



# Shenzhen Urant Technology AC1200M WiFi Range Extender Repeater Router User Guide

January 23, 2022January 29, 2022

[Home](#) » [Shenzhen Urant Technology](#) » Shenzhen Urant Technology AC1200M WiFi Range Extender Repeater Router User Guide 

## Contents [ [hide](#) ]

- 1 Quick Installation Guide**
  - 1.1 **Applicable Model: AC1200M**
  - 1.2 **1. Product Overview**
  - 1.3 **2. Appearance**
  - 1.4 **3. LED Explanation**
  - 1.5 **4. Port and Button Description**
- 2 Repeater Mode**
  - 2.1 **[1] Power On**
  - 2.2 **[2] Set Up**
- 3 Router Mode**
  - 3.1 **[1] Connect the Hardware**
  - 3.2 **[2] Connect to the repeater**
- 4 AP Mode**
  - 4.1 **[1] Connect the Hardware**
  - 4.2 **[2] Connect to the repeater**
  - 4.3 **Frequently Asked Questions(FAQ)**
- 5 Documents / Resources**
  - 5.1 **Related Manuals / Resources**

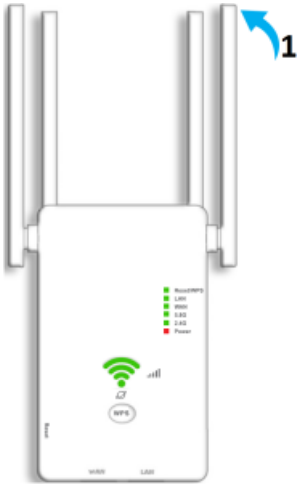
## Quick Installation Guide

Applicable Model: AC1200M

### 1. Product Overview

The Urant Wireless Router is connected to your router wirelessly, strengthening its signal and expanding its coverage into areas that could not otherwise be reached. The device also reduces signal interference to ensure reliable Wi-Fi coverage throughout your home or office. Easy Installation & Quick Position. The extender works with any standard wireless router. Follow the Quick Setup instructions on the extender's web management page. Once the extender is connected to a router, you can relocate it to your preferred location with no further configuration required. The intelligent signal light can help to find the best location.

## 2. Appearance

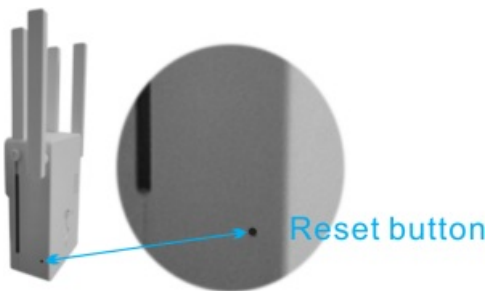


### 1 Antennas

Used for wireless operation and data transmit.  
Upright them for the best Wi-Fi performance.

#### Tips:

1. If this is not the first time setting, please press and hold the RESET button inside the tiny hole for 8 seconds and wait for the WiFi signal function to recover before reset.
2. Successfully set the repeater mode next to the router, and then try to move the repeater to another reasonable position, and the model behind the repeater is stronger.
3. If you need to reset the 1200M Wireless Repeater, you need to press and hold the reset button inside the tiny hole for 8 seconds.



## 3. LED Explanation

You can check the Wireless Router's working status by following the LED Explanation table.

Name	Status	Indication
Power	On/Off	The Wireless Router is on or off
2.4G	Blinking	The Wireless Router's 2.4G wireless function is enabled
5.8G	Blinking	The Wireless Router's 5G wireless function is enabled
WAN	Blinking/off	The WAN port is connected or not connected to a powered-on device.
LAN	Blinking/off	The LAN port is connected or not connected to a powered-on device.

Blinking WPS connection is in progress.



ON WPS connection is established.

OFF WPS connection has been established for more than 5 minutes or WPS connection failed.



(Signal Strength)

On Indicates the Wi-Fi connection between the Wireless Router and the router. More lit LEDs indicate a better signal strength (**only valid in WISP mode**)



Blinking/off The Wireless Router is connected or not connected to the Internet.

#### 4. Port and Button Description

Name

WPS

WPS connection

RESET Button

With the wireless router powered on, use a pin to press the RESET button for 8 second. The wireless router will reboot.

WAN Port

For connecting to a DSL/Cable modem, or an Ethernet jack.

LAN Port

For connecting your PC or other wired devices to the router.

## Repeater Mode

### [1] Power On

Plug the Repeater into an electrical outlet next to your host router, and then wait until the 2.4G wireless and 5.8G wireless LED is on.

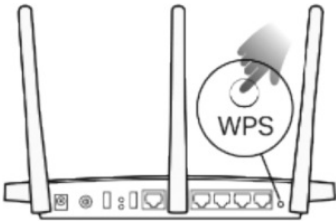


1. Solid on

### [2] Set Up

#### Method 1: Via the WPS Button

1. Press the WPS button on your router.

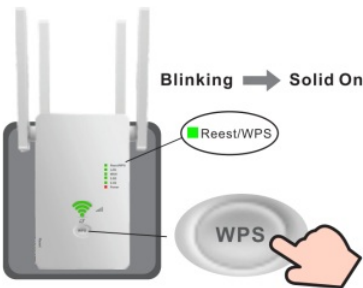


The WPS button might look like one of these:



2. Within 2 minutes, press the WPS button on the extender for 1 second. The WPS/LED should change from blinking to solid on and the repeater restarts, indicating successful.

Note: If the LED does not Blinking, try again or use Method 2



### Extended Network Names:

Router's network name with EXT at the end

### Passwords:

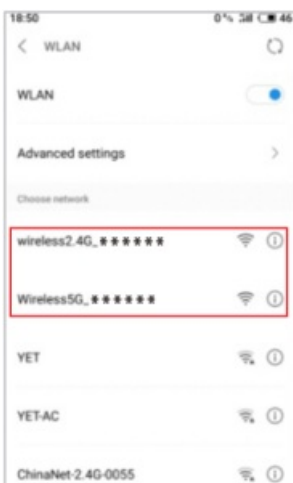
Same as your router

Note: If you cannot find the network names with \_EXT in your Wi-Fi network list, try again or use Method 2

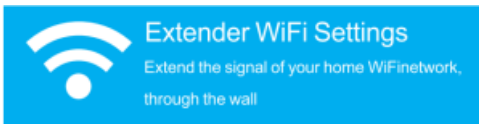
### Method 2: Via a Web Browser

#### Connect to the repeater For phone Users

- 1) Find the SSID(Network Name) and Wireless Password printed on the label at the bottom of the router.
- 2) Connect your smartphone to the extender's network.



2: Launch a web browser, and enter <http://192.168.168.1> in the address bar Enter the login password admin, and click **Login**.



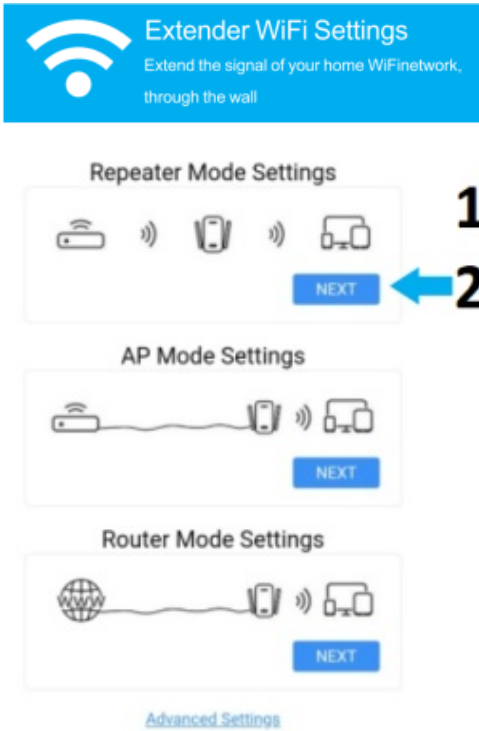
**User Login**

Login Password:  login password admin

Language:

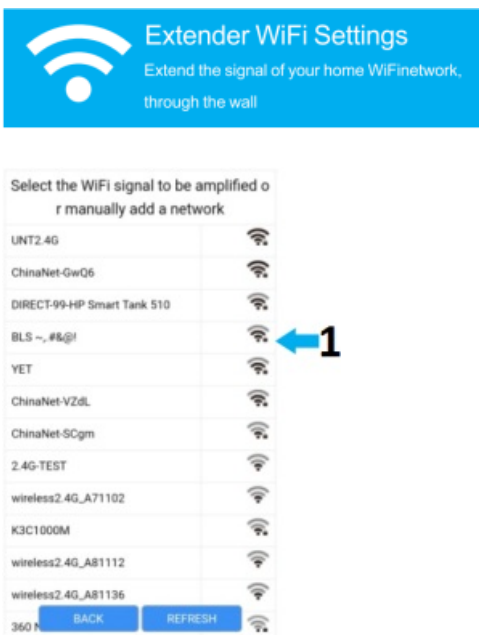
Urant© service@sz-urant.com

### 3: Select Repeater Mode

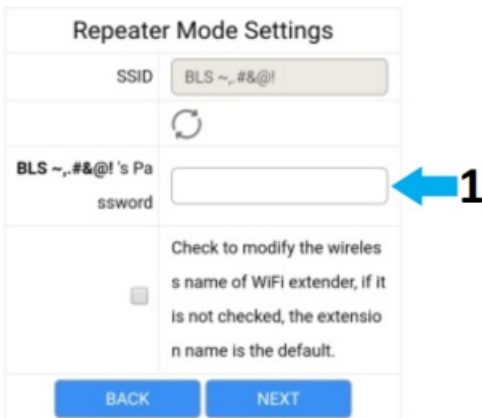
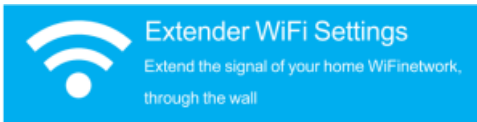


1. Select Repeater mode
2. Click next


### 4: Select your host router's 2.4GHz SSID or 5GHz SSID (network name)



## 1. Select host network

A screenshot of a web interface titled "Repeater Mode Settings". It contains several input fields: "SSID" with the value "BLS ~.,#&@!"; a refresh icon; a password field labeled "BLS ~.,#&@!'s Password" with a blue arrow and the number "1" pointing to it; a checkbox for "Check to modify the wireless name of WiFi extender, if it is not checked, the extension name is the default."; and two buttons at the bottom: "BACK" and "NEXT".

## 1. Enter your Host router's the password

Click  and follow the prompts on the page to complete the Router mode configuration

**5:** Connect to the extended network and enjoy Internet. The extended network shares the same wireless password as that of your host network, but may have different network name if you have customized the SSID during the configuration.

Note: Since the performance of the extended network will be affected by the distance between extender and host router, we highly recommend you to relocate your extender referring to **Position Your Extender**



## 8: Position Your Extender

**Please follow the instructions below to achieve optimal performance of the extender.**

1. Plug the extender into an electrical outlet between your host router and the Wi-Fi "dead" zone. The location you choose must be within the range of your existing host network.
2. Wait until the LEDs are lit. Make sure the extender is in a location with 2 or more LEDs lit. If not, relocate it closer to the router to achieve better signal quality.



1. Best
2. Good  $\geq 2$  LEDs lit on
3. Slow/unstable
4. On The wireless Router is connected to the Internet

Tips: To minimize signal interference, please choose a location which is far away from Bluetooth devices and other household electronic devices, such as cordless phones, microwave ovens and baby monitors

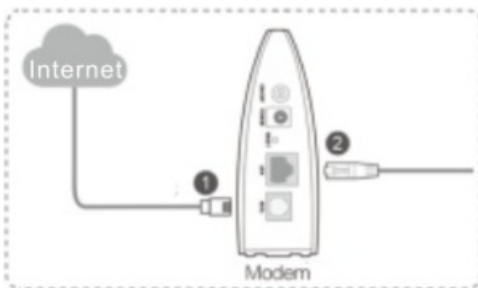
## Router Mode

### [1] Connect the Hardware

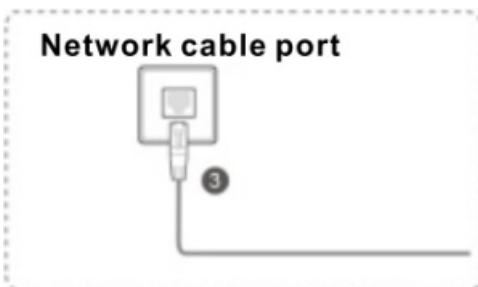
If your Internet connection is through a DSL / Cable modem, follow steps 1, 2 and 4 to complete the hardware connections.

If your Internet connection is through an Ethernet cable from the wall, follow steps 3 and 4 to complete the hardware connection.

### Through a DSL / Cable modem

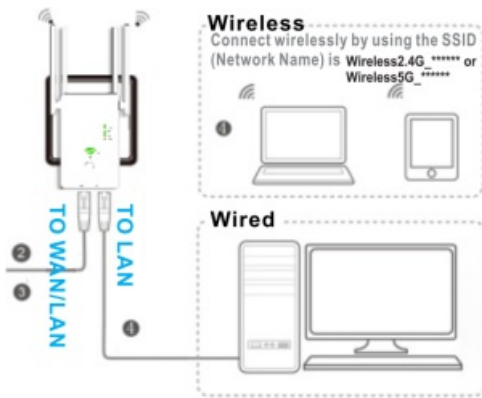


### Through an Ethernet cable from the wall



**Connect your computer to the router  
(Wired or Wireless)**





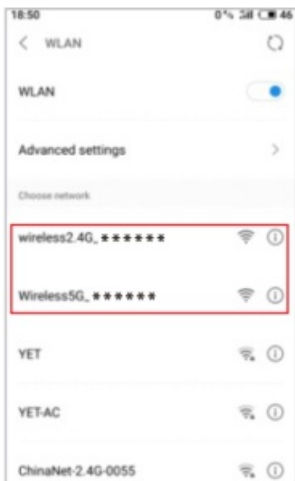
**Note: If you don't use the network cable.**

**Please search the "Wireless2.4G\_\*\*\*\*\* or Wireless5G\_\*\*\*\*\*" wireless signal and connect with it**

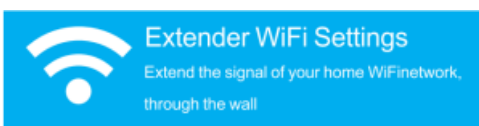
[2] Connect to the repeater

### For phone Users

- 1: 1) Find the SSID(Network Name)and Wireless Password printed on the label at the bottom of the router.
- 2) Connect your smartphone to the extender's network.



**2:** Launch a web browser, and enter <http://192.168.168.1> in the address bar. Enter the login password admin, and click **Login**.



**User Login**

Login Password:

Language: English

Urant© service@sz-urant.com

login password  
admin

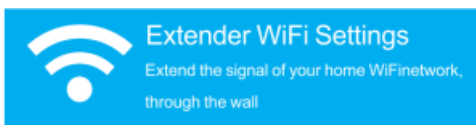
### 3: Select Router Mode





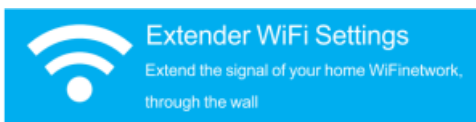
1. Select Router mode Click next

4: You can modify the settings according to the service information provided by your ISP



The 'Router Mode Settings' form contains the following fields and buttons:

- Internet Type:** A dropdown menu currently showing 'Dynamic IP(Auto)'.
- 2G SSID:** A text input field containing 'wireless2.4G\_000006'.
- 5G SSID:** A text input field containing 'Wireless5G\_000006'.
- WiFi Password:** An empty text input field.
- Buttons:** 'BACK' and 'NEXT' buttons at the bottom.



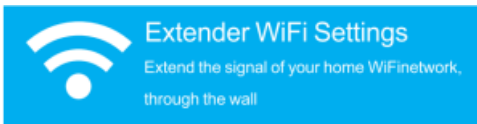
The 'Router Mode Settings' form is shown with the 'Internet Type' dropdown menu open. The options are:

- Dynamic IP(Auto):** Selected with a blue radio button.
- Static IP:** Unselected with a white radio button.
- PPPoE (ADSL dialing):** Unselected with a white radio button.

The other fields (2G SSID, 5G SSID, WiFi Password) and buttons (BACK, NEXT) remain the same as in the previous form.

Select your internet connection type from the drop-down list

(1) If you choose Dynamic IP, Dynamic IP users are usually equipped with a cable TV or fiber cable.



Router Mode Settings	
Internet Type	Dynamic IP(Auto)
2G SSID	wireless2.4G_000006
5G SSID	Wireless5G_000006
WiFi Password	

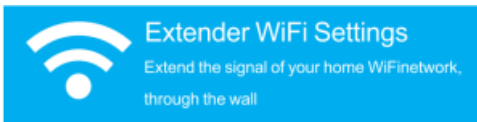
← 1

BACK NEXT

1. Either keep the SSID and Password or customize it for the extended

Click **NEXT** and follow the prompts on the page to complete the Router mode configuration

**(2) If you choose Static IP, enter the information provided by your ISP in the corresponding fields.**



Router Mode Settings	
Internet Type	Static IP
IP Address	
Subnet Mask	
Gateway	
Preferred DNS	
Alternative DNS(Optional)	
2G SSID	wireless2.4G_000006
5G SSID	Wireless5G_000006
WiFi Password	

← 1

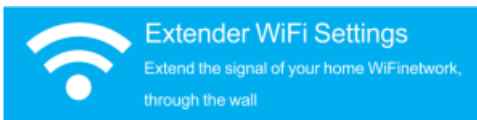
← 2

BACK NEXT

1. Enter the information provided by your ISP, in the corresponding fields
2. Either keep the SSID and Password or customize it for the extended

Click **NEXT** and follow the prompts on the page to complete the Router mode configuration

**(3) If you choose PPPoE, enter the username and password provided by your ISP. PPPoE users usually have DSL cable modems.**



Router Mode Settings	
Internet Type	PPPoE (ADSL dialing)
PPPoE Account	<input type="text"/>
PPPoE Password	<input type="password"/>
2G SSID	wireless2.4G_000006
5G SSID	Wireless5G_000006
WiFi Password	<input type="password"/>
<input type="button" value="BACK"/> <input type="button" value="NEXT"/>	

1. Enter the username and password by your ISP.
2. Either keep the SSID and Password or customize it for the extended

Click  and follow the prompts on the page to complete the Router mode configuration

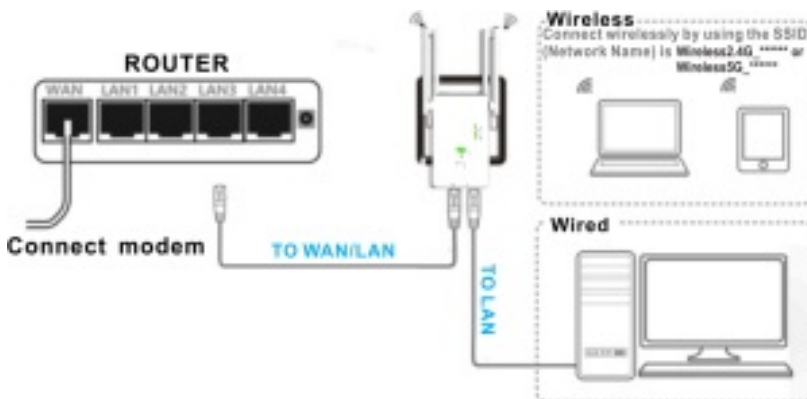
## Enjoy!

Connect to the Extended networks (default SSID and password) and enjoy internet. but may have different network name and password, if you have customized them during the configuration.

## AP Mode

### [1] Connect the Hardware

Connect your computer to the router (Wired or Wireless)



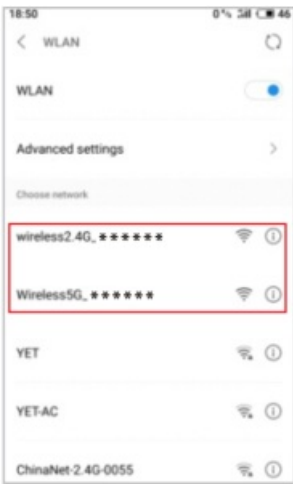
**Note: If you don't use the network cable.**

**Please search the "Wireless2.4G\_\*\*\*\*\* or Wireless5G\_\*\*\*\*\*" wireless signal and connect with it**

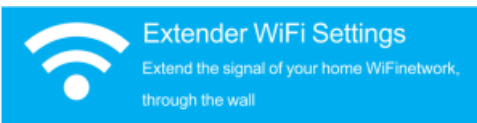
### [2] Connect to the repeater

#### For phone Users

- 1) Find the SSID (Network Name) and Wireless Password printed on the label at the bottom of the router.
- 2) Connect your smartphone to the extender's network.



2: Launch a web browser, and enter <http://192.168.168.1> in the address bar. Enter the login password admin, and click **Login**.



**User Login**

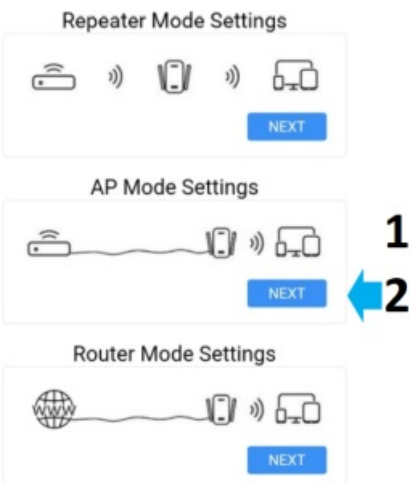
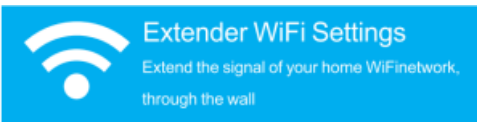
Login Password:  login password  
admin

Language:

**LOGIN**

Urant© service@sz-urant.com


3: Select **AP Mode**



1. Select AP mode
2. Click next



AP Mode Settings	
2G SSID	wireless2.4G_000006
5G SSID	Wireless5G_000006
WiFi Password	
<div style="display: flex; justify-content: space-around;"> <span>BACK</span> <span>NEXT</span> </div>	



1. Either keep the SSID and Password or customize it for the extended

Click NEXT and follow the prompts on the page to complete the AP mode configuration

### Enjoy!

Connect to the Extended networks (default SSID and password) and enjoy internet. but may have different network name and password, if you have customized them during the configuration.

### Frequently Asked Questions(FAQ)

#### Q1. What can I do if the login window does not appear?

- If the computer is set to a static or fixed IP address, change the setting to obtain an IP address automatically.
- Verify if <http://192.168.168.1> is correctly entered I in the web browser.
- Make sure your computer is connected to the Mini Router's network.
- Use another web browser and try again.
- Reboot your router and try again.
- Disable the network adapter used currently and then enable it again.

#### Q2. What can I do if I cannot access the Internet?

- Check if the internet is working properly by connecting a computer directly to the modem via Ethernet cable. If not, connect your internet provider.
- Reboot your router and try again.

#### Q3 How do I restore the router to its factory default setting?

- While the router is powered on, press and hold the reset button on the rear panel of the router for approximately 5 seconds.

#### Q4. Why set the repeater mode is unsuccessfully?

- You may have typed in the router's wireless password incorrectly, please log in and check the wireless password.
- The Mini router may be out of range, please move it closer to the router.
- Please reset the Mini Router and go through the configuration again.

**A.** If you need reset the extender. You need press and hold the reset button inside the tiny hole for 10 seconds.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** 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.

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.

FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons.

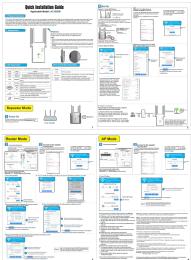
Working temperature and voltage shall be specified in the user manual.

**Example:** Working temperature: 0°C to 50°C

Working voltage: 12V ± 10%

**The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.**

## Documents / Resources



[Shenzhen Urant Technology AC1200M WiFi Range Extender Repeater Router](#) [pdf] User Guide  
1200M, 2A2F41200M, AC1200M, WiFi Range Extender Repeater Router

## Related Manuals / Resources



[Shenzhen Apeman Innovations Technology VB420 Smart Camera User Guide](#)

Shenzhen Apeman Innovations Technology VB420 Smart Camera Product introduction Packing list YI IOT Smart Camera x 1 Manual...



[Shenzhen Jingwah Information Technology W113P Tablet PC Instructions](#)

Shenzhen Jingwah Information Technology W113P Tablet PC Cast screen Show your tablet's screen on devices with Miracast Wireless...

[Shenzhen Welldy Technology Pall Power Mini Bluetooth Speaker User Manual](#)

Pall Power Mini Bluetooth Speaker



[NetVIP WiFi Repeater Extender 519 User Manual](#)

NetVIP WiFi Repeater Extender 519 User Manual 24h Tech Support: awanka@163.com 2 Working Modes; (Select based on your...

[Manuals+](#),

- home

- [home](#)
- [privacy](#)