

# Tenda A18 Wi-Fi Range Extender Installation Guide

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***Tenda***

**Tenda A18 Wi-Fi Range Extender**



## Specifications

- **Product:** Wi-Fi Range Extender A18/A18 Pro
- **Extension Types:** Wireless Extension, AP Mode (Wired Extension)
- **Features:**
  - Supports both wireless and wired extension
  - 5G Wi-Fi recommended for better experience
  - Provides Wi-Fi coverage without Ethernet cables deployed
  - Allows wired network access for devices like set-top boxes, computers, and TVs

## Product Usage Instructions

### Wireless Extension

**Extension Type:** The extender connects to the upstream router through Wi-Fi and extends the router's Wi-Fi coverage range.

**Scenario:** Rooms requiring Wi-Fi coverage without Ethernet cables deployed.

### Features:

1. It is recommended to select 5G Wi-Fi for extension for a better experience.
2. After successful wireless extension, the dead zone will be covered by Wi-Fi, and the Ethernet port can be used for wired network access.

## **AP Mode (Wired Extension)**

The extender connects to the upstream router through an Ethernet cable and converts the router's wired network to Wi-Fi.

**Scenario:** Rooms requiring Wi-Fi coverage with Ethernet cables deployed.

### **Features:**

1. Provides high-speed and stable Wi-Fi network access for devices like smartphones, tablets, and smart devices.

## **Set Up Instructions for Wireless Extension**

1. Place the extender in the middle between the router and the wireless dead zone. Plug it into a power outlet.
2. Connect your smartphone to the extender's Wi-Fi network (Tenda\_EXT) and access the web UI by tapping "Start Now."
3. Select the Wi-Fi network you want to extend and enter the router's Wi-Fi password.
4. Change the Wi-Fi name and password of the extender if needed.
5. Follow on-screen instructions to complete the extension setup.

### **Q: How can I find the product name and model?**


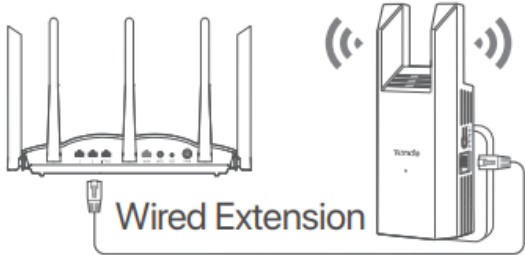
**A:** You can find the product name and model on the product label located on the back of the device.

### **Q: Can I extend both 2.4G and 5G Wi-Fi bands simultaneously?**

**A:** Yes, the extender supports dual-band extension. You can select either band to extend (5G Wi-Fi recommended), and the extender will automatically extend the other band with the same Wi-Fi password.

## **Product Introduction**

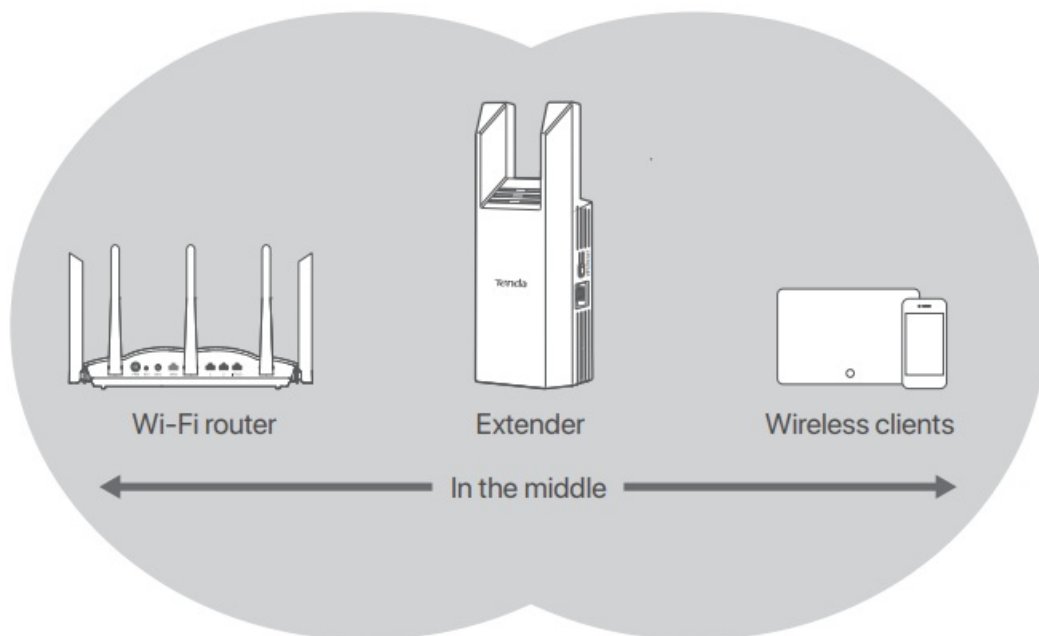
The extender supports both wireless and wired extension. If you have Ethernet cables deployed in your home, it is recommended to use the AP Mode. Otherwise, opt for the Wireless Extension. Choose the extension type as required, and refer to the following section for configuration.

	Wireless Extension	AP Mode
Extension Type	The extender connects to the upstream router through <b>Wi-Fi</b> and extends the router's Wi-Fi coverage range	The extender connects to the upstream router through an <b>Ethernet cable</b> and converts the router's wired network to Wi-Fi
Scenario	Rooms requiring Wi-Fi coverage without Ethernet cables deployed	Rooms requiring Wi-Fi coverage with Ethernet cables deployed
Features	<ol style="list-style-type: none"> <li>1. It is recommended to select 5G Wi-Fi for extension, achieving better experience</li> <li>2. After successful wireless extension, the dead zone will be covered by Wi-Fi, and the Ethernet port can be used to provide wired network access for other devices such as set-top boxes, computers, and TVs.</li> </ol>	After successful wired extension, high-speed and stable Wi-Fi network access can be provided for various wireless such as smartphones, tablets, and smart devices.
		

## Wireless Extension

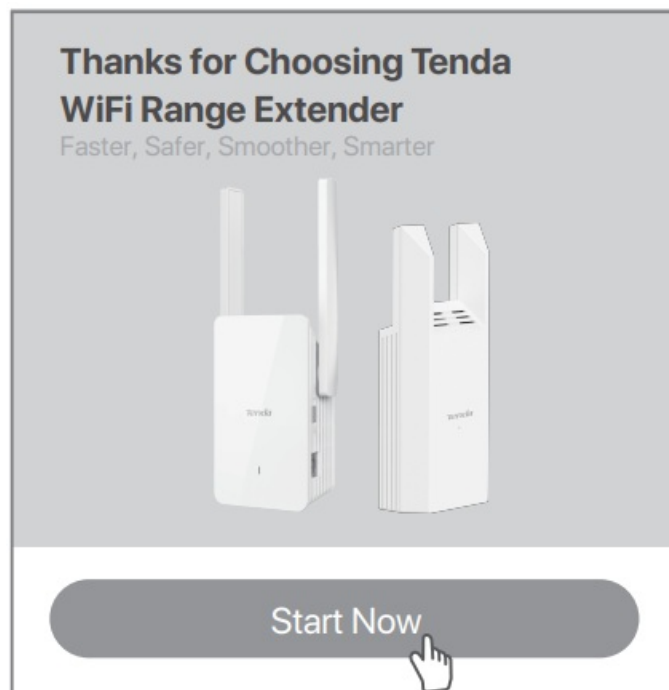
### Select the extender location

Place the extender in the middle between the router and the wireless dead zone (As far as possible to reduce the obstacle between the extender and the router, ensure that the smartphone is connected to the router's Wi-Fi and access the internet smoothly), then plug the extender into a power outlet, and the system will start up when the indicator blinks green.



## Set Up the Extender

1. Connect the smartphone to the Wi-Fi network of the extender: Tenda\_EXT. When the web UI of the extender is displayed automatically, tap Start **Now**.



### Tips

- If the above page does not appear, start a web browser, and access [re.tenda.cn](http://re.tenda.cn) in the address bar to log in to the web UI. If you are configuring through the smartphone, disable your mobile data traffic and try to log in.
  - If your smartphone displays the prompt "Current Wi-Fi is not available, continue using this Wi-Fi?". Please continue using this Wi-Fi.
2. Select the Wi-Fi you want to **extend**.

<

Wireless Extension

Your working mode has been detected as:

Wireless Extension

Switch

Select the Wi-Fi to be extended

Recommended to select

5 GHz Wi-Fi

Tenda\_XXXXXX

5G/2.4G

## Tips

The extender supports dual-band extension. If the upstream router offers dual-band Wi-Fi, you can select either band to extend (5G Wi-Fi recommended), and the extender will automatically extend the other band with the same Wi-Fi password.

3. Enter the Wi-Fi password of the router, and tap Next.

<

Wireless Extension

Upstream WiFi Name

Tenda\_XXXXXX

Upstream WiFi Password

••••••••

Cancel

Next

4. Change the Wi-Fi name and Wi-Fi password of the extender as required, and tap Next.

Wireless Extension

\* Configure the extender network, tap Next if no changes are required

Add New Wi-Fi

Use upstream Wi-Fi name/password

Extender 2.4 GHz Wi-Fi Name

Tenda\_XXXXXX\_EXT

Extender 5 GHz Wi-Fi Name

Tenda\_XXXXXX\_5G\_EXT

Extender Wi-Fi Password

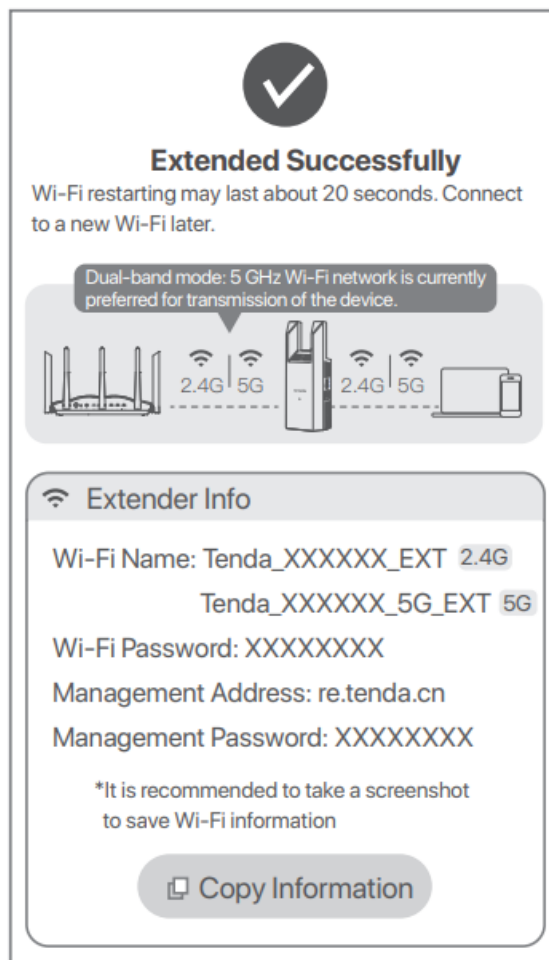
XXXXXXXX

Set Wi-Fi password to the management password

Cancel

Next

The extension is completed. Follow the onscreen instructions.



## Method 2: Through Tenda WiFi App

1. Download the Tenda WiFi App onto your mobile device by scanning the QR code or searching for Tenda WiFi in the Google Play or App Store.

### Tips

If already installed the Tenda WiFi App, ensure that the App is the latest version.



QR code

Or



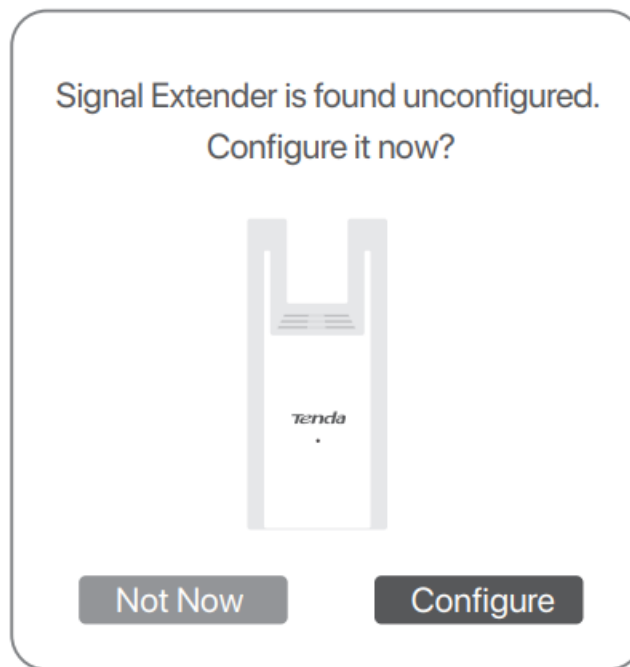
2. Connect the smartphone to the Wi-Fi network of the extender: Tenda\_EXT.

### Tips

If your smartphone displays the prompt "Current Wi-Fi is not available, continue using this Wi-Fi?". Please continue using this Wi-Fi.

3. The App will automatically discover the extender, follow the onscreen instructions to set the extender. When the indicator of the extender turns solid on, the extension is successful.



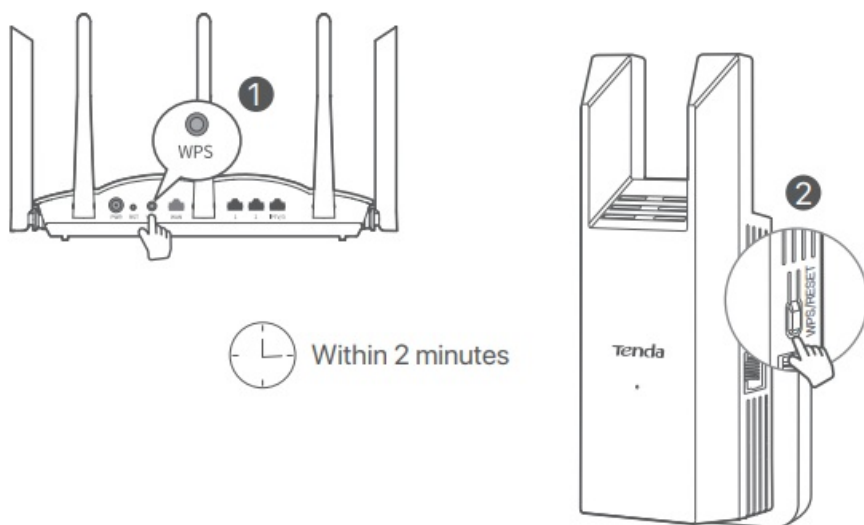


### Method 3: Through WPS Button

#### TIPS

- Ensure that the encryption used by the router's Wi-Fi includes WPA-PSK or WPA2-PSK.
- The WPS design may differ with different manufacturers. If this method fails, use another method to configure.
  1. Press the WPS button of the router for about 1 to 3 seconds to enable its WPS function.
  2. Within 2 minutes, press the WPS button on the extender for about 1 to 3 seconds, and its indicator blinks green fast.

When the indicator lights solid on, the setup is successful. The extender's Wi-Fi name is "Upstream router Wi-Fi name \_EXT (or 5G\_EXT)," and the Wi-Fi password is the same as the upstream router.



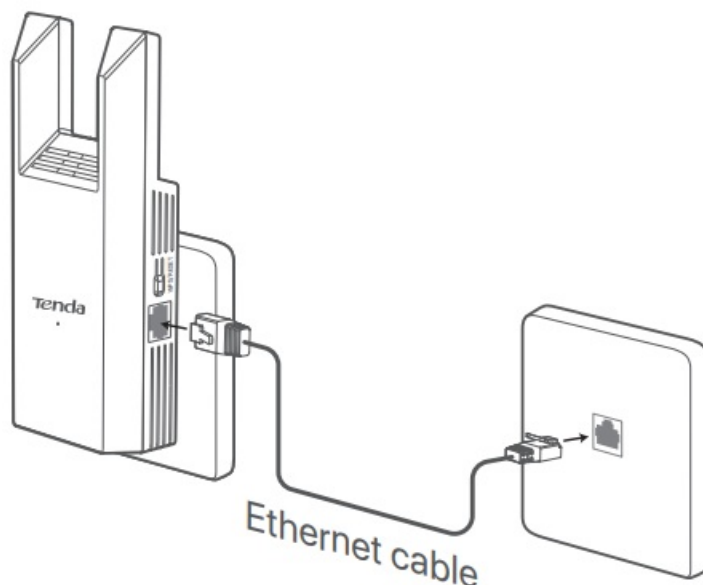
### AP Mode

1. Ensure that the Ethernet cable has been deployed in the place that needs Wi-Fi coverage and can access the internet normally. Connect the Ethernet cable to the Ethernet port of the extender, and plug the extender into

the power socket. The indicator changes from blinks green to solid on to indicate successful extension.

### Tips





If the deployed Ethernet cable is for wiring in the wall, prepare the Ethernet cable by yourself.



2. Connect the smartphone to the Wi-Fi network of the extender: Tenda\_EXT. When the web UI of the extender is displayed automatically, tap Start Now.

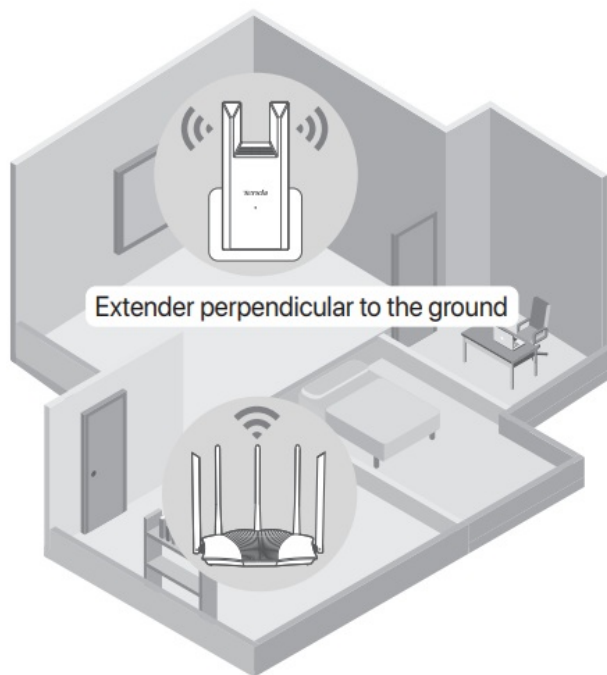
### TIPS

- If the smartphone does not automatically redirect to the extender's web UI, start a web browser, and access [re.tenda.cn](http://re.tenda.cn) in the address bar to log in to the web UI. If you are configuring through the smartphone, disable your mobile data traffic and try to log in.
  - If your smartphone displays the prompt "Current Wi-Fi is not available, continue using this Wi-Fi?". Please continue using this Wi-Fi.
3. Set the Wi-Fi name, Wi-Fi password and login password of the extender as required, and tap Next.

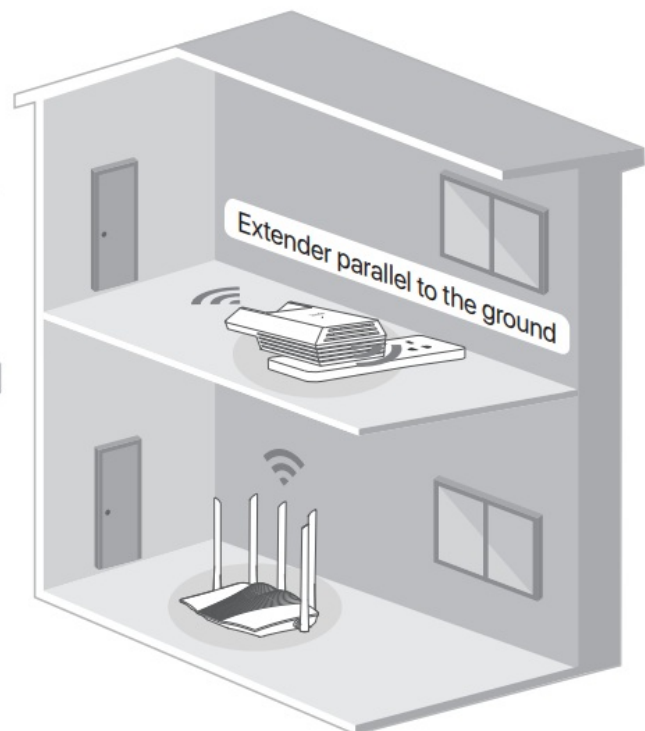
 <b>Wired Extension</b>	
<input checked="" type="checkbox"/>	Your working mode has been detected as: Wireless Extension <span style="float: right;">Switch</span>
Unify 2.4 GHz & 5GHz <span style="float: right;"><input type="checkbox"/></span>	
Extender 2.4 GHz Wi-Fi Name Tenda_EXT <span style="float: right;"></span>	
Extender 5 GHz Wi-Fi Name Tenda_5G_EXT <span style="float: right;"></span>	
Extender Wi-Fi Password Please enter	
<input checked="" type="checkbox"/>	Set Wi-Fi password to the management password Management Password Please enter
<div style="display: flex; justify-content: space-around;"><span>Cancel</span><span>Next </span></div>	

## Extender installation recommendations

### Large flat floor network coverage



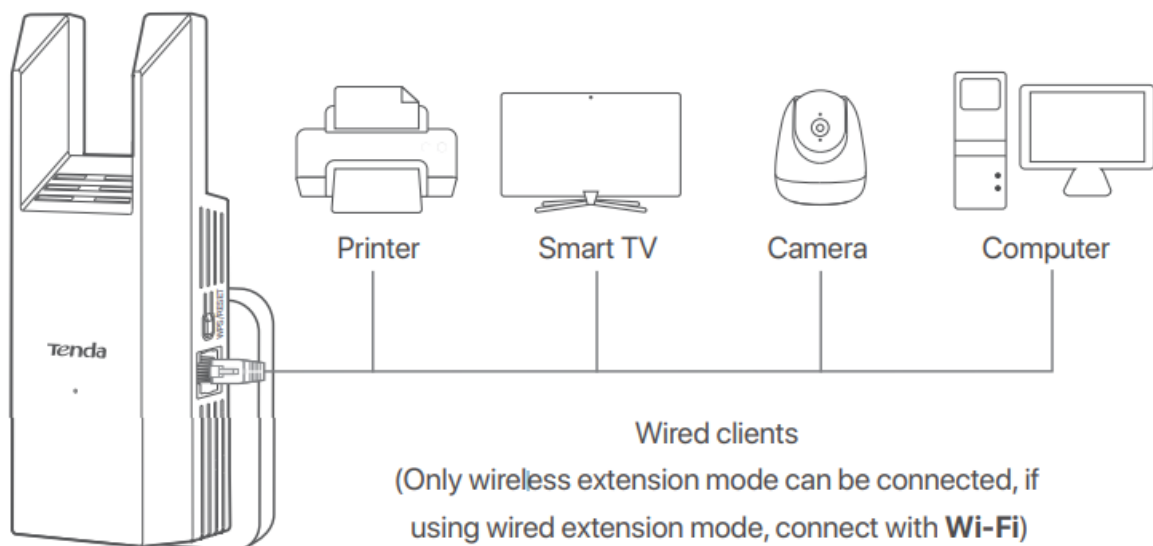
### Cross-floor network coverage



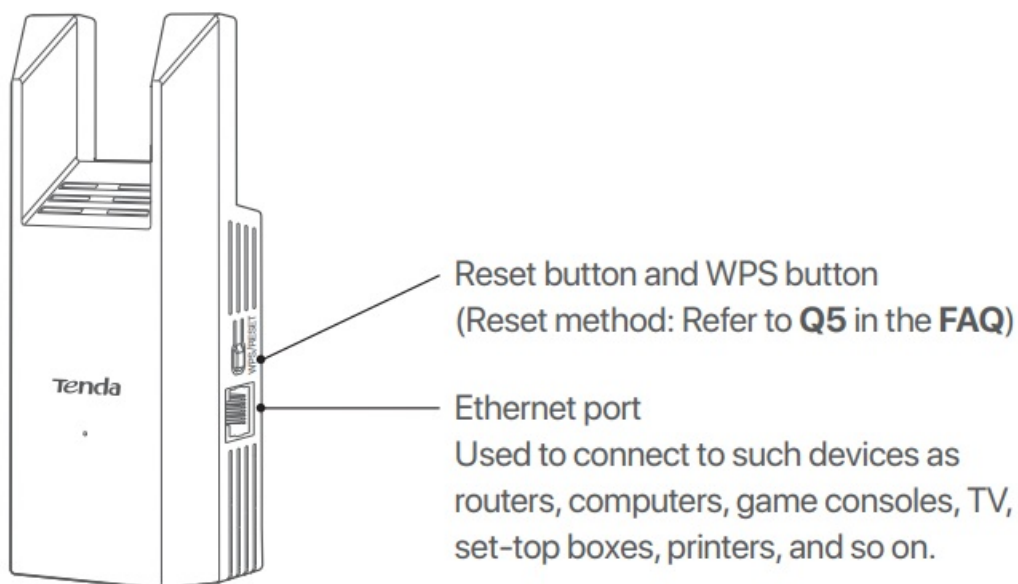
## Connect Clients to the Internet

- **Wi-Fi Name:** Wi-Fi name you set, Tenda\_EXT (Or 5G\_EXT), router's Wi-Fi name\_EXT (or 5G\_EXT), or the same as the router
- **Wi-Fi Password:** Wi-Fi password you set or same as the router





## Appearance



Scenario	Status	Description
Network extension	Solid on	Extension success – Green: Proper position. – Yellow: Fair position. Move the extender closer to the router. – Red: Too far from the router.
	Blinking green fast	WPS extension
	Blinking red slowly	Failed to extend (Check whether the Wi-Fi name/password of the upstream router is correct or place the extender close to the router)
Start up	Solid green for 15 seconds	Power on and starting up
	Blinking green slowly	Startup complete
Internet connection	Blinking yellow slowly	Failed to connect to the internet (Check whether the upstream router can access the internet normally)
Reset	Blinking yellow fast	Restoring the extender to factory settings

## Safety Precautions

Before operating, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, the installation and maintenance personnel need to understand the basic safety precautions to be taken.

- Do not use the device in a place where wireless devices are not allowed.
- Clean only with dry cloth.
- Do not block any ventilation openings, such as newspapers, tablecloths, curtains.
- To avoid electrical shocks, do not insert any object into the ventilation openings.
- Unplug this device during lightning storms or when unused for long periods of time.
- The mains plug is used as the disconnect device, which shall remain readily operable.
- The power socket shall be installed near the device and easily accessible.
- Operating environment: Temperature: 0°C – 40°C (32°F – 104°F);
  - Humidity: (10% – 90%) RH, non-condensing; Storage environment:
  - Temperature: -40°C – 70°C (-40°F – 158°F); Humidity: (5% – 90%) RH, non-condensing.
- If such phenomena as smoke, abnormal sound or smell appear when you use the device, immediately stop using it and disconnect its power supply, and contact the after-sales service personnel.

**Warning:** To reduce the risk of electric shock, do not remove cover as there are no user-serviceable parts inside. Refer servicing to qualified personnel.

- Refer all servicing to qualified service personnel.
- Disconnect the power source during servicing.

- Keep this device out of reach of children to prevent children from using it as a toy and causing personal injury.
- Keep the device away from water, fire, high electric field, high magnetic field, and inflammable and explosive items.

For the latest safety precautions, see Safety and Regulatory Information on [www.tendacn.com](http://www.tendacn.com).

## FAQ

How can I find the product name and model?

You can find the product name and model on the product label located on the back of the device.

Can I extend both 2.4G and 5G Wi-Fi bands simultaneously?

Yes, the extender supports dual-band extension. You can select either band to extend (5G Wi-Fi recommended), and the extender will automatically extend the other band with the same Wi-Fi password.

My extender cannot find the Wi-Fi network of my router. What should I do?

Try the following solutions Ensure that your smartphone is near the extender and can search and connect to the Wi-Fi network of the router. Change the channel of your router, and try again. Change the encryption type of the router to WPA-PSK or WPA2-PSK, and try again.

I cannot find the Wi-Fi name of the extender after extending network successfully the indicator is solid on. What should I do?

The possible reason is that you did not customize the extender Wi-Fi name when extending the network. In this case, the Wi-Fi name of the extender is the same as the upstream router or \_EXT or 5G\_EXT of the upstream router Wi-Fi name after the extension is successful.

After the wireless extension is successful (the indicator is solid on), the network speed through the extender is slower than when directly connected to the router. What should I do?

The network speed may decrease during wireless extension due to upstream signal attenuation, but this is a normal phenomenon that does not affect normal use. To maximize the extension effect, ensure that the extender indicator is solid green, and reduce the obstacles between the extender and the router. If an Ethernet cable has been deployed at home, a wired extension is recommended.

How to reset the extender?

When the extender completes startup, press the RESET button for about 8 seconds. When the indicator blinks yellow fast, the extender is restored to factory settings.

## 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 a minimum distance 20cm between the device and 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 device (Extender) is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address: <https://www.tendacn.com/download/list-9.html>

Operating Frequency/Max Output Power

2412MHz-2472MHz/20dBm

5150MHz-5250MHz(indoor use only)/23dBm

	AT	BE	BG	CH	CY	CZ	DE	DK	EE	EL	ES	FI	FR	HR	HU	IE
	IS	IT	LI	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	UK(NI)

	UK

**Attention:** In EU member states, EFTA countries, Northern Ireland and Great Britain, the operation in the frequency range 5150 MHz – 5250 MHz is only permitted indoors.

## FCC Statement

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 or more 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.

The device is for indoor usage only.

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.

#### 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 transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.


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

#### Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Operating frequency: 2412-2462MHz, 5150-5250MHz, 5725-5850MHz

**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.

Producto	NOMBRE DEL PRODUCTO: Repetidor WiFi de banda dupla MODELO: A18 Pro/A18	
Alimentador de Energía: Alimentación: 100V - 240V ca 50Hz/60Hz, 0.4A Salida: 12V cc 1A		
PAIS DE ORIGEN: CHINA		

#### IC

CAN ICES-3 (B) / NMB-3 (B)

#### Canadian Compliance Statement

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

#### ISED Radiation Exposure Statement:

The equipment complies with ISED RF radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

Operation of 5150-5250MHz is restricted to indoor use only.





## 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.

## Technical Support

Shenzhen Tenda Technology Co., Ltd.

Floor 6-8, Tower E3, No.1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

Website: [www.tendacn.com](http://www.tendacn.com)

E-mail: [support@tenda.com.cn](mailto:support@tenda.com.cn)

[support.us@tenda.cn](mailto:support.us@tenda.cn) (North America) [support.uk@tenda.cn](mailto:support.uk@tenda.cn) (United Kingdom)



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## Keep for future reference

Scan the QR code or visit [www.tendacn.com](http://www.tendacn.com) for installation videos, technical specifications, user guides and more information.

You can see the product name and model on the product label.

The label can be found on the back of the device.



A18 Pro is used for illustrations here unless otherwise specified. The actual product prevails.

## Documents / Resources



## [Tenda A18 Wi-Fi Range Extender](#) [pdf] Installation Guide

A18, A18 Wi-Fi Range Extender, Wi-Fi Range Extender, Range Extender, Extender

## References

- [User Manual](#)

### [Manuals+](#). [Privacy Policy](#)

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