

WAVLINK



see the world

AC1200 Dual Band Full Gigabit WiFi Router

Model: QUANTUM-DAG

@WavlinkOfficial

@WavlinkTechSupport

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About This Guide

This guide is a complement to Quick Installation Guide. The Quick Installation Guide provides instructions for quick internet setup, while this guide contains details of each function and demonstrates how to configure them.

When using this guide, please notice that features of the router may vary slightly depending on the model and software version you have, and on your location, language, and internet service provider. All screenshots, images, parameters and descriptions documented in this guide are used for demonstration only.

Conventions

In this guide the following conventions are used :

Convention	Description
<u>Underlined</u>	Underlined words or phrases are hyperlinks. You can click to redirect to a website or a specific section.
Teal	The content and text that needs to be emphasized on the web page is the theme color <code>#1D428A</code> , including menus, items, buttons, etc.
>	The menu structures to show the path to load the corresponding page. For example, More > Network > Mode Selection means the Mode Selection function page is under the Network menu that is located in the More tab.
Note:	Do not ignore this type of comment, it is to remind you to better use the device, to avoid the operation of the error that will cause the function to be invalid.
Tips:	Indicates important information that helps you make better use of your device.

More Info

The latest software, management app and utility are available from the Download Center at <https://docs.wavlink.xyz/Firmware/> .

A quick installation guide can be found in this guide.

Specifications can be found on the product page at <https://docs.wavlink.xyz/>.

If you encounter any issues, please don't hesitate to email contact@wavlink.com to provide feedbacks or contact online customer service, thank you !

Speed/Coverage Disclaimer

*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) client limitations, including rated performance, location, connection, quality, and client condition.

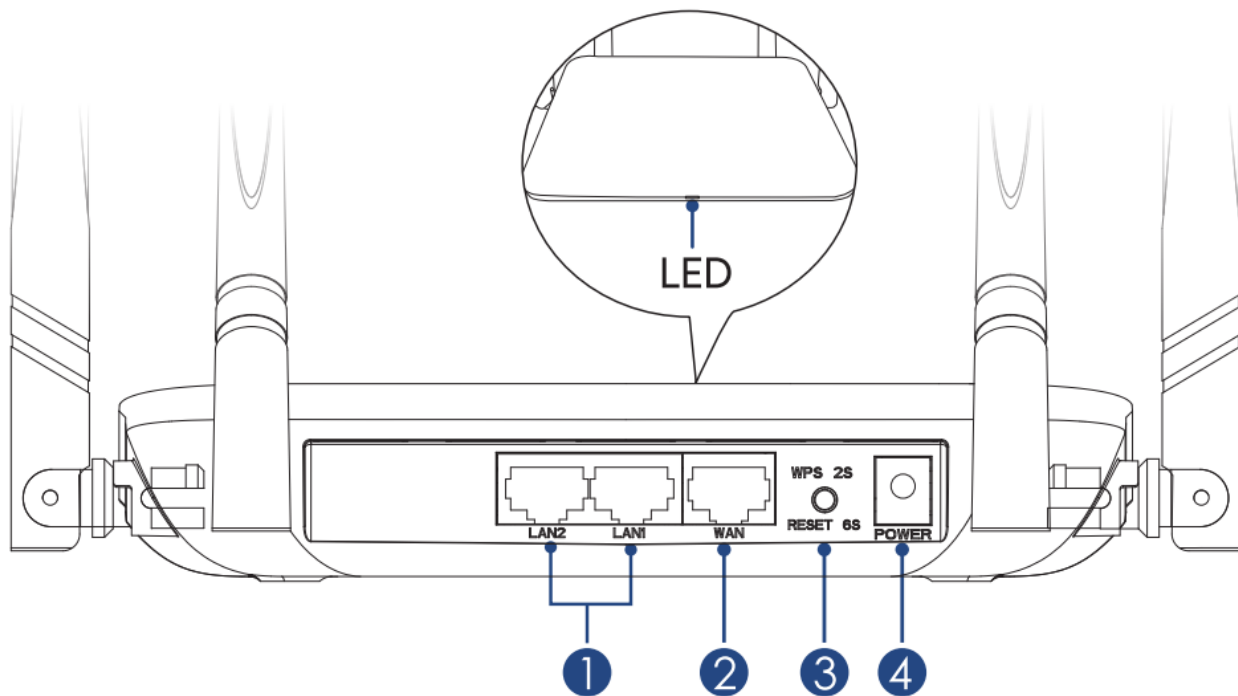
Chapter 1 Product Overview

This chapter introduces what the router can do and shows its appearance.

It contains the following sections :

- [Overview](#)
- [LED Indicator](#)
- [Basic Info](#)

Overview



LED Indicator

Mode	LED Status	Description
Router Mode	Solid on	The Internet connected
	Slow blinking	No Internet connected
Repeater Mode	Solid on	The Internet connected
	Slow blinking	Upper router connected but the Internet disconnected
AP Mode	Solid on	Upper router connected
	Slow blinking	The device has been connected or disconnected

Note:

- Press the reset button for more than 6 seconds then the light is solid on.
- Press WPS button for 2-5 seconds, then the light is slowly blinking. The device connects your phone via WPS.

Basic Info

- Default IP: 192.168.20.1
- Login: <http://wavlogin.link>
- 2.4G SSID: WAVLINK-N_XXXX
- 5G SSID: WAVLINK-AC_XXXX
- Official Website: www.wavlink.com
- Technical Support: support@wavlink.com

Chapter 2 Installion, Configuraion & Update

This chapter introduces the hardware installation, network configuration, and software update.

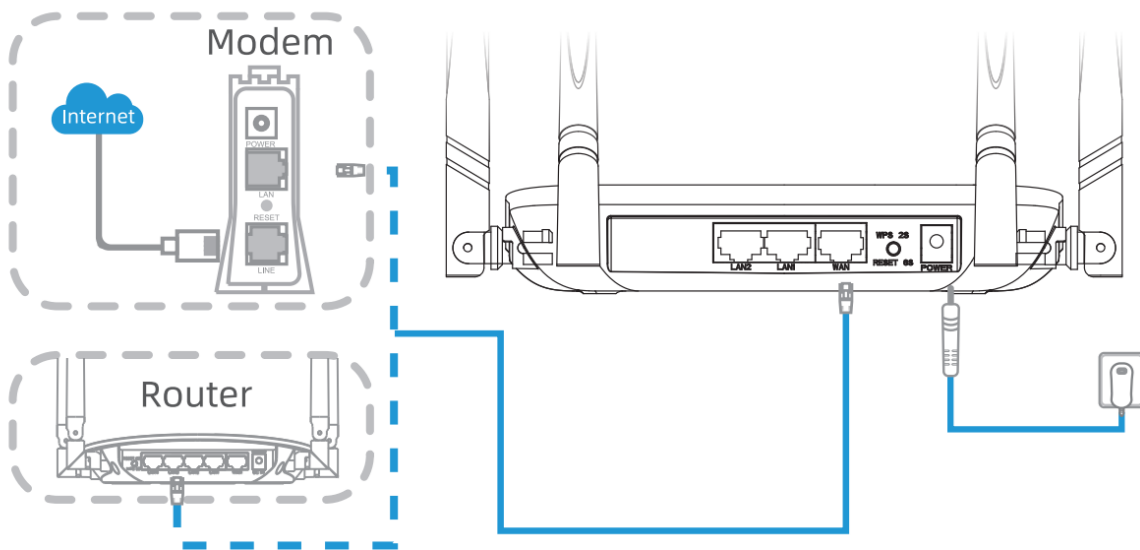
It contains the following sections :

- [Setup Guide](#)
- [Firmware Update](#)

Setup Guide

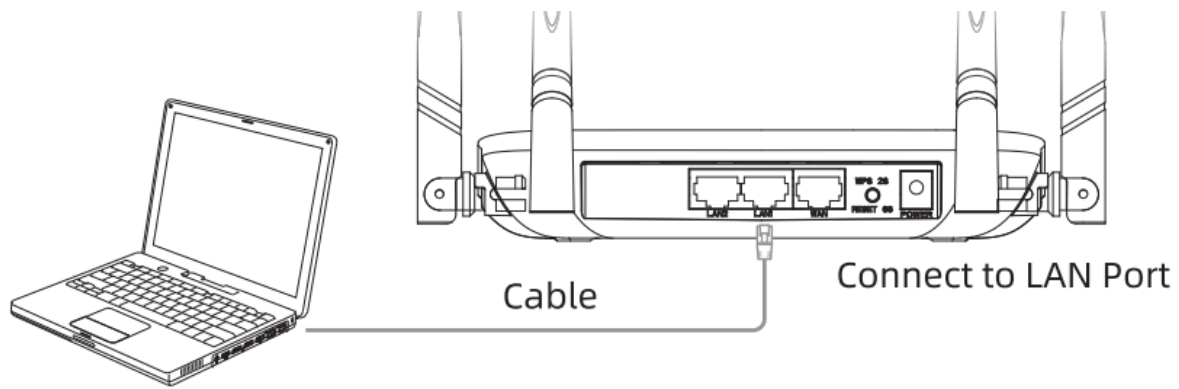
1 . Connect to the Internet

Connect your modem to the Internet, connect router's WAN port to the Modem's or other routers' LAN port , then plug it in a power outlet.



2 . Connecting the Router

2.1 Via Cable

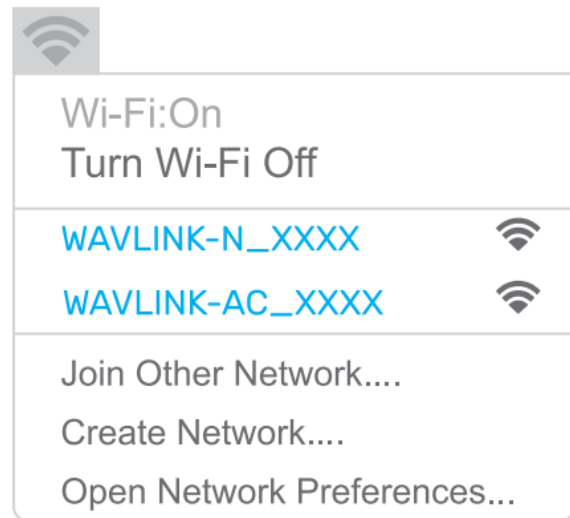


2.2 Via Wireless

Turn on your Wi-Fi and search SSID of your device, then connect to it, after that you can start configuring.



For Windows Users



For Mac Users

3 . Start Configuration

1 . Launch a browser from your laptop/PC or smart phone and enter <http://wavlogin.link> or <http://192.168.20.1> in the address field not search bar.



Note: If you're unable to access the web-based setup page, please refer to the [FAQ:Q1](#).

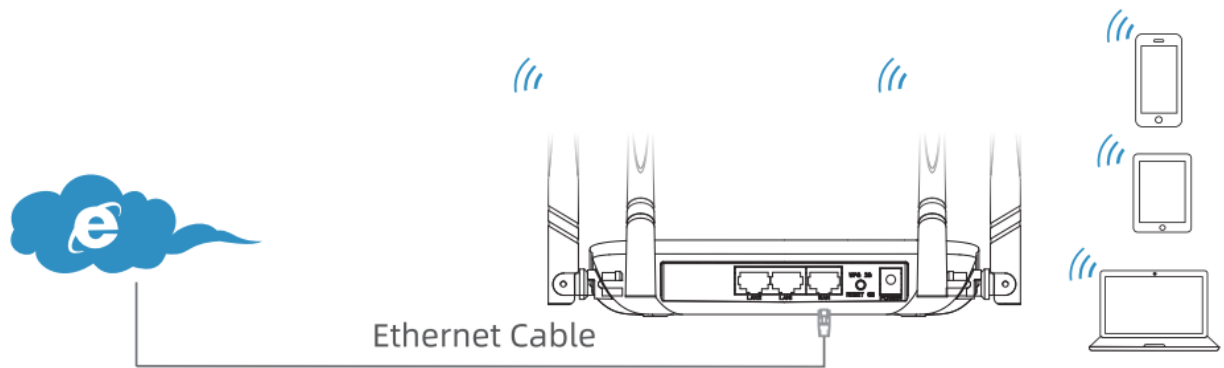
2 . After login in, please choose [Country/Region](#) and [Time Zone](#). Then click [Next](#).

The image shows a web-based configuration form for WAVLINK. The form has a blue header with the WAVLINK logo. Below the header, there are two dropdown menus. The first dropdown is labeled "Country/Region" and has "Australia" selected. The second dropdown is labeled "Time Zone" and has "(UTC+08:00) Beijing, Chongqing, Hoi" selected. Below the dropdowns is a blue button labeled "Next".

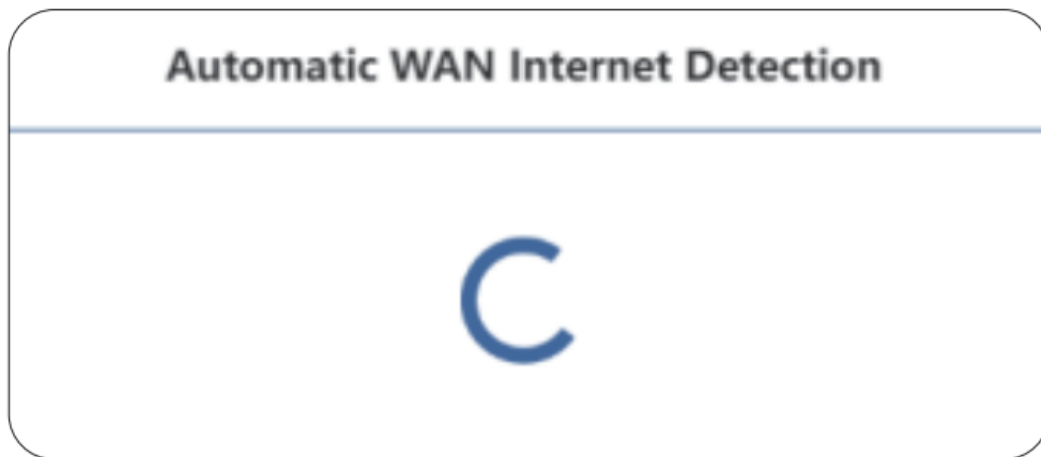
4. Mode Selection

4.1 Router Mode Wizard

1 . Connect the Ethernet cable to the WAN port of the device.



2 . Start Router Mode Configuration



3 . Choose **Router Mode**, **WAN Type**, **Encryption Method** and create new password. We recommend you to choose **WPA2-PSK** encryption method and create your new WiFi password.

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Router Mode

Router Mode

Converts a network from a network provider's wired network to a Wi-Fi signal for wireless and wired networking.

Wan Type

DHCP

SSID

WAVLINK_6F91

Encryption Method

WPA2-PSK(Recommend)

Password

Between 8~63 characters

Set administrator password

☒ Same as the wireless password

Back

Save

4 . Then click [Save](#). Wait for the configuration completed.

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If you're connected to the router via Wi-Fi, search for the new set up wireless network name and use the new password to connect and start browsing online.

2.4G Wi-Fi Name

WAVLINK_6F91

2.4G Wi-Fi password

5G Wi-Fi Name

WAVLINK_6F91

5G Wi-Fi password

Management Web Domain

wavlogin.link

Administrator password



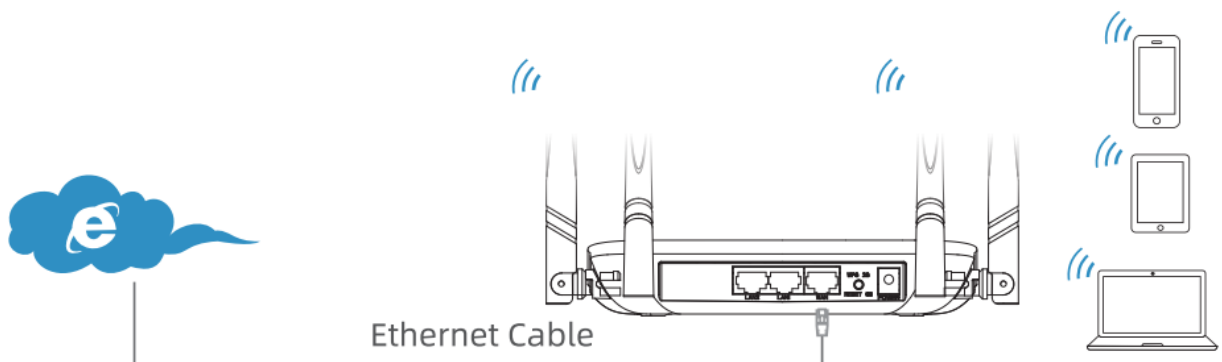
① WHICH WAN(ETHERNET) MODE SHOULD I CHOOSE?

If you use DSL line and you are only provided an account name and a password by your ISP, choose **PPPoE**. If you use cable TV or fiber cable, choose **DHCP (Dynamic IP)**. If you are provided information such as IP address, Subnet Mask and Default Gateway, choose **Static IP**.

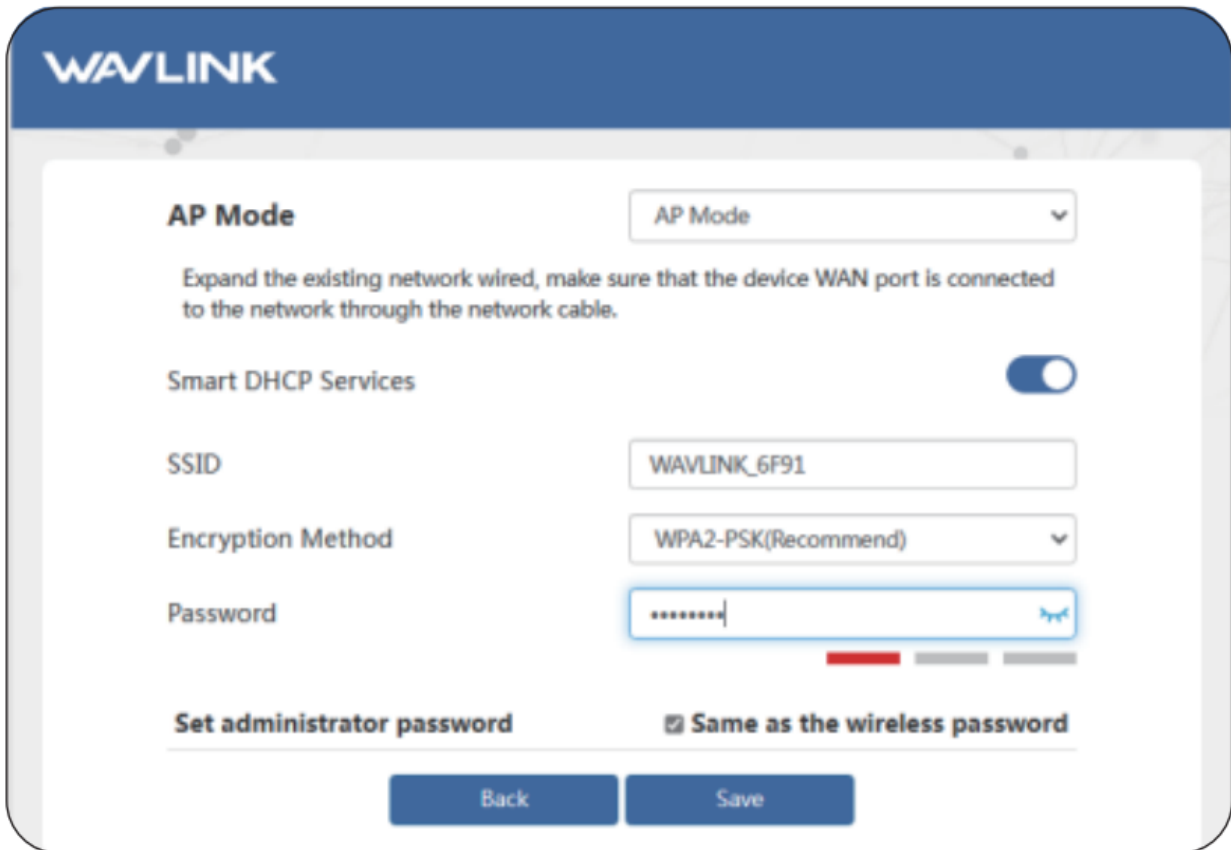
5 . After completing configuration, you can enjoy the network by reconnecting the WiFi.

4.2 AP Mode Wizard

1 . Connect the device's WAN port to your primary Router's LAN port.



2 . Please choose **AP Mode**, set the name of **SSID**,choose **Encryption Method** and create a new password.

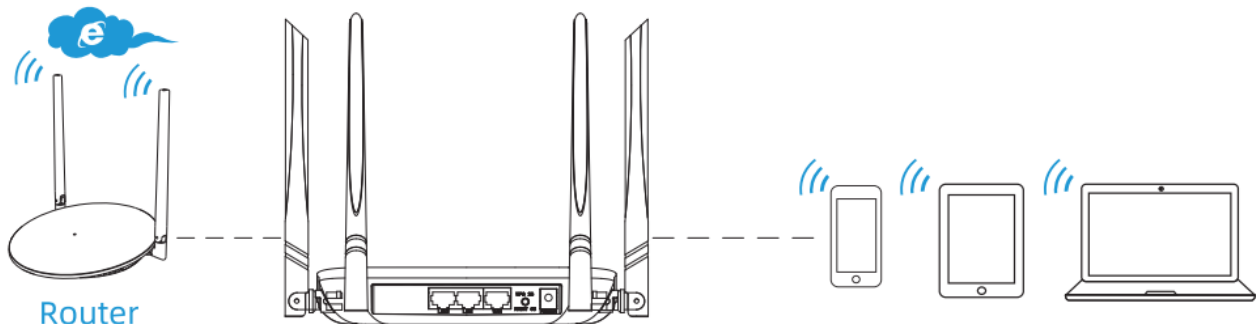


The screenshot shows the Wavlink web interface for configuring the device in AP Mode. The interface has a blue header with the 'WAVLINK' logo. Below the header, the 'AP Mode' is selected in a dropdown menu. A descriptive text states: 'Expand the existing network wired, make sure that the device WAN port is connected to the network through the network cable.' The 'Smart DHCP Services' are enabled, indicated by a blue toggle switch. The 'SSID' is set to 'WAVLINK_6F91'. The 'Encryption Method' is set to 'WPA2-PSK(Recommend)'. The 'Password' field is filled with eight asterisks. Below the password field, there is a checkbox labeled 'Same as the wireless password' which is checked. At the bottom, there are 'Back' and 'Save' buttons.

3 . After completing this process, you can enjoy the network by reconnecting the WiFi.

4.3 Repeater Mode Wizard

1 . Please put the device in the range of the existing Wi-Fi network.



2 . Please choose **Repeater Mode**, you can select the wireless signal. If you prefer to connect or input the wireless signal manually, then click **Next**.



- 3 . Then according to the guide, please input password and other parameter info.
- 4 . After completing this process, you can enjoy the network by reconnecting the WiFi.

Firmware Update

Firmware Upgrade can fix bugs of the router. However, we don't recommend you to upgrade the firmware, if the router works properly.

- 1 . Launch a browser from your laptop/PC or smart phone and enter <http://wavlogin.link> or <http://192.168.20.1> in the address field.



2 . Download the latest firmware file from our website www.wavlink.com -> [Support](#) -> [Firmware](#). 3 . Click [Advanced](#) -> [Firmware Update](#), choose File and upload it, then check new version.

FAQ

Q1 . Why doesn't the login page appear after entering <http://wavlogin.link> ?

- Please make sure your computer is set to obtain an IP address automatically.
- Verify if <http://wavlogin.link> is correctly entered in the web browser. Alternatively, enter <http://192.168.20.1> in the web browser.
- Use another web browser and try it again.
- Reboot your router and try it again.

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

- Please check if the Internet is working normally by connecting a computer directly to the modem with an Ethernet cable. If it is not, contact your internet service provider.
- Open a web browser, enter <http://wavlogin.link> or <http://192.168.20.1> and run the quick setup again.
- Reboot your router and try again.

Q3. How can I restore the router to its factory default settings?

- While the router is powered on, press and hold the Reset button of the back for more than 6 seconds.

Q4 . What can I do if I forget my Administration Management password?

- Refer to [FAQ -> Q3](#) to reset the router.

Q5 . What can I do if I forget my wireless network password?

- Log in the router's web management page at <http://wavlogin.link> and go to Wireless, you can find your Wi-Fi password here.

Need help?

We' re here for you!



Online support: wavlink.com

Available Mon-Fri 8:30 am-5:30pm (UTC+8)



support@wavlink.com

Available Mon-Fri 8:30 am-5:30pm (UTC+8)



+1 8889730883 (US Local)

Mon-Fri 9:00 am - 10:00 pm (UTC-5)

www.wavlink.com



Thank you for purchasing
WAVLINK product!