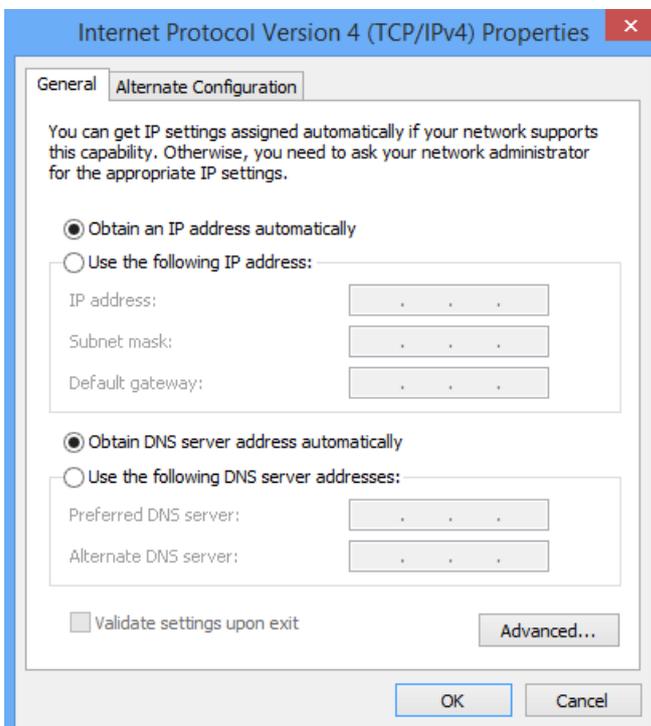
Step 3 Right click on the connection which is being connected, and then click **Properties**.



Step 4 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 **Close** in the **Ethernet Properties** window.

----End

A.2 Default Parameter Values

The following table lists the default parameter values of the extender.

Parameter	Default Value
Login address	re.tenda.cn
Login password	None
IP address	192.168.0.254 *Once the extender extends to the WiFi router successfully, the upstream WiFi router with DHCP sever enabled automatically assigns the extender an IP address.
Subnet mask	255.255.255.0 *Once the extender extends to the WiFi router successfully, the upstream WiFi router with DHCP sever enabled automatically assigns the extender a subnet mask.
DHCP server status	Enabled *It depends on the extended status. If extended successfully, the DHCP server becomes disabled. Otherwise, it is enabled.
SSID	Tenda_EXT
WiFi Password	None
Blocklist	None