



# Wireless N300 Universal Range Extender A9

**User Guide** 

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# **Table of Contents**

I Get to Know Your Extender1
Package Contents1
Features1
LED Indicator
Buttons
Product Label4
II Extend WiFi Network5
Method 1: Use Web UI to Extend your WiFi
Method 2: Use WPS Button to Extend your WiFi
Position the antennas for Better WiFi Performance
III Web UI Features9
Configure the Extender Using a Smartphone
Extend the WiFi Network Using a Smartphone
Status of the Extender
Extend another WiFi Network14
Change the Extender's WiFi Settings15
Administration16
Configure the Extender Using a Computer
Extend the WiFi Network Using a Computer21
Status of the Extender25
Extend another WiFi Network
Change the Extender's WiFi Settings
Administration
IV Appendix34
Troubleshooting
Technical Support
Configure your Computer
Windows 8
Windows 7
Windows XP40
Safety and Emission Statement

# I Get to Know Your Extender

Tenda A9 is a wireless extender designed for large houses. It provides full WiFi coverage to 200m<sup>2</sup> houses and wireless transmission speed up to 300Mbps. A9 is an optimum choice to create a strong signal in hard-to-reach area. This chapter includes:

- Package Contents
- <u>Features</u>
- <u>LED Indicator</u>
- <u>Buttons</u>
- Product Label

Pay close attention to the LEDs on the front panel.

# **Package Contents**

Unpack the package. Your box should contain the following items:

- Wireless N300 Universal Range Extender \* 1
- Install Guide \* 1

If any item is incorrect, missing or damaged, please keep the original package and contact the vendor for replacement immediately.

# Features

- Works at 2.4G band.
- Adopt 802.11n technology and the wireless speed can be up to 300Mbps.
- Provide 2 external 3dBi smart Omni-Directional antennas.
- Adopt Mixed WPA/WPA2-PSK, AES to encrypt the WiFi network that ensures the security.
- Be compatible with the uplink device's WiFi encryption type: None, WPA-PSK, WPA2-PSK and Mixed WPA/WPA2-PSK.
- Support extending WiFi signal with WPS button.

# **LED** Indicator



Color	Status	Description	
	Solid	The device is booting.	
Red	Dlinking	• The device is extending a WiFi network or	
	Diniking	• The device fails to extend a WiFi network.	
Green	Solid	Extended successfully and the WiFi signal is strong.	
Orange	Solid	Extended successfully and the WiFi signal is poor.	
Blinking		Extended successfully and the WiFi signal is very poor.	

# **Buttons**



## **WPS Button**

The LED indicator and WPS button are on the same place. As a button, it is used to establish a WPS connection with a router or AP.

You can press WPS button on a router or AP first, and within 2 minutes press this button to establish a WPS connection.

## **▲** Reset Button

It is used to restore the extender to factory default.

You can use a needle-shaped object to press and hold this button for about 8 seconds until the LED indicator turns to solid red. When the LED indicator turns to blinking red, it indicates that the extender has been restored to factory default successfully.

# **Product Label**

The label on the rear panel:



The label on the side panel:



# **1** Default Access: re.tenda.cn

It's the default login domain name of the extender. After you connect to the extender wirelessly, you can log in to the extender's web UI with **re.tenda.cn**.

# **2** SSID: Tenda\_XXXXXX

It's the default WiFi name of the extender. You can connect to this SSID to access the internet or to configure the extender.

# II Extend WiFi Network

This chapter describes two methods to extend your WiFi network by using the extender, and how to position the antennas.

- Method 1: Use Web UI to Extend your WiFi
- Method 2: Use WPS Button to Extend your WiFi
- Position the Antennas for Better WiFi Performance

# Method 1: Use Web UI to Extend your WiFi

Please refer to

III Web UI Features > Configure the Extender Using a Smartphone > Extend the WiFi Network Using a Smartphone

Or

III Web UI Features > Configure the Extender Using a Computer > Extend the WiFi Network Using a Computer

for details.

# Method 2: Use WPS Button to Extend your WiFi

① Plug the extender (A9) into an electrical outlet near your WiFi router that supports WPS function.



② Press the WPS button on your router, and within 2 minutes press the Obutton on the extender.



When the LED indicator turns to solid green, solid orange or blinking orange, it indicates that the WPS connection is successful.

③ Unplug the extender and move it to a new location that is about halfway between your router and the area with a poor router WiFi signal. Observe the LED indicator on the extender to choose an optimum extending location.



If the signal is very poor, you must keep moving the extender to an outlet closer to the router until the LED indicator of the extender lights solid green or solid orange.

#### Tips

- You can also log in to the extender's web UI to check the WiFi signal strength (40%~79% is the optimum extending location).
- To minimize signal interference, keep the extender away from Bluetooth devices, microwaves, refrigerators, and so on.

The steps are complete! Enjoy your WiFi! Your extender's WiFi name and password may be one of the following.

• If you have not extended a WiFi network before:

The extender's WiFi name and password are the same as those of your router. For example, if your router's WiFi name is *Tenda\_6666666* and WiFi password is *00000000*, as a result, your extender's WiFi name and password are *Tenda\_6666666* and *00000000* respectively.



• If you have extended a WiFi network before:

The extender's WiFi name and password are the previous ones. For example, yesterday you extended a WiFi network and the extender's WiFi name and password were *xxxxx* and \*\*\*\*\*\* respectively. Today you extend another WiFi network with the WPS button, as a result, your extender's WiFi name and password are still *xxxxx* and \*\*\*\*\*\* respectively.

# Position the Antennas for Better WiFi Performance

For better WiFi performance, make the antennas vertical to the ground no matter you plug the extender to a wall outlet or to a power strip.



# **III Web UI Features**

The extender provides two types of web UI for smartphones and computers respectively. This chapter helps you:

- Configure the Extender Using a Smartphone
- <u>Configure the Extender Using a Computer</u>

# **Configure the Extender Using a Smartphone**

# Extend the WiFi Network Using a Smartphone

① Plug the extender (A9) into an electrical outlet near your WiFi router.



② Use your smartphone to search and connect to the extender's WiFi name. The default WiFi name (SSID: Tenda\_XXXXX) is on both the label of the extender's rear panel and the label of the extender's side panel, shown as below.



- ③ Open a browser on your smartphone (take Safari as an example here), type the default login domain name **re.tenda.cn** or default login IP address **192.168.0.254** into the address bar, and click **Go**.
- (4) When the extender's web UI appears, select the WiFi name (SSID) you want to extend, and click **Next**.
- (5) Enter the WiFi password of the selected WiFi name (if any), and click **Finish**.

	re.tenda.cn	Ċ		re.tenda.cn	Ç
Ten	Select WiFi Name > En	ter Password	7	Select WiFi Name > Enter Password	
Please s Select	elect a WiFi name… ( WiFi Name Encry	C ption/Signal Strength	Ba	se Station WiFi Name: Tenda_666666	
0	Tenda_666666	₽ 🗢		Enter the WiFi password of the Base Station	
$\bigcirc$	Tenda_office	(i,	V	Set up the extender's WiFi name and	
$\bigcirc$	AC9-ELNA	₽ 📚		Base Station	
$\bigcirc$	Tenda_c	₽ 📚			
$\bigcirc$	Tenda_ping	(iț.		Back Finish	
	Next				

#### Tips

If you don't want to set up the extender's WiFi name and password to the same as those of the base station, uncheck the option before **Set up the extender's WiFi name and password to the same as those of the Base Station**, customize the extender's WiFi name and password, and then click **Finish**.

re.tenda.cn C					
••	•••••				
Set up the extender's WiFi name and password to the same as those of the Base Station					
WiFi Name of the Extender					
WiFi Password of the Extender					
	Back	Finish			



Wait until the extending progress is complete. It will take a few seconds.

(6) Unplug the extender and move it to a new location that is about halfway between your router and the area with a poor router WiFi signal. Observe the LED indicator on the extender to choose an optimum extending location.



If the signal is very poor, you must keep moving the extender to an outlet closer to the router until the LED indicator of the extender lights solid green or solid orange.

## Tips

- You can also log in to the extender's web UI to check the WiFi signal strength (40%~79% is the optimum extending location).
- To minimize signal interference, keep the extender away from Bluetooth devices, microwaves, refrigerators, and so on.

The steps are complete! Enjoy your WiFi! Your extender's WiFi name and password may be one of the following.

• Be default

The extender's WiFi name and password are the same as those of your router. For example, if your router's WiFi name is *Tenda\_666666* and WiFi password is *00000000*, as a result, your extender's WiFi name and password are *Tenda\_666666* and *00000000* respectively.



• If you have customized the extender's WiFi name and password, please connect to the new WiFi name with the new password to access the internet.

	re.tenda.cn C				
••	••••				
	Set up the extender's WiFi name and password to the same as those of the Base Station				
Wi	WiFi Name of the Extender				
Wi	WiFi Password of the Extender				
	Back	Finish			

# **Status of the Extender**

After the extender extends successfully, you can log in to the extender's web UI for more settings by using the domain name **re.tenda.cn**.

After login, you will be directed to **Status** page, as shown below. In this page, you can see Attached Devices, Blacklist, and WiFi name (SSID) of the WiFi router and the extender.



On the **Status** page, click **Attached Device** and the attached devices' info pops up. If there is an unknown device, you can click Add to add it to Blacklist (Devices in Blacklist cannot access the internet via the extender).

On the **Status** page, click **Blacklist**, and you can see the devices in Blacklist. Clicking **Remove** can remove a device from Blacklist. A removed device can connect to the extender again.

Attached Device	(2) ×
Device Name	Add to Blacklist
DESKTOP-M5MSVIJ	Add
Dudu	Add

Te	enda 🛛	≡	
<u>1 A</u>	ttached Device(s) Blacklist	1	
	Blacklist (1)	×	
	Device Name	Remove from Blacklist	
l	DESKTOP-M5MSVIJ	Remove	

### **Extend another WiFi Network**

If you don't extend the WiFi network successfully by following the quick setup wizard (Refer to Extend the WiFi Network Using a Smartphone), or want to extend another WiFi network, you can click on the upper right corner and click on the upper right.

Tenda	
	-∿ Status
2 Attached Device(s)	<sup>ທ</sup> ີ່ I <sup>ຫ</sup> Extend
	奈 Wireless
	🔩 Administration

Here you can see the base station WiFi name, connection status, and connection time.

Select a WiFi name below to start to extend a WiFi network again. (You can refer to steps in <u>Extend the WiFi</u> <u>Network Using a Smartphone</u> for details.)

•••	●● 中国移动		РМ	72% 🔳	
		re.tend	a.cn	Ċ	
1	end	а			
E	Base Station	WiFi Name			
Т	enda_6666	66			
C	Connection S	Status			
E	Extended Successfully				
C	Connection T	īme			
5	5min 46s				
Ρ	lease select	a WiFi name <mark>C</mark>	,		
	Select	WiFi Name	WiFi Sign Streng	al th	
	$\bigcirc$	Tenda_a		(i	
	$\bigcirc$	ceshi		(i:	
	0	Tenda-ce		¢	

## Change the Extender's WiFi Settings

By default, the WiFi name and password of the extender are changed to the same as that of the WiFi router (the base station). If you want to customize them, please do as follows.

 Click ■ on the upper right corner and click <sup>¬ Wireless</sup>.

Tenda	
	-₩- Status
2 Attached Device(s)	<sup>»</sup> ໃ <sup>»</sup> ) Extend
	🔶 Wireless
	🔅 Administration

- (2) Type a WiFi name for your extender.
- (3) Type a WiFi password for your extender.
- (4) Click **OK** to save your settings.

## **⊌** Hide

If the **Hide** option is checked, no wireless clients can search the WiFi name of the extender. You need to know the WiFi name in advance and enter the WiFi name on each wireless client manually.

#### **∖** No Password

If the **No Password** option is checked, all wireless clients can join the extender's WiFi network without a WiFi password.

<b>end</b> a		≡
WiFi Name & Password of	the Extende	er
WiFi Name		
Tenda_XXXXXX		
Hide		
WiFi Password		
•••••		
No Password		
	ОК	Cancel
	ОК	Cancel

## Administration

Click  $\blacksquare$  on the upper right corner and

click Administration to enter

Administration configuration page.

Tenda	
	-₩- Status
2 Attached Device(s)	<sup>ຫ</sup> ຼາ <sup>ຫ</sup> ຼີ Extend
	奈 Wireless
	🍫 Administration

In **Administration** page, you can set up a login password, reboot or reset the extender.

lenda 📃
Set Login Password
New Password
Repeat New Password
Device Management
Reboot Router
Reboot
Reset to Factory Defaults
Reset
OK Cancel

#### Set up a login password

- Click on the upper right corner and click Administration to enter
   Administration configuration page.
- (2) Type a login password in **New Password** field.
- ③ Re-type the login password in RepeatNew Password field.
- (4) Click **OK** at the bottom of the page to save your settings.

re.tenda.cn C
Tenda 📃
Set Login Password
New Password
•••••
Repeat New Password
•••••
Device Management
Reboot Extender
Reboot
Reset to Factory Defaults
Reset
OK Cancel
re.tenda.cn C
Tenda
Login Password
Login
Forgot your password?

After the settings take effect, a login password is required when you log in to the extender's web UI.

#### **Reboot the extender**

Rebooting the extender will activate 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.

### To reboot the extender:

- Click on the upper right corner and click Administration to enter
   Administration configuration page.
- (2) Click **Reboot** button.
- (3) Click **OK** on the pop-up window.

re.tenda.cn		C
Tenda		≡
Set Login Password		
Old Password		
New Password		
Reboot the device?		
	Cancel	ОК
Device Management		
Reboot Extender		
Reboot		
Reset to Factory Defaults		
ОК	Can	cel

#### Reset the extender

Resetting the extender clears all settings of the device. You need to set them up again.

### To reset the extender:

1) Click on the upper right corner and click Administration to enter

Administration configuration page.

- (2) Click **Reset** button.
- (3) Click **OK** on the pop-up window.

re.tenda.cn C
Set Login Password
Old Password
New Password
Resetting to factory default will clear all settings of the device.
Cancel OK
Reboot Extender
Reboot
Reset to Factory Defaults
Reset
Reset

# **Configure the Extender Using a Computer**

## Extend the WiFi Network Using a Computer

① Plug the extender (A9) into an electrical outlet near your WiFi router.



② Use your computer to search and connect to the extender's WiFi. The default WiFi name (SSID: Tenda\_XXXXX) is on both the label of the extender's rear panel and the label of the extender's side panel, shown as below.



③ Launch a web browser, type the default login domain name **re.tenda.cn** or default login IP address **192.168.0.254** in the address bar, and tap **Enter** on the keyboard.

New Tab	×	1	_	×
$ \leftarrow  \rightarrow   X$	🗅 re.tenda.cn			≡

④ After the extender's web UI appears, select the WiFi name (SSID) you want to extend, and click Next.

Please select	t a WiFi name C	Encountion/Signal Strength
	Tenda 666666	
0	- Tenda_office	<b>∎</b> •
0	Tenda_w20e	ę
0	Tenda_guest	ę
0	Tenda_AC6	<u></u>
	Next	

(5) Enter the WiFi password of the base station (if any), and click **Finish**.

Tenda
Select WiFi Name > Enter Password
Base Station WiFi Name: Tenda_666666
Enter the WiFi password of the Base Station
Set up the extender's WiFi name and password to the same as those of the Base Station
Back Finish

### Tips

If you don't want to set up the extender's WiFi name and password to the same as those of the base station, uncheck the option before Set up **the extender's WiFi name and password to the same as those of the Base Station,** customize the extender's WiFi name and password, and then click Finish.

Tenda
Select WiFi Name > Enter Password
Base Station WiFi Name: Tenda_666666
••••••
Set up the extender's WiFi name and password to the same as those of the Base Station
WiFi Name of the Extender
WiFi Password of the Extender
Back Finish

#### Wait until the extending progress is complete. It will take a few seconds.

Tenda	Tenda
$\bigcirc$	
ExtendingPlease wait	Extended Successfully! The WiFi name of the extender is changed into Tenda_666666, please connect again.

<sup>(6)</sup> Unplug the extender and move it to a new location that is about halfway between your router and the area with a poor router WiFi signal. Observe the LED indicator on the extender to choose an optimum extending location.



extender to an outlet closer to the router until the LED indicator of the extender lights solid green or solid orange.

Tips

- You can also log in to the extender's web UI to check the WiFi signal strength (40%~79% is the optimum extending location).
- To minimize signal interference, keep the extender away from Bluetooth devices, microwaves, refrigerators, and so on.

The steps are complete! Enjoy your WiFi! Your extender's WiFi name and password may be one of the following.

• Be default

The extender's WiFi name and password are the same as those of your router. For example, if your router's WiFi name is *Tenda\_6666666* and WiFi password is *00000000*, as a result, your extender's WiFi name and password are *Tenda\_6666666* and *00000000* respectively.



• If you have customized the extender's WiFi name and password, please connect to the new WiFi name with the new password to access the internet.

## **Status of the Extender**

After the extender extends successfully, you can log in to the extender's web UI for more settings by using the domain name **re.tenda.cn**.

After login, you will be directed to **Status** page, as shown below. In this page, you can see Attached Devices, Blacklist, and WiFi name (SSID) of the WiFi router and the extender.

Tenda	e e e e e e e e e e e e e e e e e e e	English <del>-</del>
Image: Addition of the second sec	2 Attached Device(: IBlacklist 0 Tenda_666666 Internet Router Extender	English -

# **1** Attached Device

Click **Attached Device** and the attached devices' info pops up. You can check the devices' IP addresses and MAC addresses. If there is an unknown device, you can click Add to add it to Blacklist (Devices in Blacklist cannot access the internet via the extender).

Attached Device (2)			×
Device Name	IP Address	MAC Address	Add to Blacklist
DESKTOP-M5MSVIJ	192.168.0.107	C8:3A:35:C2:CA:E7	Add
Dudu	192.168.0.133	1C:5C:F2:B4:40:08	Add

# 2 Blacklist

On the **Status** page, click **Blacklist**, and you can see the devices in Blacklist. Clicking Remove can remove a device from Blacklist. A removed device can connect to the extender again.

Bl	acklist (1)			×
	Device Name	MAC Address	Remove from Blacklist	
	Dudu	1C:5C:F2:B4:40:08	Remove	

# **3** WiFi signal strength of the router

Move the cursor to the WiFi signal icon between the router and extender, and you can see the WiFi signal strength of the router. Try relocating your extender if the WiFi signal strength is too low. When the WiFi signal strength is between 40% and 79%, the extending location is optimum.



Tips

If the extender failed to extend WiFi, the WiFi signal icon is  $\mathcal{W}$ .

## **Extend another WiFi Network**

If you don't extend the WiFi network successfully by following the quick setup wizard (Refer to Extend the WiFi Network Using a Computer), or want to extend another WiFi network, click <sup>(h)</sup> (<sup>h)</sup> Extend on the left menu.

Here you can see the base station WiFi name, connection status, and connection time. Select a WiFi name below to start to extend a WiFi network again. (You can refer to steps in <u>Extend the WiFi Network Using a Computer</u> for details.)

Tenda			English <del>-</del>
-∿- Status	Base Station WiFi Na	ame Tenda_666666	
<sup>ຫ</sup> ຼາ <sup>ຫ</sup> ຼີ Extend	Connection Sta	atus Extended Successfully	
奈 Wireless	Connection T	ime 1h 6min 17s	
Administration			
	Please select a WiFi n	ameC	
	Select	WiFi Name	WiFi Signal Strength
	•	Tenda-AP	
	0	ceshi	<b>₽</b> <del>\$</del>
	•	Tenda-m	<b>a</b> <del>\$</del>
	0	2.4G	<u></u>

## Change the Extender's WiFi Settings

By default, the WiFi name and password of the extender are changed to the same as that of the WiFi router (the base station). If you want to customize them, please do as follows.

- (1) Click  $\textcircled{\text{Wireless}}$  on the left menu to enter Wireless configuration page.
- 2 WiFi name: Type a WiFi name for your extender.
- ③ WiFi password: Type a WiFi password for your extender.
- ④ Click **OK** to save your settings.

<b>Tend</b> a				English <del>-</del>
	WiFi Name & Password of the	Extender		
- <b>∿-</b> Status	WiFi Name	Tenda_XXXXXX	Hide	
<sup>»</sup> ໃ <sup>»</sup> ) Extend	WiFi Password		No Password	
🤶 Wireless				
🍫 Administration				

### Hide ک

If the **Hide** option is checked, no wireless clients can search the WiFi name of the extender. You need to know the WiFi name in advance and enter the WiFi name on each wireless client manually.



	WiFi Name & Password of the	Extender	
-₩- Status	WiFi Name	Tenda_XXXXXX	✓ Hide
<sup>»</sup> ໃນ) Extend	WiFi Password		No Password
奈 Wireless			

### **\**No Password

If the **No Password** option is checked, all wireless clients can join the extender's WiFi network without a WiFi password.

	WiFi Name & Password of the	Extender	
- <b>∿</b> - Status	WiFi Name	Tenda_XXXXX	Hide
") <sup>™)</sup> Extend	WiFi Password		☑ No Password
🔶 Wireless			

## Administration

In **Administration** page, you can set up a login password, export system logs, reboot, reset, or upgrade a firmware for the extender.

<b>Tend</b> a			English <del>-</del>
	Set Login Password		
- <b>∿</b> - Status	New Password		
<sup>»</sup> p <sup>))</sup> Extend	Repeat New Password		
🛜 Wireless			
🕏 Administration	Device Management		
	Reboot Extender	Reboot	
	Reset to Factory Defaults	Reset	
	Export Syslog	Export	
	Firmware Upgrade	Browse	Current Firmware Version:V12.01.01.11_multi

#### Set up a login password

<b>Tend</b> a		English <del>-</del>
	Set Login Password	
-₩- Status	New Password	
<sup>ທ</sup> າ <sup>ຫ</sup> ັ Extend	Repeat New Password	
🔶 Wireless		
✿ Administration	Device Management	

- (1) Click  $\clubsuit$  Administration to enter Administration configuration page.
- (2) Type a login password in **New Password** field.
- ③ Re-type the login password in **Repeat New Password** field.
- ④ Click **OK** on the bottom of the page to save your settings.

After the settings take effect, a login password is required when you log in to the extender's web UI.



### **Reboot the extender**

Rebooting the extender will activate 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.

Device Management		
Reboot Extender	Reboot	
Reset to Factory Defaults	Reset	
Export Syslog	Export	
Firmware Upgrade	Browse	Current Firmware Version:V12.01.01.22_multi

#### To reboot the extender:

- 1) Click Administration to enter Administration configuration page.
- 2 Click **Reboot** button.
- ③ Click **OK** on the pop-up window.

re.tenda.cn says:		×	
Reboot the device?			
	ОК	Cancel	

#### **Reset the extender**

Resetting the extender clears all settings of the device. You need to set them up again.

Device Management		
Reboot Extender	Reboot	
Reset to Factory Defaults	Reset	
Export Syslog	Export	
Firmware Upgrade	Browse	Current Firmware Version:V12.01.01.22_multi

### To reset the extender:

- (1) Click  $\clubsuit$  Administration to enter Administration configuration page.
- ② Click **Reset** button.

③ Click **OK** on the pop-up window.



### Export the system log

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, you can go to this field to export your extender's syslog.

Device Management		
Reboot Extender	Reboot	
Reset to Factory Defaults	Reset	
Export Syslog	Export	
Firmware Upgrade	Browse	Current Firmware Version:V12.01.01.22_multi

#### To export the system log:

- 1) Click Administration to enter Administration configuration page.
- 2 Click **Export** button.

The steps are complete. A Text file will be downloaded to your local computer.

Name	Date modified	Туре	Size	
RouterSystem	6/14/2016 10:21 AM	Text Document	5 K	В

#### Upgrade the extender

When the device works abnormally in some circumstances, please visit <u>http://www.tendacn.com</u> to search for released software to solve this problem.

Device Management		
Reboot Extender	Reboot	
Reset to Factory Defaults	Reset	
Export Syslog	Export	
Firmware Upgrade	Browse	Current Firmware Version:V12.01.01.22_multi

#### To upgrade the extender:

- ① Go to our website <u>http://www.tendacn.com</u>, search for the extender's model **A9**, find the related firmware, download it to your computer and unzip it.
- ② Log in to the extender's web UI using a computer, click Administration on the left menu to enter Administration configuration page.
- ③ Click Browse... and select the unzipped firmware which is in the format *Firmware.bin*.
- ④ Click **Open**, and then click **OK** on the pop-up window.

re.tenda.cn says:		×
Upgrade the device?		
	ОК	Cancel

After the device completes rebooting process, you can check the software version on the **Firmware Upgrade** section to ensure it upgrades successfully.

	UpgradingPlease wait		
<mark>5%</mark>	RebootingPlease wait		
	Firmware Upgrade	Browse	Current Firmware Version:V12.01.01.22_multi

# **IV** Appendix

This appendix contains the following contents:

- <u>Troubleshooting</u>
- <u>Technical Support</u>
- <u>Configure your Computer</u>
- <u>Safety and Emission Statement</u>

# Troubleshooting

### Q1: I cannot log in to the extender's web UI, what should I do?

A1: The solutions are based on whether you have extended the WiFi network, described as below:

Before extending:

- ① Use your computer to connect to the WiFi name (SSID) on the label of the extender's rear panel;
- ② Launch a web browser, type 192.168.0.254 or re.tenda.cn into the address bar and tap Enter on the keyboard.
- ③ Ensure that your computer is set to obtain an IP address automatically (refer to <u>Configure</u> <u>Your Computer</u> for details).

After extending:

- ① Use your computer to connect to the extended WiFi name (if you customize the WiFi name of the extender, connect that);
- ② Launch a web browser, type **re.tenda.cn** into the address bar and tap **Enter** on the keyboard.
- ③ Ensure that your computer is set to obtain an IP address automatically (refer to <u>Configure</u> <u>Your Computer</u> for details).

#### Q2: What should I do if my router has no WPS button?

A2: Folow Method 1: Use Web UI to Extend your WiFi to set up the extender.

#### Q3: What should I do if I forget my login password of the extender?

A3: Restore the extender to factory default. There is no login password by default.

How to reset the extender by **Reset** button which is at the bottom of the extender:

You can use a needle-shaped object to press and hold this button for about 8 seconds until the LED indicator turns to solid red. When the LED indicator turns to blinking red, it indicates that the extender has been restored to factory default successfully.

# **Technical Support**

If you want to get more information, please contact our technical support.

United States Hotline: 1-800-570-5892	Canada Hotline: 1-888-998-8966
HongKong Hotline: 00852-81931998	Skype: Tendasz
Website: http://www.tendacn.com	E-mail: support@tenda.cn

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Appendix

If you cannot find the icon in or in on the bottom right corner of your desktop, follow steps below: Move your cursor to the top right corner of your desktop, select **Settings** > **Control Panel** > **Network and Internet** > **Network and Sharing Center**.

2 Click Open Network and Sharing Center.

	Troub	lesho	ot pr	oblen	ns	
	Open	Netw	ork a	nd Sh	naring C	enter
_		-		49	LING	1/3/2016

③ Click Change adapter settings.

昱	Network and Sharing Center – 🗆 🗙
🔄 🏵 👻 🕇 🚆 « Network ar	nd Internet   Network and Sharing Center   C Search Control Panel   P
File Edit View Tools Help	
Control Panel Home	View your basic network information and set up connections
Change adapter settings Change advanced sharing	View your active networks.
settings	Change your networking settings
	Set up a new connection or network Set up a broadband dial-up, or VPN connection; or set up a router or access point.
	Troubleshoot problems Diagnose and repair network problems, or get troubleshooting information.
See also	
HomeGroup	
Internet Options	
Windows Firewall	

④ Right click **Wi-Fi** and select **Properties**.

Appendix – 🗆 X Q. Network Connections ( ) → ↑ I wetwork and Internet → Network Connections ✓ C Search Network Connections *P* File Edit View Tools Advanced Help Connect To Disable this network device Diagnose this connection 📲 👻 🔟 🔞 Organize 🔻 » Ethernet Network cable unplugged Marvell Yukon 88E8057 PCI-E Gig... Wi-Fi Not conned 802.11n USE × Connect / Disconnect Status Diagnose Bridge Connections Create Shortcut Delete Rename ۲ Properties :== 🔛 2 items 1 item selected

(5) Find and double click Internet Protocol Version 4 (TCP/IPv4).

Wi-Fi Properties	×
Networking Sharing	
Connect using:	
802.11n USB Wireless LAN Card	
	Configure
This connection uses the following items:	
File and Printer Sharing for Microsoft Network Adapter Multiplexor Presson Microsoft LLDP Protocol Driver Microsoft LLDP Protocol Driver Link-Layer Topology Discovery Mapper I. A Link-Layer Topology Discovery Responded A Link-Layer Topology Discovery Responded Intermet Protocol Version 6 (TCP/IPv6) Intermet Protocol Version 4 (TCP/IPv4)	vorks ^ otocol / /O Driver er / /
Install Uninstall	Properties
Description Transmission Control Protocol/Internet Protocol wide area network protocol that provides comm across diverse interconnected networks.	. The default unication

(6) Select Obtain an IP address automatically and Obtain DNS server address automatically and click OK.

					A	ppe
		4 (TCD (ID 4		×		
Inte	ernet Protocol Versio	n 4 (TCP/IPv4	) Properties			
eneral	Alternate Configuration					
You can this capa for the a	get IP settings assigned auto ability. Otherwise, you need appropriate IP settings.	omatically if your i to ask your netwo	network supports ork administrator	;		
	e the following IP address: —	airy				
IP ad	dress:					
Subne	et mask:					
Defau	It gateway:					
) Ob	tain DNS server address auto	omatically				
Use	e the following DNS server ad	ldresses:				
Prefe	rred DNS server:					
Alterr	ate DNS server:					
Va	lidate settings upon exit		Advanced			
		OK	Cano	el		

 $\bigcirc$  Click **OK** on the **Wi-Fi Properties** window (see  $\bigcirc$  for the screenshot).

## Windows 7

(1) Click the icon 2 or 2 on the bottom right corner of your desktop.

**2** Click **Open Network and Sharing Center**.



### Tips

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

③ Click Change adapter settings > Wireless Network Connection > Properties.





④ Find and double click Internet Protocol Version 4(TCP/IPv4).

Wireless Network Connection 3 Properties
Networking Sharing
Connect using:
Microsoft Virtual WiFi Miniport Adapter #2
Configure
This connection uses the following items:
Client for Microsoft Networks
✓ Bloos Packet Scheduler
Image: A second se
Internet Protocol Version 6 (TCP/IPv4)
Link-Laver Topology Discovery Mapper I/O Driver
Link-Layer Topology Discovery Responder
Install Uninstall Properties
Description
Transmission Control Protocol/Internet Protocol. The default
wide area network protocol that provides communication across diverse interconnected networks
OK Cancel

(5) Select Obtain an IP address automatically and Obtain DNS server address automatically and click OK.

General Alternate Configuration					
You can get IP settings assigned aut this capability. Otherwise, you need for the appropriate IP settings.	omatica to ask	ally if y your r	your n networ	etwork : k admin	supports istrator
Obtain an IP address automatic	ally				
O Use the following IP address:					
IP address:					
Subnet mask:					
Default gateway:				1.	
Obtain DNS server address auto	omatica	ally			
OUse the following DNS server ac	dresse	s:			
Preferred DNS server:					
Alternate DNS server:					
Validate settings upon exit				Adv	anced

6 Click **OK** on the **Wireless Network Connection Properties** window (see 4) for the screenshot).

# Windows XP

① Right click **My Network Places** on your desktop and select **Properties**.



② Right click Wireless Network Connection and select Properties.

LAN or High-Spea	ed Internet
Wireless Not conne	Network Connection Acted. Firewalled
ட டி <u>802.11n</u>	Disable
Ang Local Are	View Available Wireless Networks
Connect:	Status
T Intel(R) (	Repair
	Bridge Connections
	Create Shortcut
	Delete
	Rename
	Properties

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

🕹 Wireless Network Connectio ? 🔀
General Wireless Networks Advanced
Connect using:
BO2.11n USB Wireless LAN Card Configure
This connection uses the following items:
<ul> <li>Client for Microsoft Networks</li> <li>File and Printer Sharing for Microsoft Networks</li> <li>QoS Packet Scheduler</li> <li>Internet Protocol (TCP/IP)</li> </ul>
Install Uninstall Properties
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.
<ul> <li>Show icon in notification area when connected</li> <li>Notify me when this connection has limited or no connectivity</li> </ul>
OK Cancel

(4) Select Obtain an IP address automatically and Obtain DNS server address automatically and click OK.

ieneral	Alternate Configu	ration				
You car this cap the app	n get IP settings as ability. Otherwise, j ropriate IP settings	signed autor you need to	matically if y ask your ne	our netv stwork a	vork suppo dministrato	ets r for
⊙ 0t	stain an IP address	automatical	lv .			
OU	e the following IP	address:				
IP ad	ldross;		1.1		1	
Subr	iel mask:					
Dela	ult gateway		14	14	-	
⊙ Oł	tain DNS server a	ddress autor	matically			
OUs	e the following DN	IS server ad	dresses: —			
Prefe	med DNS server				_	
Alten	nate DNS server:		1		14	
				ſ	Advanc	ed

5 Click **OK** on the **Wireless Network Connection Properties** window (see 3 for the screenshot).

# **Safety and Emission Statement**

#### **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.

**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 A9 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

#### 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 outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

FCC 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.