



QUICK START GUIDE

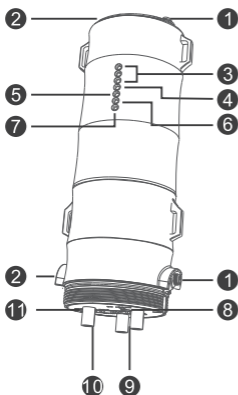
AC1200 High Power Outdoor Gigabit
Wi-Fi Range Extender/AP/Router

Aerial HD4

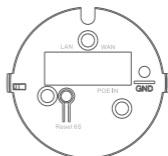


WAVLINK (@WavlinkOfficial)
WAVLINK SUPPORT (@WavlinkTechSupport)

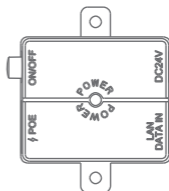
OVERVIEW



Top view



Bottom view






POE Converter

- ① 2.4G RP-SMA Antenna Connectors
- ② 5G RP-SMA Antenna Connectors
- ③ Wi-Fi Signal LED
- ④ Wi-Fi LED
- ⑤ WAN LED
- ⑥ LAN LED
- ⑦ Power LED
- ⑧ Reset button
- ⑨ LAN port (POE)
- ⑩ WAN port (POE)
- ⑪ Grounding terminal

LED INDICATOR

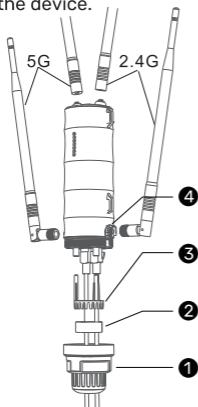
Power	On	The device is being powered on.
	Off	The device is not receiving power.
WAN	On	The Ethernet port is connected.
	Off	The Ethernet port is disconnected.
LAN	On	The Ethernet port is connected.
	Off	The Ethernet port is disconnected.

Wi-Fi Signal

Mode				Description
AP/Router	ON	ON	ON	Wi-Fi signal output power 100%.
Repeater	ON	ON	ON	Better reception: signal 75%~100%.
	ON	ON	OFF	Good reception: signal 50%~75%.
	ON	OFF	OFF	Weak reception: signal below 50%.
	Flashing	OFF	OFF	Disconnected.

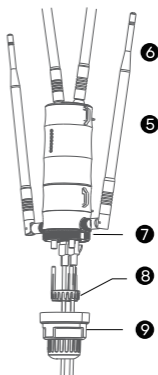
Installation

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



- ❶ Pass RJ45 cable through the spiral cover.
- ❷ Pass RJ45 cable through the rubber seal.
- ❸ Pass RJ45 cable through the holder.
- ❹ Connect the RJ45 cable to POE IN/WAN port.

- ❺ Spin 2.4G antenna into the 2.4G external RP-SMA connector.
- ❻ Spin 5G antenna into the 5G external RP-SMA connector.
- ❼ Screw the holder.
- ❽ Plug the rubber seal to the holder.
- ❾ Screw the spiral cover.



BASIC INFO

Default IP: 192.168.10.1

Login: <http://wifi.wavlink.com>

Default Password: [admin](#)

2.4G SSID: [WAVLINK-N](#)

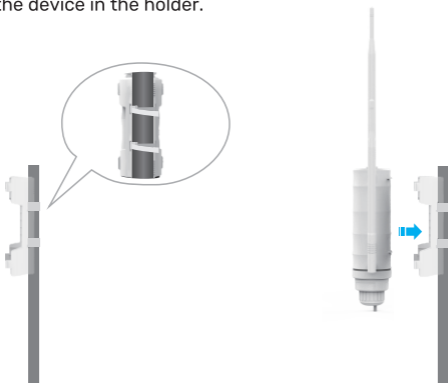
5G SSID: [WAVLINK-AC](#)

Official Website: www.wavlink.com

Technical Support: support@wavlink.com

2. Install the device:

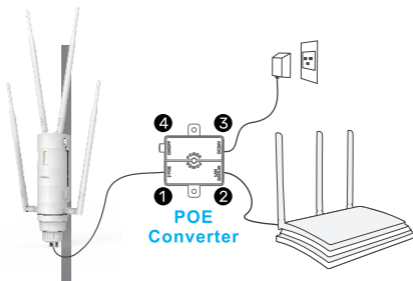
2.1 Firstly fasten the device to somewhere firm, then install the device in the holder.



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.

2.2 Now please follow the steps below.



- 1) Connect a cable to “⚡ POE” port of POE converter.
- 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.

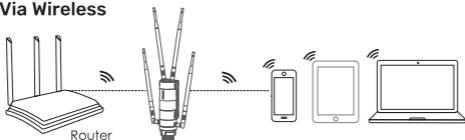
Attention

- 1) Ensure that you use a certified CAT5e/CAT6 Ethernet cable with RJ45 connectors.
- 2) Ensure that the length of Ethernet cable is less than 60m (196 ft.).

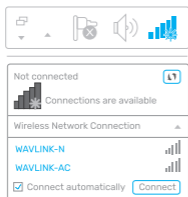
Configuration

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.

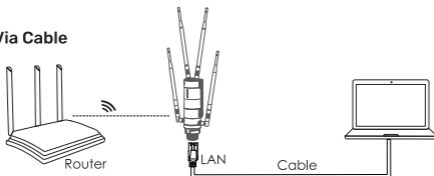


For Windows users



For Mac users

1.2 Via Cable



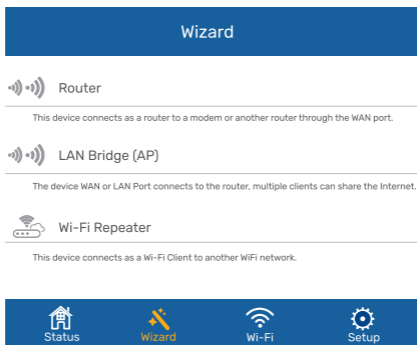
Connect Ethernet cable to your PC/laptop and device LAN port, then you can start configuring the device.

- 2.Launch a browser from your laptop/PC or smart phone and enter wifi.wavlink.com or 192.168.10.1 in the address field. The default password is [admin](#).



The image shows the login interface for a WAVLINK Wi-Fi Range Extender. It features a blue background with the WAVLINK logo at the top. Below the logo, the text "Wi-Fi Range Extender" is displayed. There are three input fields: a password field with a lock icon, a language selection dropdown currently set to "English", and a "Login" button.

- 3.Please select the mode that is fit for your need.



The image shows a mode selection screen with a blue header labeled "Wizard". Below the header, there are three options, each with a Wi-Fi signal icon and a description:

- Router**: This device connects as a router to a modem or another router through the WAN port.
- LAN Bridge (AP)**: The device WAN or LAN Port connects to the router, multiple clients can share the Internet.
- Wi-Fi Repeater**: This device connects as a Wi-Fi Client to another WiFi network.

At the bottom, there is a navigation bar with four icons: a house for "Status", a magic wand for "Wizard" (which is highlighted in yellow), a Wi-Fi signal for "Wi-Fi", and a gear for "Setup".

3.1 Wi-Fi Repeater Mode

Choose an existing WiFi to connect and enter the existing WiFi's password.

Repeater Wizard

Repeater Mode:

Gateway(recommended)

Connect to:


Wi-Fi Password:

SSID:

Connect


☒ Select a Wi-Fi

☐ Manually




Wireless-AC

☒




Wireless-N

☐



WAVLINK-Mesh

☒







WAVLINK-Touch

☐

3.2 Router Mode

Please choose an Internet type and input the password accordingly.

Router Mode	
PPPoE	Static IP Dynamic IP
PPPoE account:	<input type="text" value="Gateway(recommended)"/>
PPPoE password:	<input type="password"/>
SSID:	<input type="text"/>
Security type:	<input type="text"/>
Wi-Fi password:	<input type="password"/>

 Status  Wizard  Wi-Fi  Setup

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**.

3.3 LAN Bridge (AP mode)

Please set Wi-Fi AP security information by following the instruction.

AP Mode

SSID:

WAVLINK-N

Security:

WPA/WPA2Mix

Wi-Fi password:

☐ Static IP

Apply

Status

Wizard

Wi-Fi

Setup

In **Router/AP mode**, the wireless signal comes from **Aerial HD4**.




In **Repeater mode**, the wireless signal comes from the **router**.





Wi-Fi Configuration

On the Wi-Fi configuration page, you can change the Wi-Fi name, Security Type and Wi-Fi Password. ("Note" In Repeater mode, the WiFi's password must be set to the same as the host WiFi)

 Wi-Fi Configuration

2.4G Wi-Fi Settings

Wi-Fi: ON 


Hide Wi-Fi: OFF 


2.4G:

Security Type:

Wi-Fi Password:

5G Wi-Fi Settings

Wi-Fi: ON 


Hide Wi-Fi: OFF 


2.4G:


Security Type:


Wi-Fi Password:

Apply

 Status

 Wizard

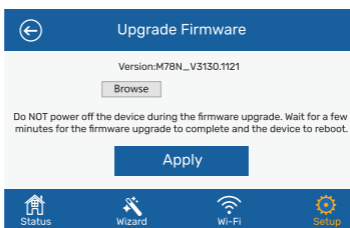
 Wi-Fi

 Setup

Firmware Upgrade

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

1. Download the latest firmware file from www.wavlink.com.
2. Extract the firmware from the downloaded file.
3. Log in to wifi.wavlink.com or 192.168.10.1, then choose “Setup” and select “Upgrade Firmware”.



4. Click on **Browse/Choose File** to locate the firmware file.
5. Click on **Apply**, and wait for the firmware upgrade process to complete.

What is firmware upgrade and why do I need it?

Firmware contains fixes 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

Q1. Why doesn't the login page appear after entering <http://wifi.wavlink.com>?

- Make sure your PC is set to obtain IP address automatically.
- Please make sure you entered the correct website.
- Reboot your device and try again.

Q2. 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 192.168.10.1 or wifi.wavlink.com, then set up the following quick start guide.
- Reboot your device and try again.

Q3. How do I restore the device to factory default setting?

- Press and hold the reset button of mesh device for [6](#) seconds.

Q4. What can I do if I forget my administration management password?

- Please refer to [Q3](#) to reset the device, the default password is **admin**.

Q5. 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/faq.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.



**Thank you
for purchasing
WAVLINK product!**



WAVLINK (@Wavlink Official)
WAVLINK SUPPORT (@Wavlink TechSupport)