

WAVLINK

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QUICK START GUIDE

AC1200 Wireless Outdoor Access Point



www.wavlink.com/en_us/Greenwood-5-1200G-B

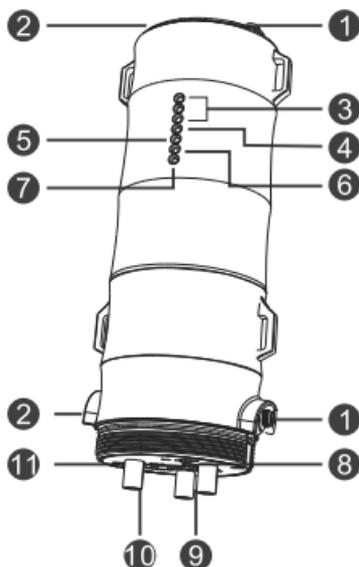
Scan the QR code or load the link for
Quick Start Guide downloading



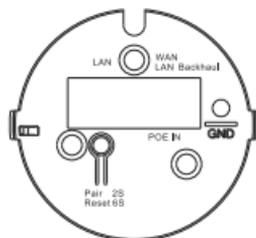
WAVLINK (@WavlinkOfficial)
WAVLINK SUPPORT (@WavlinkTechSupport)

Greenwood 5 1200G

Hardware Overview



Top view



Bottom view

- ① 2.4G RP-SMA Antenna Connectors
- ② 5G RP-SMA Antenna Connectors
- ③ 3 x Wi-Fi Signal LEDs
- ④ Status LED
- ⑤ WAN/LAN Backhaul LED

- ⑥ LAN LED
- ⑦ POWER LED
- ⑧ Reset/PAIR Button
- ⑨ LAN Port
- ⑩ WAN(PoE IN)/LAN Backhaul
- ⑪ Grounding Terminal

* This product supports 802.3 AT/AF Active PoE and Passive PoE to supply power.

Default Parameters

Web: <http://waplogin.link>
Default IP: 192.168.30.1
Login Password: [admin](#)

2.4G SSID: [WAVLINK-N_XXXX](#)
5G/AC SSID: [WAVLINK-AC_XXXX](#)

LED Indicators

Power	On	The device is powered on.
	Off	The device is not receiving electrical power.
LAN	On	The Ethernet port is connected.
	Off	The Ethernet port is disconnected.
WAN/LAN Backhaul	On	The Ethernet port is connected.
	Off	The Ethernet port is disconnected.
Status	Fast flash	Another router has not been connected when the device is in the repeater mode.
	Slow flash	The another router has been connected but the device has no access to the network in the repeater mode.
	On	The device keeps on in the AP mode; The device can access the network normally.

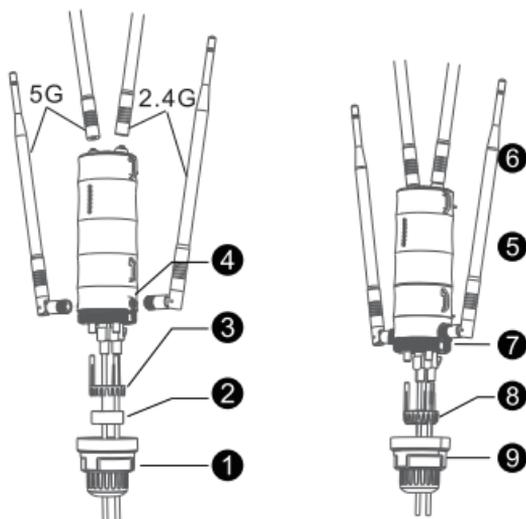
Wi-Fi Signal

Mode				Description
AP	ON	ON	ON	Wi-Fi signal output power 100%.
Repeater	ON	ON	ON	Better reception: signal 81%~100%.
	ON	ON	OFF	Good reception: signal 60%~80%.
	ON	OFF	OFF	Weak reception: signal below 0~59%.

Mode				Description
Mesh Router	ON	ON	ON	Wi-Fi signal output power 100%.
Mesh Extender	ON	ON	ON	Better reception: signal 81%~100%.
	ON	ON	OFF	Good reception: signal 60%~80%.
	ON	OFF	OFF	Weak reception: signal below 0~59%.

Installation

1. Please follow the installation steps when assembling the device.



- ① Pass RJ45 cable through the spiral cover
- ② Pass RJ45 cable through the rubber seal
- ③ Pass RJ45 cable through the holder
- ④ Connect the RJ45 cable to PoE IN/WAN port.
- ⑤ Spin 2.4G antenna into the 2.4G external RP-SMA connector
- ⑥ Spin 5G antenna into the 5G external RP-SMA connector
- ⑦ Screw the holder
- ⑧ Plug the rubber seal to the holder
- ⑨ Screw the spiral cover
- ⑩ Secure the antenna with a bracket.

2. Antenna bracket installation

- 1) Place the arrow pattern on the bracket snap toward the two antennas in the center.
- 2) Secure the antenna with a bracket.



3. Install the device.

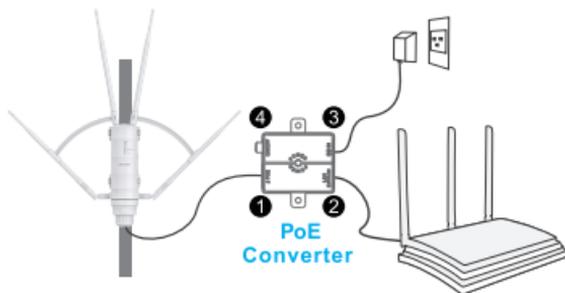
- 3.1 Firstly fasten the device to somewhere firm, then install the device in the holder.



Remark

If you happen to live in the zone where lightning happens a lot, we suggest that you install the device through grounding connection in order to strengthen the lightning-resistant function.

- 3.2 Now please follow the steps below.



- 1) Connect the "**PoE**" port of PoE converter to the PoE IN(WAN) port of the device.
- 2) Connect "**LAN DATA IN**" to "**LAN**" of your router.
- 3) Plug in the device through the power adapter.
- 4) Push the "**ON/OFF**" button to turn on or off the device.

Attention

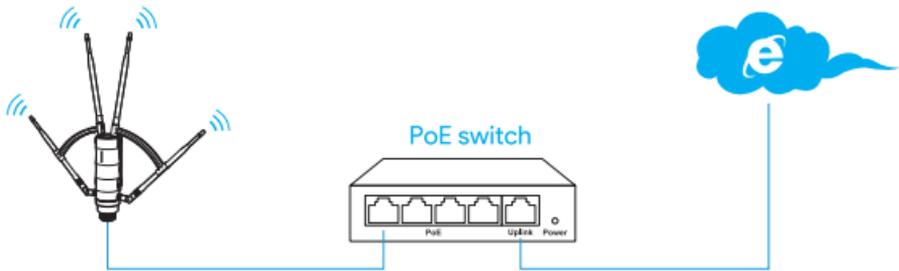
- 1) Ensure that you use a certified CAT5e/CAT6 Ethernet cable with RJ45 connectors.
- 2) Make sure the length of the Ethernet cable from PoE to the device is less than 100 meters (328ft).

Working Mode

This AP supports two work modes: FAT mode and FIT mode. Here is a brief introduction to the two work modes:

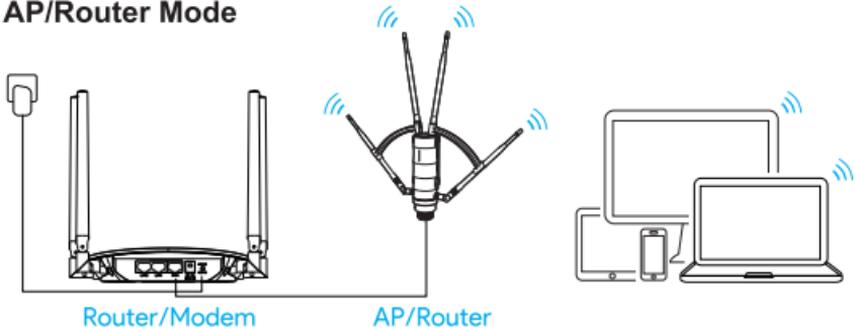
Case 1: FAT AP

- FAT mode means that the AP can be independently configured and has a separate management interface, just like a regular wireless AP.
- FAT mode is primarily used in small networks that do not use an AC Controller.



Here are several typical work modes for Fat AP:

AP/Router Mode



Repeater Mode

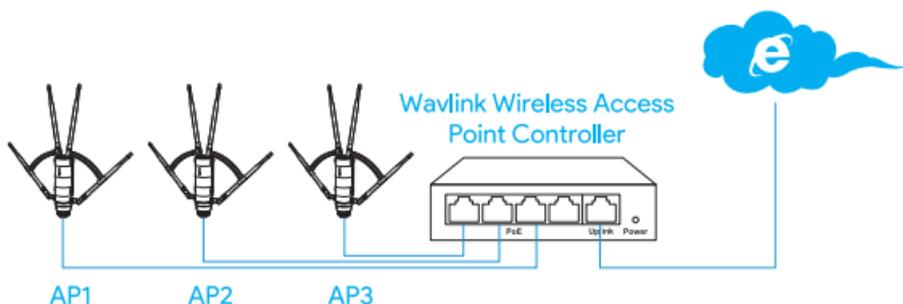


Case 2: FIT AP

FIT mode means that the AP is centrally controlled and managed by the WAVLINK AC (Wireless Access Point Controller).

If it works as a Fit AP, which is typically responsible only for data transmission and basic radio frequency management. All network decisions, configurations, security, and traffic control operations are handled by the WAVLINK AC.

Fit APs are typically used in an AC+AP network architecture and can only be utilized with the WAVLINK wireless access point controller, as shown in the diagram below.

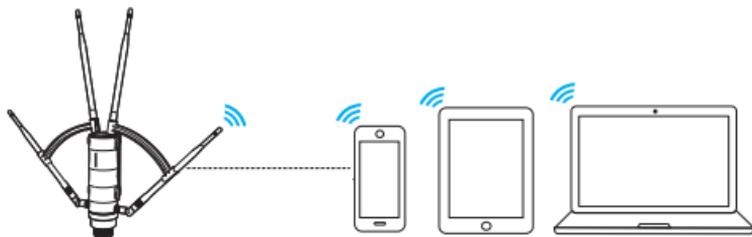


FIT mode is ideal for larger networks with broader coverage, a higher number of users, and a need for efficient network performance and enhanced security.

Configuration(FAT AP Mode)

1. Connection

1.1 Via Wireless



Turn on your Wi-Fi, search SSID of this product on your wireless devices (smart phone, tablet computer, laptop, etc.) and connect to it.

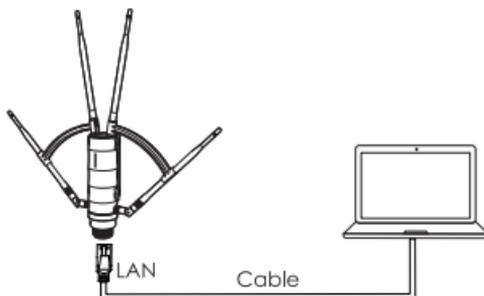


For Windows users



For Mac users

1.2 Via Cable

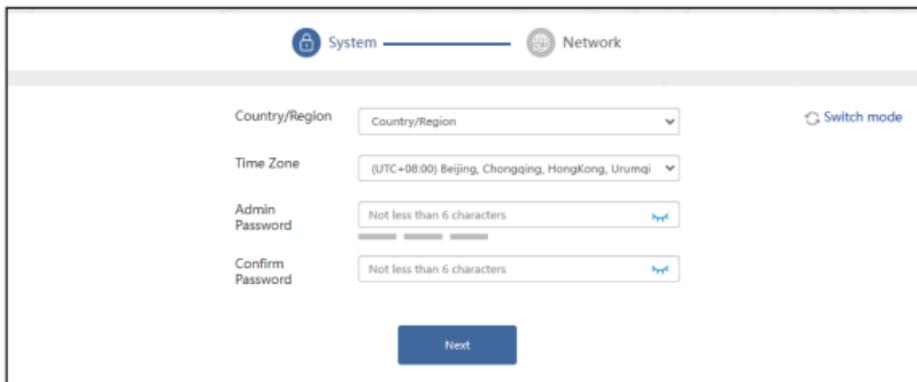


Connect Ethernet cable to your PC/laptop and device's LAN port, then you can start configuring the device.

- Normally, the product web UI will guide you to the login page once you have connected to the device successfully in your first time, but if it doesn't, please manually input <http://waplogin.link> in the address bar of your browser on PC/laptop or phone, the default password is [admin](#).



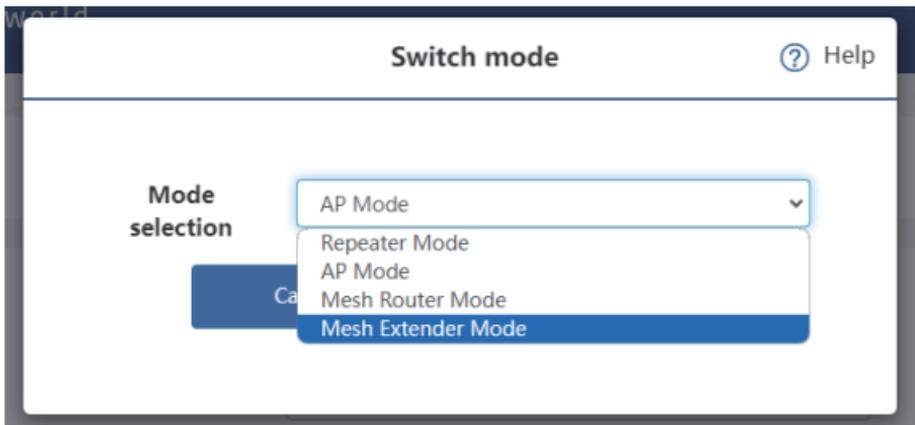
- Select your **Country/Region** and **Time Zone**. For your network security, we suggest that you set a new login password.



Note: The three colored bars in "Admin Password" area indicates the strength of the login password.

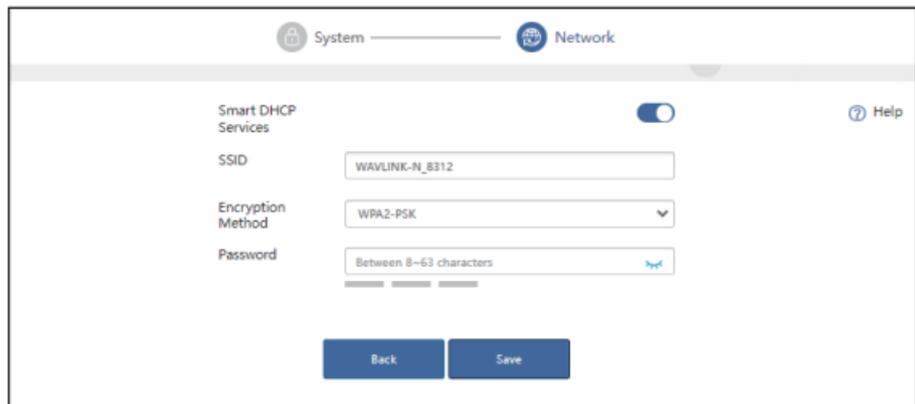
4. Mode Selection

This product has 4 modes. Click "**Switch Mode**" to switch mode.



4.1 AP Mode

1. The system selects AP mode by default, there is no need to select the AP mode manually. Click on "**Next**".
2. Connect the WAN/LAN port of this product to the poe and connect the lan data in port of the poe box to the host router via Ethernet cable. Then you can change the SSID or use the default one, the encryption mode recommend is **WPA2-PSK**. For your network security. please create a new password according to the rule. Then click on "**Save**" and wait for the setting process to complete.



4.2 Repeater Mode

1. Click **"Switch Mode"** and select Repeater Mode.
2. After scanning, please make sure the Wi-Fi you want to select is listed, and click **"Next"**, if it isn't, please click **"Rescan"**.

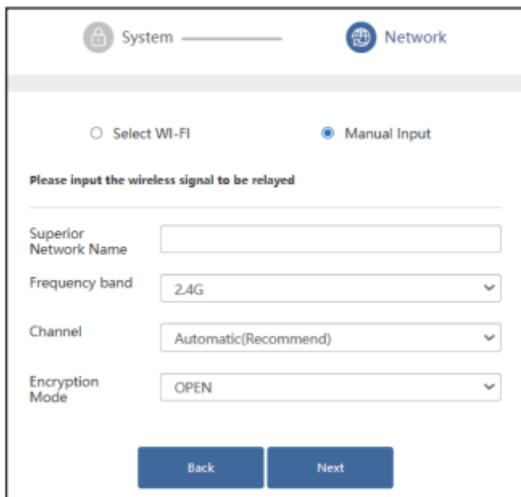
The screenshot shows a web interface with a top navigation bar containing 'System' and 'Network' tabs. Below the navigation bar, there are two radio buttons: 'Select WI-Fi' (which is selected) and 'Manual Input'. A heading reads 'Please select the wireless signal to be relayed'. Underneath, a list of wireless signals is displayed under the '5G/2.4G' category. The list includes: WAVLINK_Guest_5G, WAVLINK-AC_5854, WAVLINK-Mesh_2366, WAVLINK_Guest, Wireless-AC_B294, WAVLINK-AC_6532, and a partially visible 'WAVLINK-AC_6532'. At the bottom of the list, there are three blue buttons: 'Back', 'Rescan', and 'Next'.

3. Enter the password for the wireless network of your selected. Set the wireless network encryption mode and password for this device. Click **"Save"**.

The screenshot shows the same web interface as above, but now the 'Superior wireless network information' section is active. It contains a 'Superior Network Name' field with the value 'WAVLINK-AC_5854' and an empty 'Password' field with a 'help' link. Below this is the 'Wireless network information of this device' section. It includes a 'Connection Type' dropdown menu set to 'WISP-Recommend'. The '2.4G Wi-Fi Name' field contains 'WAVLINK-AC_5854_EXT2.4G'. The '2.4G Encryption' dropdown is set to 'WPA2-PSK(Recommend)'. The '2.4G Wi-Fi password' field is empty, with a 'help' link and a character count indicator 'Between 8-63 characters'. The '5G Wi-Fi Name' field contains 'WAVLINK-AC_5854_EXT5G'. The '5G Encryption' dropdown is set to 'WPA2-PSK(Recommend)'. The '5G Wi-Fi password' field is empty, with a 'help' link and a character count indicator 'Between 8-63 characters'. At the bottom, there are two blue buttons: 'Back' and 'Save'.

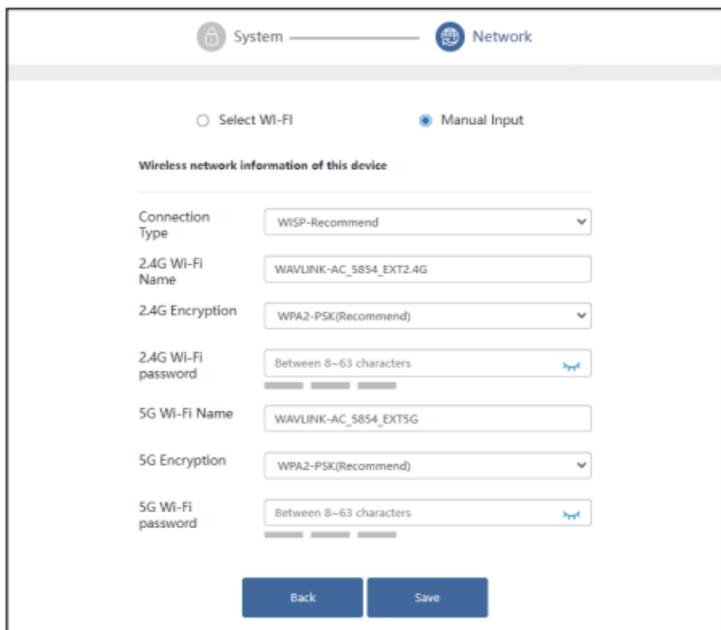
Manual Input:

1. Manually add the wireless network you want to relay, enter the device information, and click "**Next**".



The screenshot shows a web interface for network configuration. At the top, there are two tabs: "System" (with a lock icon) and "Network" (with a globe icon). Below the tabs, there are two radio buttons: "Select WI-Fi" (unselected) and "Manual Input" (selected). A heading reads "Please input the wireless signal to be relayed". Below this heading are four input fields: "Superior Network Name" (text input), "Frequency band" (dropdown menu with "2.4G" selected), "Channel" (dropdown menu with "Automatic(Recommend)" selected), and "Encryption Mode" (dropdown menu with "OPEN" selected). At the bottom, there are two blue buttons: "Back" and "Next".

2. Set the wireless network encryption mode and password for this device. Click "**Save**".

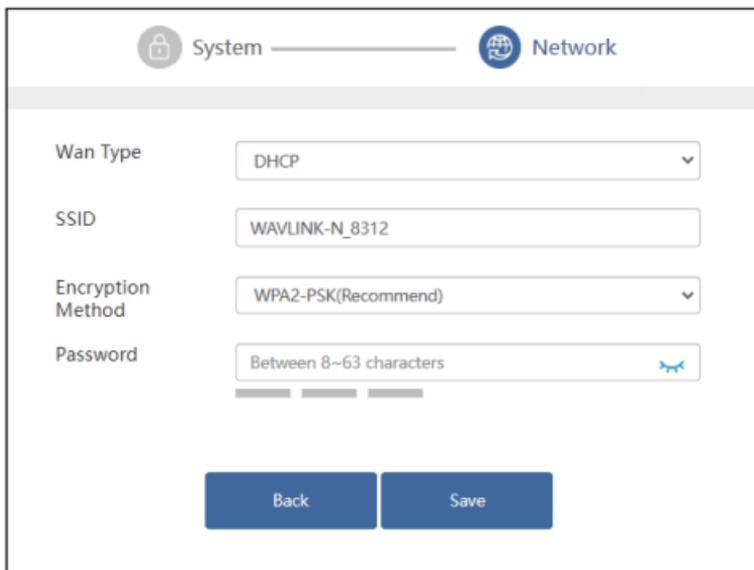


The screenshot shows the same web interface as above, but with the "Manual Input" radio button selected. A heading reads "Wireless network information of this device". Below this heading are six input fields: "Connection Type" (dropdown menu with "WISP-Recommend" selected), "2.4G Wi-Fi Name" (text input with "WAVLINK-AC_5854_EXT2.4G"), "2.4G Encryption" (dropdown menu with "WPA2-PSK(Recommend)" selected), "2.4G Wi-Fi password" (text input with "Between 8-63 characters" and a strength indicator), "5G Wi-Fi Name" (text input with "WAVLINK-AC_5854_EXT5G"), "5G Encryption" (dropdown menu with "WPA2-PSK(Recommend)" selected), and "5G Wi-Fi password" (text input with "Between 8-63 characters" and a strength indicator). At the bottom, there are two blue buttons: "Back" and "Save".

4.3 Mesh Router Mode

1. Click on "**Switch Mode**", then choose "**Mesh Router Mode**".
2. Before configuring, please make sure your upper router has connected to the WAN/LAN port of this product. The system will guide you to select the **WAN Type**. As for the Encryption Mode, we recommend you to select WPA2-PSK. For you network security, we suggest you create a Password.

You can add more devices that support WAVLINK Everything Mesh for networking in Mesh Router mode, refer to 5 for adding method.



The screenshot shows a web interface for network configuration. At the top, there are two tabs: "System" (selected) and "Network". Below the tabs, there are four configuration fields:

- Wan Type:** A dropdown menu with "DHCP" selected.
- SSID:** A text input field containing "WAVLINK-N_8312".
- Encryption Method:** A dropdown menu with "WPA2-PSK(Recommend)" selected.
- Password:** A text input field with a placeholder "Between 8~63 characters" and a visibility toggle icon.

At the bottom of the form, there are two blue buttons: "Back" and "Save".

Which WAN Type am I supposed to 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.

4.4 Mesh Extender Mode

If you have a router that supports WAVLINK Everything Mesh function, then you can build a mesh system with this mode.

1. Click on "**Switch Mode**". Then choose "**Mesh Extender Mode**".

The screenshot shows the 'System' configuration page. At the top, there are two tabs: 'System' (selected) and 'Network'. Below the tabs, there are four form fields:

- Country/Region:** A dropdown menu with 'Country/Region' selected.
- Time Zone:** A dropdown menu with '(UTC+08:00) Beijing, Chongqing, HongKong, U' selected.
- Admin Password:** A text input field with 'Not less than 6 characters' and a strength indicator (two bars) and a 'help' icon.
- Confirm Password:** A text input field with 'Not less than 6 characters' and a strength indicator (two bars) and a 'help' icon.

 At the bottom center, there is a blue 'Next' button.

2. Select your Country/Region and Time Zone. Enter the Admin Password. After click "**Start Pairing**", follow 5 to add this device on the primary router.

The screenshot shows the 'System' configuration page with the following settings:

- Country/Region:** Global
- Time Zone:** (UTC-00:00) Dublin, Edinburgh, Lisbon, London
- Admin Password:** A text input field filled with asterisks, with a strength indicator (two bars, one red) and a 'help' icon.
- Confirm Password:** A text input field filled with asterisks, with a strength indicator (two bars) and a 'help' icon.

 At the bottom center, there is a blue 'Start Pairing' button.

When the device enters the pairing state, please Keep pressing the PAIR button 2s of the primary router or add the mesh device in the primary router configuration page, the pairing time is expected to be 2 minutes. If the pairing fails, check whether the primary router is set correctly, and then enable re-pairing via the pairing button or re-enter this device page. If you want to switch to another mode when you have successfully configured Mesh Extender Mode, please reset this device.

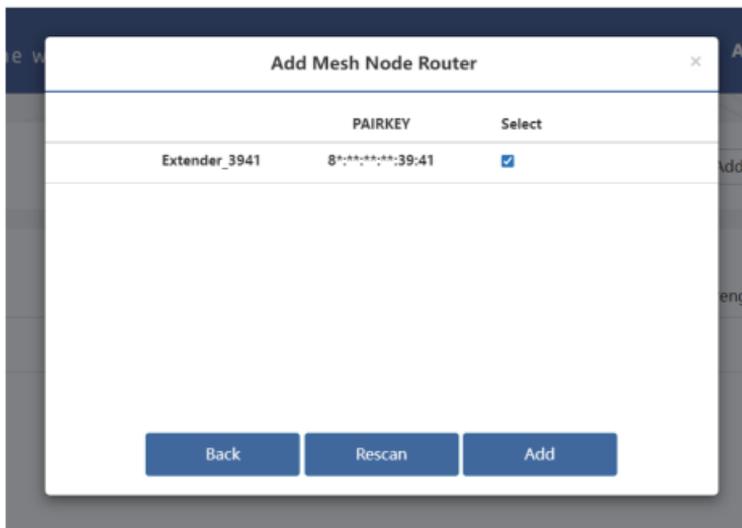
5. If you need to add more mesh devices to build up a stronger network in your home.you simply need to pair the new mesh devices with the existing network.

Pairing on the web

1. Log in to <http://waplogin.link>.
2. “**Advanced**” -> “**Mesh Network**”.
3. Click on “**Add**” and then follow the prompts on the screen.

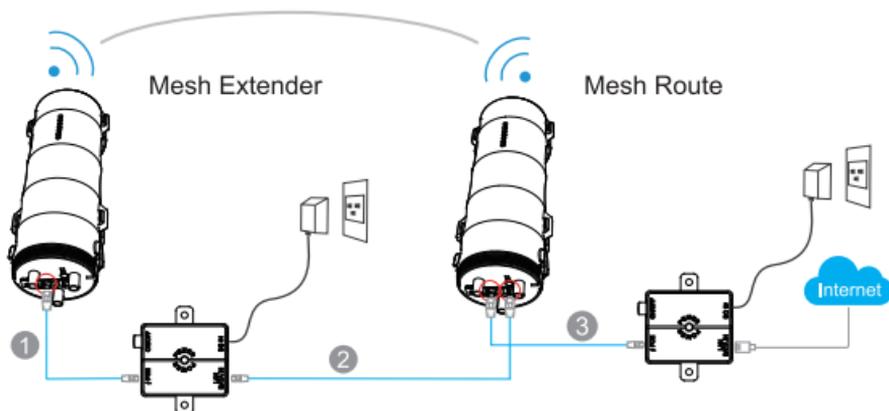


4. After scanning, please make sure the device you want to add is listed, and click “**Add**”. If not, make sure the Mesh extender to be added is in a paired state. Click “**Rescan**”.



Pairing with Pair Button

After configuring the main router and when the main router has the network, press and hold the pair button for both the main router and the mesh extender for 2 seconds. When LED lights become solid blue, the pairing process is successfully completed.



Wi-Fi Password Management

When you need to change your Wi-Fi password, please click on “Wireless”.

The screenshot shows the Wavlink web interface. The top navigation bar includes 'Home', 'Terminal', 'Wireless', 'Advanced', and 'Device'. The main content area is titled 'Wi-Fi' and contains the following configuration options:

- Enable dual-band mode:** A toggle switch is currently turned on. Below it, a note reads: "Enable it to make 2.4G and 5G Wi-Fi dual bands in one SSID. The router will automatically select the faster Wi-Fi band for you. If you disable it, you can set up the dual bands separately." A 'Help' icon is visible to the right.
- SSID:** A text input field containing 'WAVLINK-N_8312'.
- Encryption Method:** A dropdown menu set to 'WPA2-PSK(Recommend)'.
- Password:** A password input field with a strength indicator (four red bars) and a 'Show/Hide' icon.

At the bottom of the configuration area, there is a blue 'Save' button.

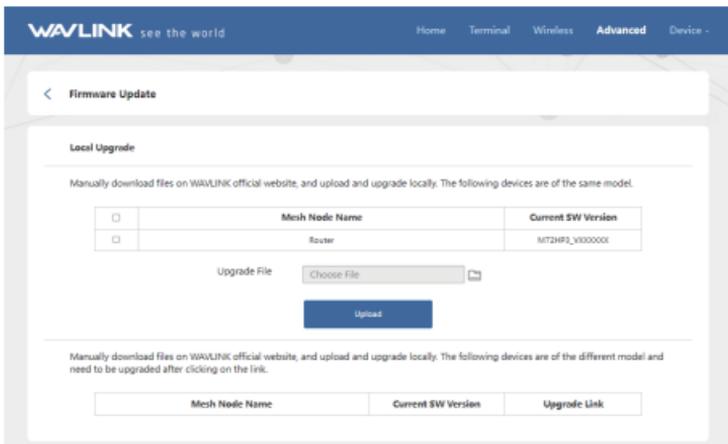
Firmware Upgrade

If you need to update firmware, please proceed as the following steps:

Option I

Local Upgrade

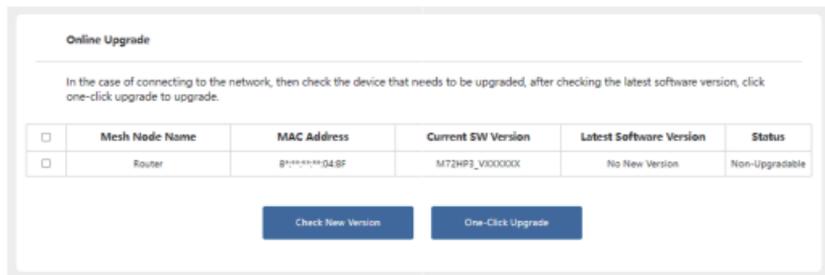
1. Download the latest firmware file.
2. Extract the firmware from the downloaded file.
3. Log in to <http://waplogin.link> then choose “Advanced” and select “Firmware Update”.
4. Click on  to locate the extracted firmware file.
5. Click on “Upload” and choose “Apply”, and wait for the firmware upgrade process to complete.



Option II

Online Upgrade

1. Log in to <http://waplogin.link> then choose “Advanced” and select “Firmware Update”.
2. Select the Mesh Node Name that needs to be upgraded.



Note: After updating firmware, please Reset The Device And Clear Your Browser Cache.

What is firmware upgrade and why do I need it?

Firmware contains fixed for bugs and new features, please keep the latest firmware to improve the experience of using the product. Please do not use the wrong firmware, otherwise, it will damage your device and void the product warranty.

For more details, please visit our website www.wavlink.com

Our Technical Support: support@wavlink.com

FAQ

Q1. What can I do if I can not access the Internet?

- Make sure your Internet works normally, please contact your ISP(Internet Service Provider) if it doesn't.
- Initiate your browser, enter <http://waplogin.link>, then set up the following quick start guide.
- Reboot your device and try it again.

Q2. Why can't I visit the web UI by inputting <http://waplogin.link>?

- If you can't log in to URL in AP Mode, please check the IP address arranged by the upstream router, then try to restart the process.
- Make sure you have connected to the WiFi of the Wavlink device.
- Please try to clean the cache of the browser.
- Try to log in the management page via another browser.
- Try to log in the management page via other devices.

Q3. What can I do if I forget my administration management password?

- Please reset the device, the default password is [admin](#).

Q4. How do I find the best location for mesh devices?

- Please put your mesh devices in a relatively open space to avoid obstacles such as metal objects, reinforced concrete walls and so on.

Please visit https://www.wavlink.com/en_us/fag.html for more details.

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WEEE Directive & Product Disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

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)

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**Thank you for purchasing
WAVLINK product!**