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RLA-WE1 Dual Band Wi-Fi Extender Signal Booster

reolink RLA-WE1 Dual Band Wi-Fi Extender/ Signal Booster User Guide

Contents

reolink RLA-WE1 Dual Band Wi-Fi Extender/ Signal Booster

Specifications

- **Model**: RLA-WE1
- **Wireless Standards**: 2.4GHz, 5GHz
- **Ports**: LAN, WAN/LAN
- **Buttons**: WPS, Reset
- **Indicator Lights:** Power, CPU, 5GHz, 2.4GHz, LAN Port
- **Power Supply:** Plug

Product Usage Instructions

Device Overview
The RLA-WE1 device features CPU, 5G and 2.4G wireless bands, LAN port, indicator lights, antennas, WPS buttons, and a reset button.

Initialization Procedure
Method 1: Using Reolink Wi-Fi NVR (Recommended)

1. Power on the device and connect it to the NVR's downstream port using an Ethernet cable.
2. Follow on-screen prompts to complete the initialization process.

Method 2: Using the Reolink App

1. Download the Reolink App from the App Store or Google Play store.
2. Position the initialized extender between your NVR/router and the area needing network extension.
3. Power on the device and follow instructions in the app to complete the initialization.

Optimal Placement Guidance

Choose between wired and wireless installation options based on your needs. Place the device near your NVR/router for optimal performance.
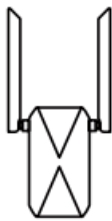
Checking Signal Strength

1. After setup, check the Wi-Fi signal strength using the indicator lights.
2. If signal is weak, move the extender closer to the device needing network extension.
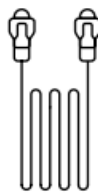
Legal Disclaimer
To the extent permitted by applicable law, your use of the Reolink products and services is at your sole risk. Reolink does not take responsibility for abnormal operation or damages resulting from cyber attacks. Technical support is available if needed.

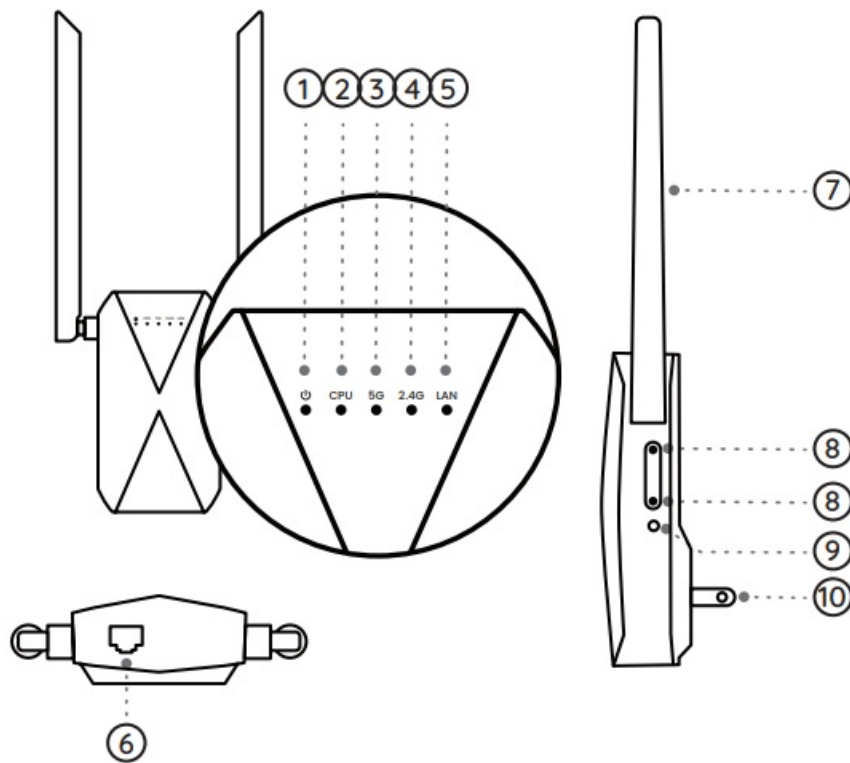# What's in the Box

RLA-WE1

Ethernet Cable

Pinhole Reset Tool

Quick Start Guide

Device Overview

1. Power Indicator Light

2. CPU Indicator Light

3. 5GHz Indicator Light

4. 2.4GHz Indicator Light

5. LAN Port Indicator Light

6. WAN/LAN Port

7. Antenna

8. WPS Buttons

9. Reset Button

   Press for more than five seconds to restore the device to default settings.

10. Plug

Indicator Light Status Guide:

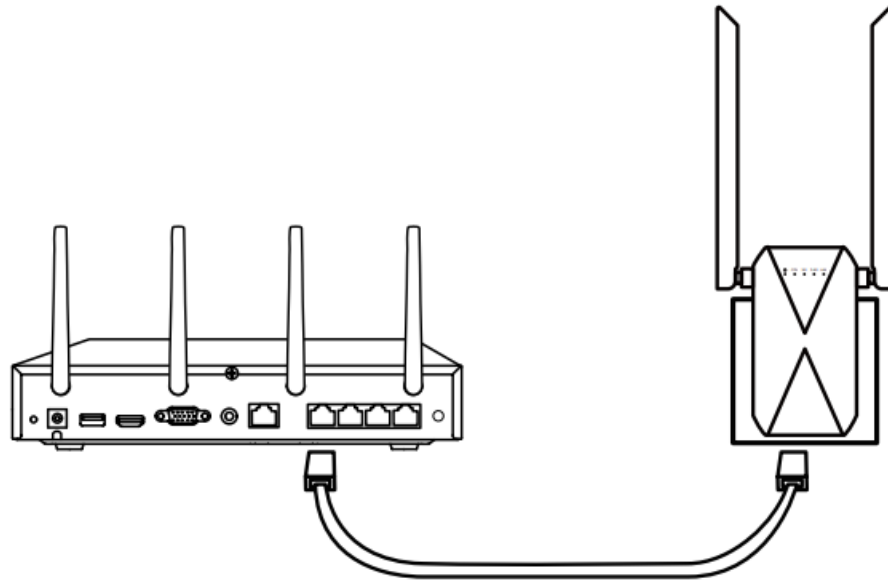| Power	On/Off	Device powered on/off.
CPU	Slow Flash	Normal operation.
	Quick Flash	Resetting.
2.4G/5G	Solid Green	Successfully connected to the NVR/router's 2.4G/5G Wi-Fi network with a good signal.
	Solid Orange	Connected to the NVR/router's 2.4G/5G Wi-Fi network with a weak signal.
	Off	Not connected to a Wi-Fi network.
LAN Port	On/Off	Ethernet port connected/not connected to a network cable.

Initialization Procedure

There are two methods to initialize the device:

Method 1: Using Reolink Wi-Fi NVR (Recommended)
Note: Pairing with a Reolink Wi-Fi NVR can create a Mesh network.
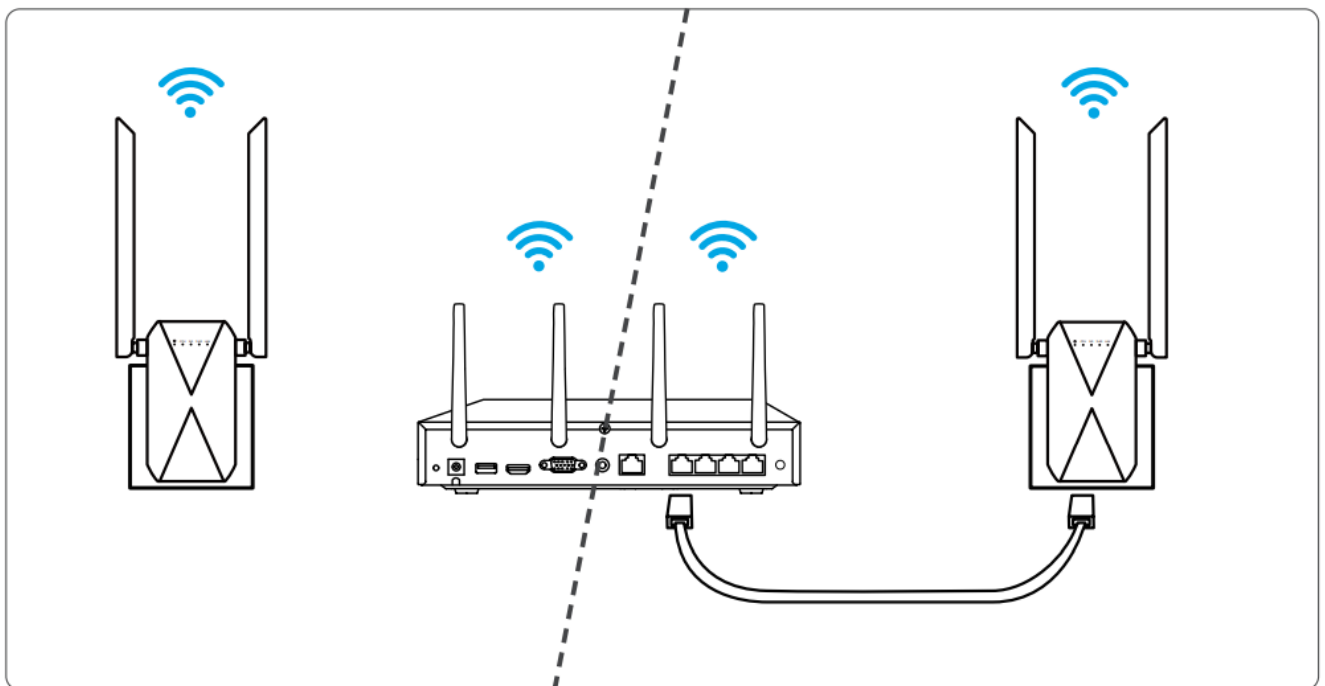
1. **Step 1:** Power on the device and connect it to the NVR's downstream port using an Ethernet cable. At this point, the power, CPU, and LAN indicator lights should all be on.

2. **Step 2:** Follow the on-screen prompts to complete the initialization process. Once connected, the 2.4G/5G indicator light will turn on.

Method 2: Using the Reolink App

1. **Step 1:** Scan to download the Reolink App from the App Store or Google Play store.

Wireless / Wired

2. **Step 2:**

- After a moment, the 2.4G/5G indicator light or the LAN indicator light will turn on.
- For a wireless connection, if the 2.4G/5G indicator light is not on or is orange, move the extender closer to the NVR/router for a better signal.
- For a wired connection, if the LAN indicator light is not on, check the connections at both ends of the cable.

3. **Step 3:** After extending the network, you can check the Wi-Fi signal strength with the following methods:
   - For NVR-connected devices, navigate to Settings -> Network on the NVR's monitor display.
   - For router-connected devices, access Homepage -> Device Page ->Settings -> Wi-Fi within the Reolink mobile app.

Note: If the signal of the device needing network extension is weak, move the extender closer to that device and repeat Steps 2 and 3. If you continue to have issues after setup, please contact our technical support team.

Legal Disclaimer

- To the maximum extent permitted by applicable law, this document and the product described, with its hardware, software, firmware, and services, are delivered on an "as-is" and "as-available" basis, with all faults and without warranty of any kind. Reolink disclaims all warranties, express or implied, including but not limited to, warranties of merchantability, satisfactory quality, fitness for a particular purpose, accuracy, and non-infringement of third-party rights.
- In no event will Reolink, its directors, officers, employees, or agents be liable to you for any special, consequential, incidental or indirect damages, including but not limited to damages for loss of business profits, business interruption, or loss of data or documentation, in connection with the use of this product, even if Reolink has been advised of the possibility of such damages.
- To the extent permitted by applicable law, your use of the Reolink products and services is at your sole risk and you assume all risks associated with internet access. Reolink does not take any responsibilities for abnormal operation, privacy leakage or other damages resulting from cyber attacks, hacker attacks, virus inspections, or other internet security risks. However, Reolink will provide timely technical support if required.
- The laws and regulations related to this product vary by jurisdiction.
- Please check all relevant laws and regulations in your jurisdiction before using this product to ensure that your use conforms to the applicable law and regulation. During the use of the product, you must comply with relevant local laws and regulations. Reolink is not responsible for any illegal or improper use and its consequences.
- Reolink is not liable in the event that this product is used with illegitimate purposes, such as third-party rights infringement, medical treatment, safety equipment, or other situations where the product failure could lead to death or personal injury, or for weapons of mass destruction, chemical and biological weapons, nuclear explosion, and any unsafe nuclear energy uses or antihumanity purposes. In the event of any conflicts between this manual and the applicable law, the latter prevails.

Notification of Compliance

- **Declaration of Conformity**
  Reolink declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and Directive 2014/30/EU.

- **FCC Compliance Statements**

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.

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.

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

FCC Radiation Exposure statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

ISED Compliance Statements
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

ISED Radiation Exposure statement
This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Note: Operation of 5150-5250 MHz is restricted to indoor use only in Canada.

Correct Disposal of This Product

This ▮▮▮ marking indicates that this product should not be disposed of with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling

Limited Warranty
This product comes with a 2-year limited warranty that is valid only if purchased from the Reolink Official Store or a Reolink authorized reseller. Learn more: **https://reolink.com/warranty-and-return/**.

Terms and Privacy
Use of the product is subject to your agreement to the Terms of Service and Privacy Policy at reolink.com. Keep out of reach of children.

Wi-Fi Operating Frequency
OPERATING FREQUENCY:
(The maximum transmitted power)

- 2.4 GHz EIRP < 20dBm

- 5 GHz EIRP <23dBm

- 5.8 GHz EIRP <14dBm

The functions of Wireless Access Systems including Radio Local Area Networks (WAS/RLANs) within the band 5150-5350 MHz for this device are restricted to indoor use only within all European Union countries (BE/BG/CZ/DK/DE/EE/IE/EL/ES/FR/HR/ IT/CY/LV/LT/ LU/HU/MT/NL/AT/PL/PT/RO/SI/SK/FI/SE/TR/N O/CH/IS/LI/UK(NI).

Technical Support
If you need any technical help, please visit our official support site and contact our support team before returning the products: **https://support.reolink.com**.

REOLINK INNOVATION LIMITED
FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG

WARNING
This product can expose you to the chemical lead, which is known to the state of California to cause cancer. For more information, go to **www.P65Warnings.ca.gov**

Documents / Resources

	reolink RLA-WE1 Dual Band Wi-Fi Extender/ Signal Booster [pdf] User Guide 2404C, 2AYHE-2404C, 2AYHE2404C, RLA-WE1 Dual Band Wi-Fi Extender Signal Booster, RLA-WE1, Dual Band Wi-Fi Extender Signal Booster, Wi-Fi Extender Signal Booster, Extender Signal Booster, Signal Booster, Booster

References

- **Reolink Official: Security Cameras and Systems for Home & Business**
- **P65Warnings.ca.gov**
- **reolink.com/warranty-and-return/**
- **User Manual**