Ruijie | Reyee

RG-EW1200

Wi-Fi Router Quick Start Guide

To better use the Ruijie device,

read this manual before Installation and usage, and

save the manual for future reference.

Accessibility Compatibility Description

EU Standards

This product complies with the core principles of EU Directive 2019/882 — perceivable, operable, understandable, and robust, and meets the accessibility technical requirements of EN 301 549.

Platform-Specific Standards

a. Mobile Devices (Android/iOS): Complies with the system's accessibility service interface specifications.

b. Web: Follows the standard.

Accessibility Interface Description for Technical Integration — From a Technical Perspective

This product achieves stable communication with assistive tools through the following underlying interfaces to ensure compatibility:

1. Android Platform: Adapts to the system Accessibility Service interface, supporting global operations and status feedback of tools such as Talkback.
2. iOS/macOS Platform: Interfaces with system accessibility APIs, supporting gesture operations and semantic recognition of VoiceOver.
3. Web: Follows the WCAG 2.2 standard, configuring standard semantic labels for components such as pop-ups, drop-down menus, and dynamic forms to ensure screen readers correctly identify element states.

Accessibility Function Usage and Assistive Technologies

Product Accessibility Function 1: High Contrast Mode

Function Purpose: Enhances the distinguishability between interface text and background, reducing the visual recognition difficulty for users with low vision.
Operation Step: Click **Switch to Accessibility Mode** in the upper-right corner of the web page to enter accessibility mode.

Product Accessibility Function 2: Full Keyboard Operation Support

Function Purpose: Replaces the mouse to complete all operations, adapting to the operating habits of users with physical disabilities.
Operation Step:
1. The function is enabled by default and no manual settings are required.
2. Common shortcut keys:
- Tab key: Switches interface element.
- Enter key: Confirms selected operation.
- Esc key: Closes the current pop-up.
- Alt+F4: Exits the current function page.

Product Accessibility Function 3: Talkback Screen Reading

Function Purpose: Reads interface element content in real time to assist visually impaired users in completing product operations.
Operation Step: Click **Switch to Accessibility Mode** in the upper-right corner of the web page to enter accessibility mode.

Acquisition Method for the Manual

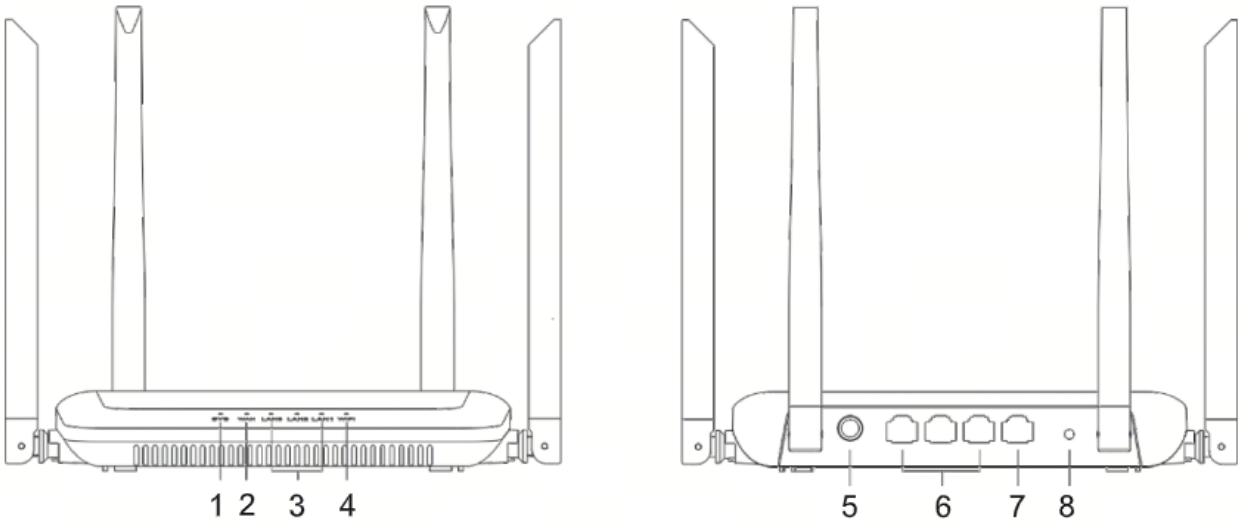
Electronic version (supporting screen readers): Download from the documentation center on the official website.

Installation Guide

Please read this document carefully before installing and using your device.

Keep it for future reference.

Product Appearance



1	System status LED
2	WAN port LED
3	LAN1–3 LEDs
4	Wi-Fi LED
5	Power connector
6	LAN1–3 ports
7	WAN port
8	Reyee Mesh/Reset button (press > 10s to reset; press < 1s to pair)

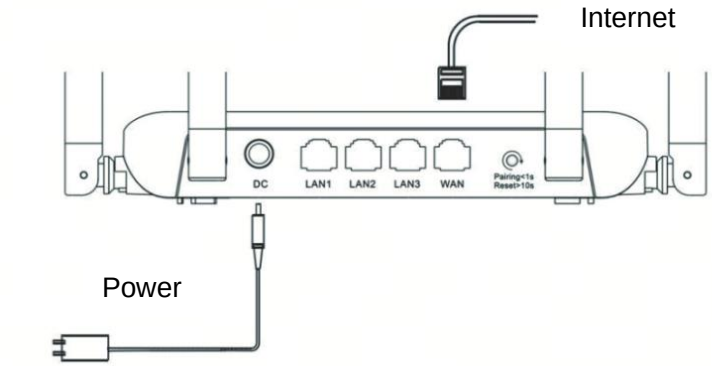
Packing List

1 x RG-EW1200 Wi-Fi router	1 x *Warranty Card*
1 x Power adapter	1 x *Quick Start Guide*

Quick Installation

Access the Internet in **only three steps**.

❶ Connect an Ethernet cable to the WAN port (yellow) for Internet access, and power on the router.

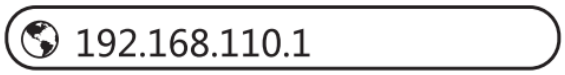


❷ Access the Internet

Connect your mobile phone or PC to the SSID “@Ruijie-sxxxx” or “@Ruijie-mxxxx” (xxxx is the last four digits of the device's MAC address). The configuration page will be displayed automatically, or you can access it by entering 192.168.110.1 in your browser.



WLAN

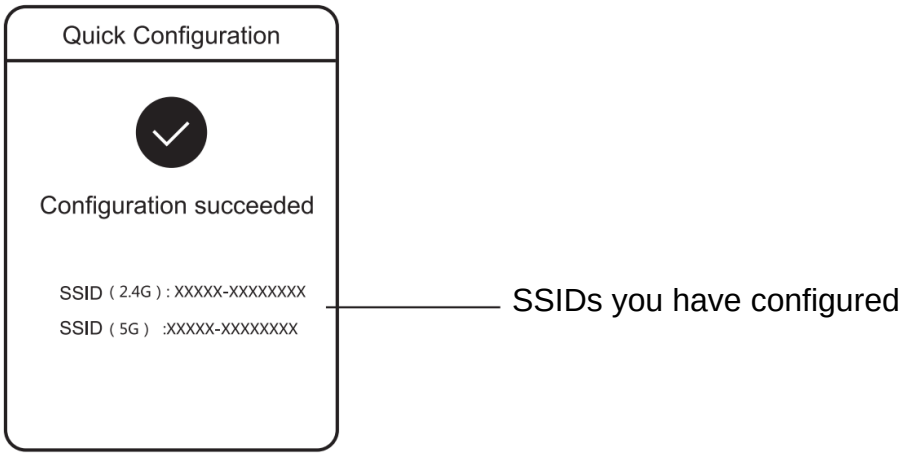


Browser

If you cannot connect to the SSID or visit the website, scan the QR code on the back of the package for online support.

❸ Complete the Configuration

Complete all configurations according to the guide. When **Configuration succeeded** is displayed, you can access the Internet.



Reyee Mesh Routers Can Interconnect to Form a Distributed Network

1. **Connect a Reyee Mesh router to the Internet.**

   Please refer to the "Quick Installation" for configuration.

   This router is used as the primary router of the distributed network, and other Reyee Mesh routers function as secondary routers.

2. **Connect the Reyee Mesh routers with one click.**

   Please make sure that the routers to be paired are in the factory settings. If they are configured before, restore the factory settings first (see the FAQ for how to restore the factory settings). Do not connect the routers using Ethernet cables.

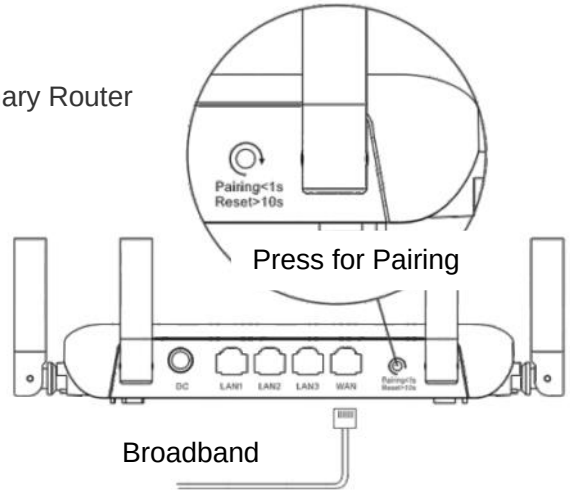
   Power on the routers within two meters (6.56 ft.) of the primary router. Their LEDs will start to blink quickly. Wait for a short while, until the system status LEDs turn to steady on, which means the routers are powered on.

   Press the pairing button on the primary router. Its Wi-Fi LED will start to blink. The primary router will search for neighboring secondary routers for 2 minutes. After the search is over, the Wi-Fi LED changes to steady on. When the Wi-Fi LEDs on the secondary routers blink, two routers are being paired; when the Wi-Fi LEDs change to steady on, the pairing is completed.

3. **Move the paired Reyee Mesh routers to the positions where the signal needs to be extended, and power them on. No more configuration is required.**

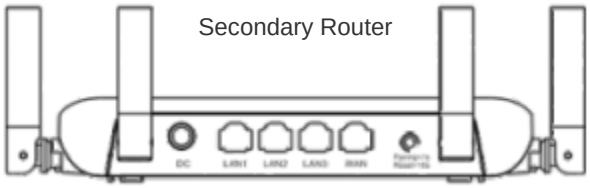
After the router is powered on, the system status LED blinks, which means it is connecting to the primary router. When the system status LED turns to steady on, the connection is successful, and a distributed Wi-Fi network has been set up.

Primary Router



Ensure the router can access the Internet. After the button is pressed, the Wi-Fi LED starts blinking. As the detection ends after 2 minutes, it will stop blinking.

Secondary Router



Do not connect it to the primary router using an Ethernet cable. During pairing, the Wi-Fi LED blinks. If pairing succeeds, it will stop blinking.

LED Instruction

The LED status and meanings are as follows:
System Status LED:
Solid on: The router is running normally.
Fast blinking: The router is restoring factory settings or rebooting.
Off: The router is not powered on.

Wi-Fi LED:
Solid on: The Reyee Mesh router is running normally.
Slow blinking: Reyee Mesh routers are being paired or the pairing disconnects.

Port LED:
Solid on: The port is connected normally.
Off: The port is not connected or the cable disconnects.

FAQs

Why do I fail to visit 192.168.110.1?

1. Check whether the PC's NIC is set to **Obtain an IP address automatically**.
2. Ensure the PC is connected to one of the LAN ports and the LED is on; otherwise, you need to replace the Ethernet cable with a new one and try again.
3. Close and re-open the browser (Google Chrome is recommended) and visit 192.168.110.1 again.
4. Use another web browser.
5. Use another Ethernet cable or PC.
6. If the fault persists, restore the router to factory settings by pressing the Reset button for 10 seconds.

Why do I fail to access the Internet after configuration?

1. Check whether the Ethernet cable is connected as instructed, and the port status LED is on.
2. Check the Internet connection type.
   a. If your ISP offers a username and a password, select **PPPoE** and enter your username and password.
   b. If your ISP offers information about the static IP address, subnet mask, gateway, and DNS server, select **Static IP** and set mandatory parameters.
3. If the fault persists, contact your ISP for help.

Note

This equipment is restricted to indoor operation in 5.15–5.35 GHz for Hong Kong, China.