

EN: WIFINA – USER MANUAL

Product specifications

Model Number: WS-010

Input Rating: 110–240 V~ 50/60 Hz

Output Rating: DC 5 V / 1 A

Wireless Security: 64/128-bit WEP; WPA/WPA2; WPA-PSK/WPA2-PSK (TKIP/AES)

Interfaces: 2 × 10/100 Mbps LAN ports

Antenna Type: 4 × 2 dBi external antennas

Frequency Band: 2.4 GHz

Maximum Radio Frequency Power: 9.90 dBm

LED Indicators



1. LAN LED

- **On:** The LAN port is connected.
- **Off:** The LAN port is disconnected.
- **Flashing:** Data is being transmitted to or from a network device.

2. WLAN LED: Indicates the wireless signal status.

3. WiFi LED: Remains on when the device is connected to a wireless network.

4. Power LED: After plugging in the power supply, wait approximately 15 seconds for the Power LED to turn on. The device will then start normally.

Button and Port Description

Reset Button (Left side):

Used to restore the extender to factory default settings. When the device is powered on, press and hold the reset button for approximately 8 seconds. Release the button once the indicator light changes, indicating a successful reset.

LAN Port:

One 100 Mbps RJ45 Ethernet port.

- **Repeater Mode:** Used to connect Ethernet-enabled devices to the Wi-Fi network.
- **AP Mode:** Used to connect the extender to a router via Ethernet, converting a wired connection into a wireless signal.

Quick Installation

Note: If a network cable is required, connect it **after** completing the configuration.

1. Repeater Mode (Wireless Signal Extender)

- A. Extend your Wi-Fi signal wirelessly without using cables, reducing wiring complexity.



- B. Extend your Wi-Fi signal using an Ethernet cable to provide a more stable connection between your device and the extender.



2. AP Mode (Access Point Mode)

Functions as a wired signal extender. Connect the router and the extender using an Ethernet cable to improve Wi-Fi performance in areas with weak wireless signals.



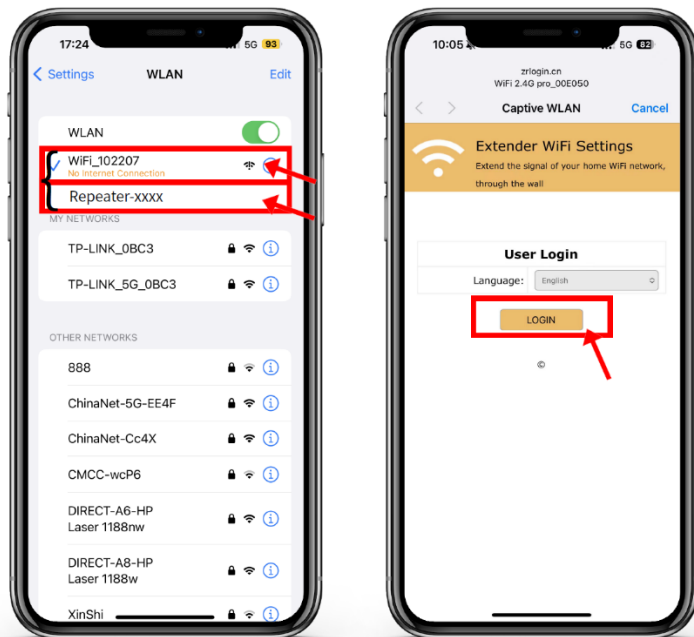
Connecting to the Extender

When the device is operating normally, use your mobile phone to search for and connect to:
WiFi-XXXXXX or **Repeater-XXXXXX**

(XXXXXX represents the last six characters of the extender's MAC address.)

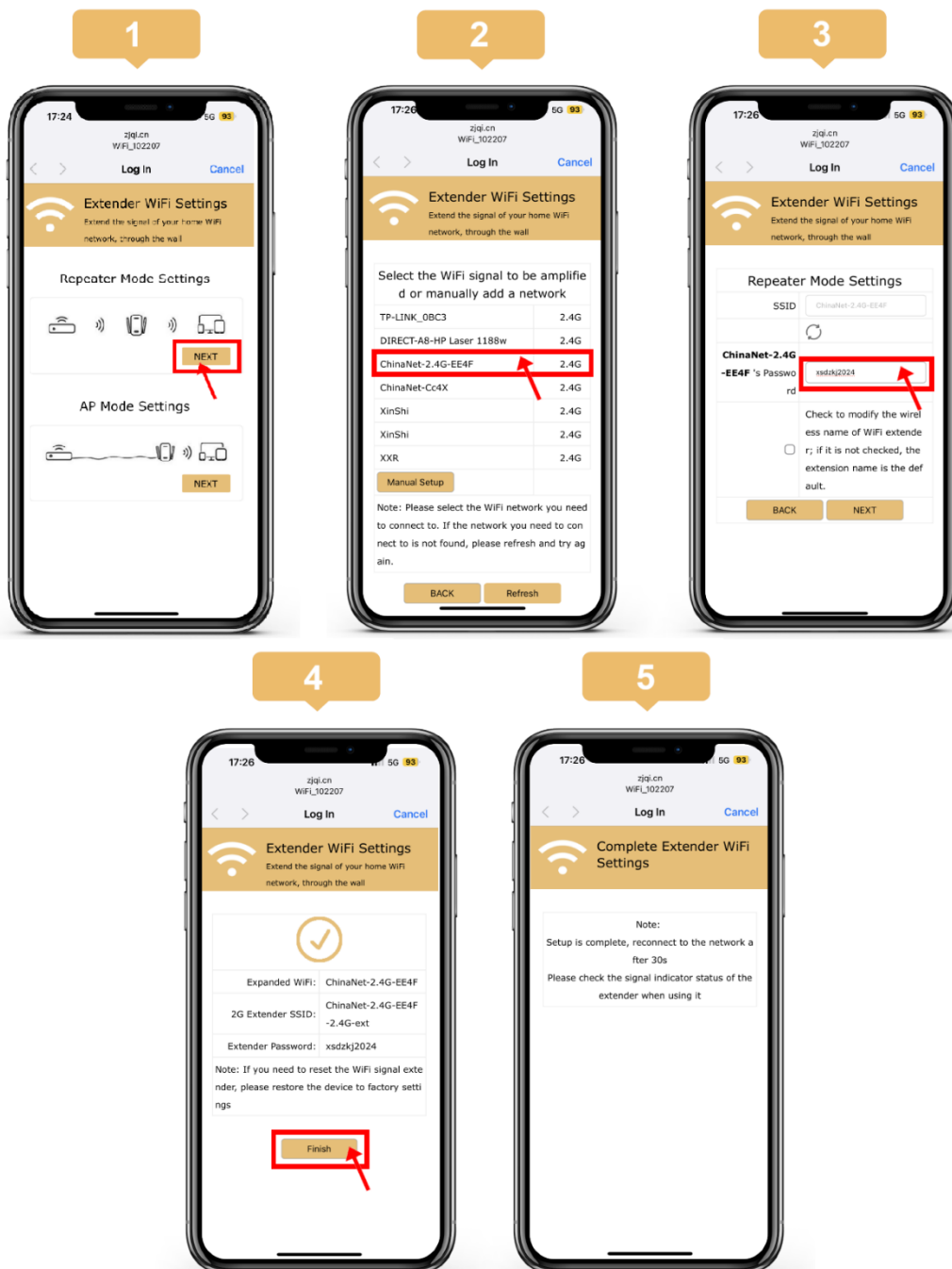
Note: If your mobile device does not automatically open the setup page after connecting:

- Select **“Forget”** the connected Wi-Fi network in your phone's Wi-Fi settings.
- Turn Wi-Fi off and then back on, reconnect to the extender network, or
- Manually enter **192.168.11.1** in your web browser.



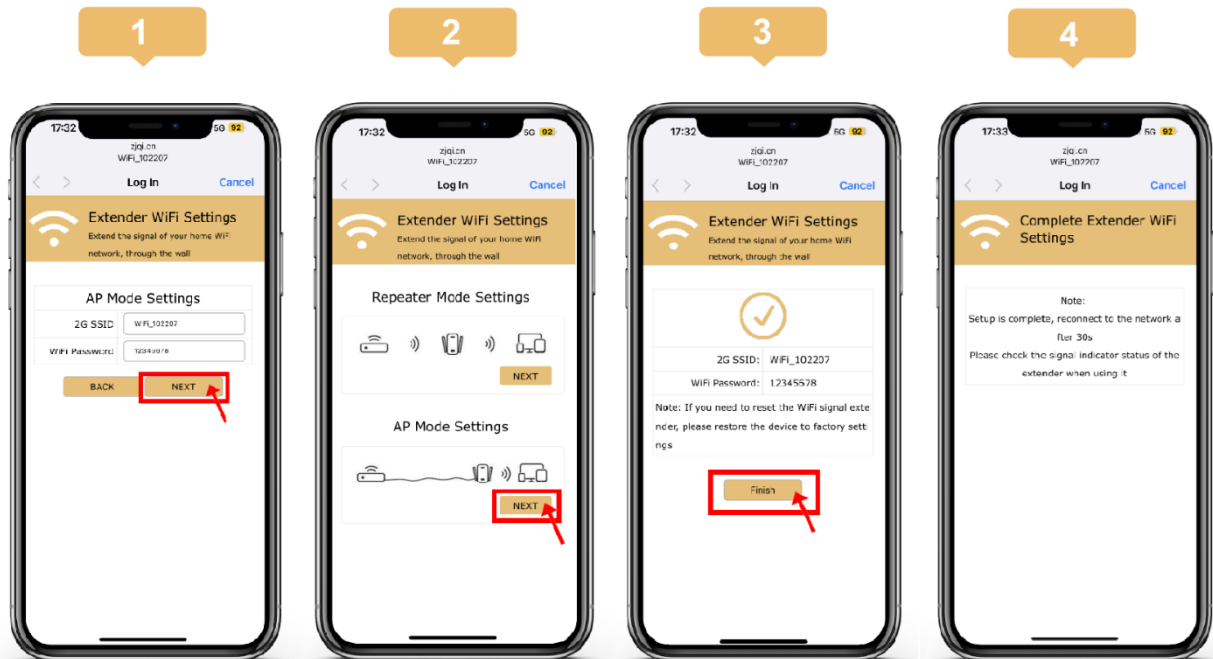
Wi-Fi Repeater Mode Setup

- **Step 1:** Select **Repeater Mode** to enter the network search page.
- **Step 2:** Choose the wireless network you want to extend. If the network is hidden, add it manually.
- **Step 3:** Enter your router's Wi-Fi password and click **"Next."**
If you prefer a different network name, enter a new SSID.
- **Step 4:** Click **"Finish"** to complete the Repeater Mode configuration.
(By default, the extended Wi-Fi password is the same as the router's password.)
- **Step 5:** Repeater Mode setup is complete.



AP Mode Setup

- **Step 1:** Select **AP Mode** to enter the configuration page.
- **Step 2:** Set the wireless network name and password (minimum 8 characters). The name and password can be customized according to your preference.
- **Step 3:** Click “**Finish**” to complete the AP Mode configuration.
- **Step 4:** AP Mode setup is complete.



FAQ – Frequently Asked Questions

Q1: What should I do if I cannot access the extender’s web management page?

- **A1:** Ensure your device is connected to the extender’s wireless network.
- **A2:** Make sure your device is set to obtain an IP address automatically.
- **A3:** If the extender is already connected to your router, check your router’s DHCP client list to find the extender’s current IP address.
- **A4:** Reset the extender and try again.

Q2: Why does the wireless speed decrease even though the signal is stronger after using the extender?

According to wireless transmission protocols, repeaters operate in **half-duplex mode** rather than full-duplex. This means the extender must alternately receive and transmit data between the main router and connected devices. As a result, transmission time increases and overall speed decreases.

It is recommended to use the extender primarily to expand coverage in areas with weak signals or to eliminate Wi-Fi dead zones, rather than to increase maximum speed.

Q3: Why can't devices connected to the extender obtain an IP address or access the Internet?

- **A1:** Your router may have MAC filtering, wireless access control, or an Access Control List (ACL) enabled. Disable these settings in your router configuration.
- **A2:** The extender may not be successfully connected to your router. Reset the extender and reconfigure it.
- **A3:** The router's IP address pool may be full or occupied. Restart your router, then reset and reconfigure the extender.

Q4: How do I set up the WPS function?

- **A1:** After powering on the extender, briefly press the WPS button on both the extender and the main router. The devices will automatically pair.
- **A2:** The WPS function only works if the main router also supports WPS.
- **A3:** WPS can only be configured when the extender is in factory default mode.
Note: Once WPS setup is successful, the extender will automatically switch to Repeater Mode.

Q5: What should I do if I want to reset the Wi-Fi name and password?

Press and hold the reset button for approximately 10 seconds until the indicator light flashes slowly. This indicates the reset was successful. The extender will return to factory default settings.

INSTRUCTIONS FOR RECYCLING AND DISPOSAL:



This label means that the product cannot be disposed of as other household waste throughout the EU. To prevent potential damage to the environment or human health from uncontrolled waste disposal. Recycle responsibly to promote the sustainable use of material resources. If you want to return a used device, use the drop-off and collection system, or contact the retailer from whom you bought the product. The retailer can accept the product for environmentally safe recycling.



A declaration by the manufacturer that the product complies with the requirements of the applicable EU Directives.

EU DECLARATION OF CONFORMITY
According to EC Directive - CE

Manufacturer: Shenzhen Wansan Digital Technology Co., LTD
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This declaration of conformity is issued under the sole responsibility of the manufacturer.

Product name: WIFINA 4G/5G (WiFi signal amplification repeater)

Model no.: ws-010

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

EMC Directive 2014/30/EU

Low Voltage Directive 2014/35/EU

Radio Equipment Directive 2014/53/EU

RoHS Directive 2011/65/EU Annex II amending Annex (EU) 2015/863

References to the relevant harmonized standards used or references to the other technical specifications in relation to which conformity is declared:

EN IEC 62311:2020

IEC 62368-1:2018

EN IEC 62368-1:2020+A11:2020

ETSI EN 301 489-1 V2.2.3

ETSI EN 301 489-17 V3.2.4

ETSI EN 300 328 V2.2.2

IEC 62321-1:2013

IEC 62321-3-1:2013

IEC 62321-4:2013+A1:2017

IEC 62321-5:2013

IEC 62321-6:2015

IEC 62321-7-1:2015

IEC 62321-7-2:2017

IEC 62321-8:2017

Imported by: HS PLUS D.O.O., Gmajna 8, 1236 Trzin, Slovenia, EU

Signed for and on behalf of (company name): Shenzhen Wansan Digital Technology Co., LTD

Place and date of issue: Shenzhen, 2026.01.06

Name, function: Chen Wansui, General manager

Signature:

Stamp:

