KuWFi C910SP

KuWFi C910SP 4G LTE Router Instruction Manual

Model: C910SP | Brand: KuWFi

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your KuWFi C910SP 4G LTE Router. Please read this manual thoroughly before using the device to ensure proper functionality and safety. The KuWFi C910SP is a 4G modem with Wi-Fi hotspot capabilities, designed to provide high-speed internet access by converting a 4G SIM card connection into a Wi-Fi network for up to 32 users.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- KuWFi C910SP 4G LTE Router
- Power Adapter
- Ethernet Cable
- User Manual

The package includes the KuWFi C910SP router unit, a power adapter for electrical connection, an Ethernet cable for wired network setup, and a user manual for detailed instructions.

3. PRODUCT OVERVIEW

3.1. Device Layout

The rear panel of the router features the power input, a reset button, two LAN ports for wired connections, a WAN port for external internet connection, and the dedicated slot for inserting the SIM card.

3.2. Indicators

- **Power Indicator:** Indicates the power status of the device.
- **Wi-Fi Indicator:** Shows the status of the Wi-Fi network.
- **4G LTE Signal Indicator:** Displays the strength of the 4G LTE signal.

4. SETUP

4.1. SIM Card Installation

1. Ensure the router is powered off.
2. Locate the SIM card slot on the rear panel of the router.
3. Insert a standard-sized 4G SIM card into the slot with the metal contacts facing down and the notched corner oriented correctly. Push until it clicks into place.
4. Ensure your SIM card is activated and its frequency band is compatible with the router (B1/B3/B7/B8/B20 for 4G LTE FDD; B38/B39/B40/B41 for 4G LTE FDD; B1/B8 for 3G WCDMA).
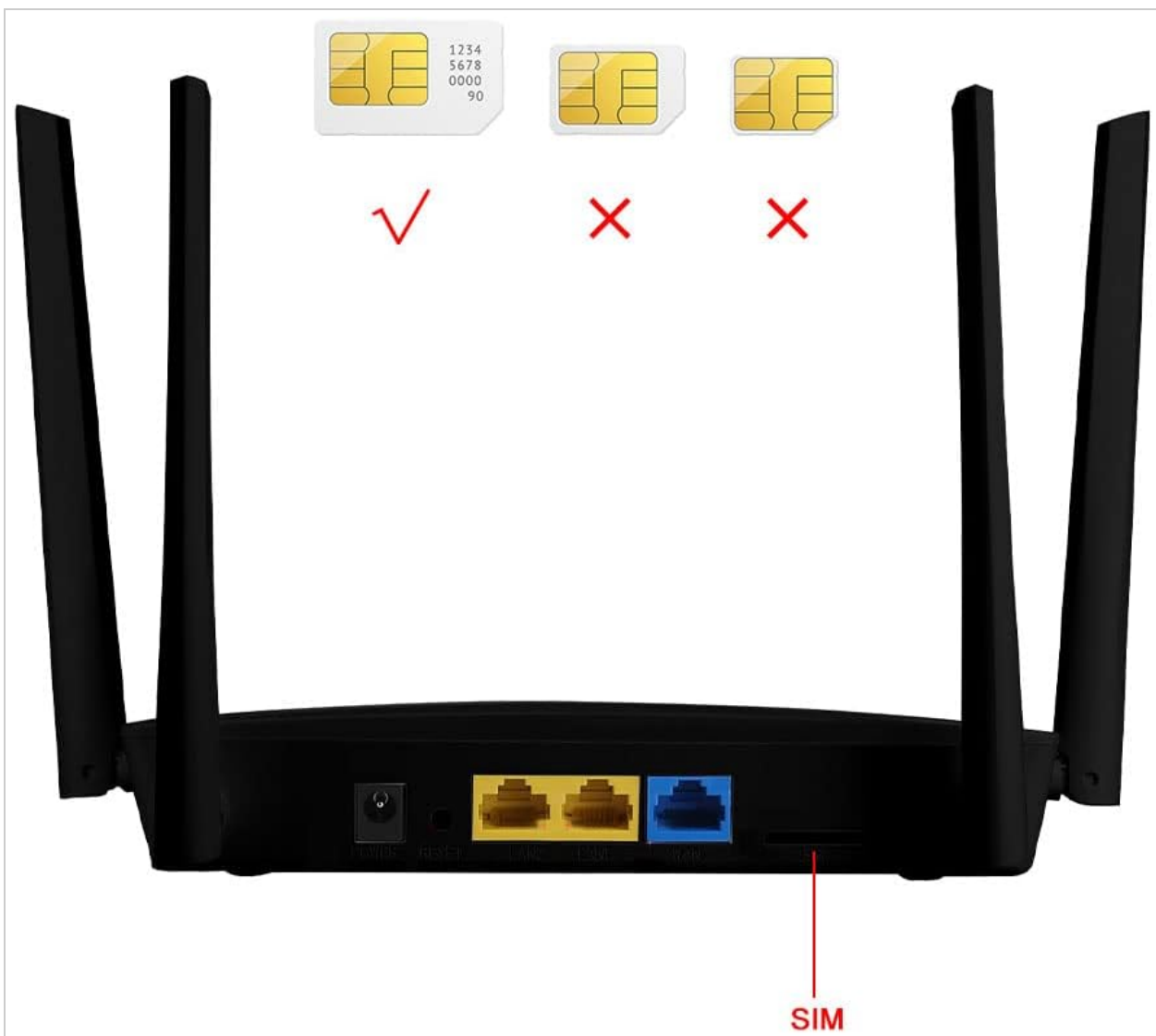
This image illustrates the compatible SIM card size for the router. Only standard-sized SIM cards are supported. Micro and Nano SIM cards are not compatible and should not be used directly without an adapter.

4.2. Power Connection

1. Connect the power adapter to the router's power input port.
2. Plug the other end of the power adapter into a standard electrical outlet.
3. The power indicator light on the router should illuminate, indicating the device is receiving power.

4.3. Initial Wi-Fi Connection

1. Wait for the router to boot up completely. The Wi-Fi and 4G LTE signal indicators should stabilize.
2. On your computer or mobile device, search for available Wi-Fi networks.
3. Select the network with SSID:**CPE_2.4G_001A60**.
4. Enter the default Wi-Fi password:**12345678**.
5. Once connected, your device should have internet access via the router's 4G connection.

5. OPERATING INSTRUCTIONS

5.1. Accessing the Web Management Interface

To configure advanced settings, access the router's web management interface:

1. Ensure your device is connected to the router's Wi-Fi network or via an Ethernet cable.

2. Open a web browser (e.g., Chrome, Firefox, Edge).

3. In the address bar, type the default IP address:**192.168.10.1** and press Enter.

4. On the login page, enter the default username and password:**admin** for both.

5. Click 'Login' to access the router's settings.

5.2. Basic Wireless Settings

Within the web interface, navigate to**Wireless Setting > 2.4G Basic Setting** to modify your Wi-Fi network details:

- **SSID:** Change the network name (e.g., "MyHomeWiFi").
- **Password:** Update the Wi-Fi password for security.
- **Channel:** Adjust the Wi-Fi channel if experiencing interference.
- **Band Width:** Select appropriate bandwidth (e.g., 20MHz, 40MHz).

Remember to click 'Save' after making any changes.

6. ADVANCED SETTINGS

The web management interface offers various advanced configurations:

6.1. Network Settings

- **WAN Setting:** Configure the Wide Area Network connection. Default is DHCP.
- **LAN Setting:** Adjust the router's Local Area Network IP address and subnet mask.
- **DHCP Setting:** Manage the DHCP server, including IP address range and lease time.
- **4G Setting:** Configure 4G dial-up settings, including APN (Access Point Name). You may need to disable SIM PIN and manually set the APN based on your operator's information.
- **VPN Setting:** Supports OpenVPN, PPTP, and L2TP client configurations.
- **Ping Reboot:** Configure the router to automatically reboot if it loses internet connectivity (ping target).

6.2. System Admin

- **Web Access Control:** Manage access to the web interface.
- **Backup/Restore:** Save or load router configurations.
- **Firmware Upgrade:** Update the router's firmware.
- **Time Setting:** Configure the device's time and date.
- **Reboot:** Restart the router.
- **System Log:** View system activity and error logs.

6.3. Advanced Setting

- **Intranet Passthrough:** Configure internal network passthrough rules.
- **DTU Setting:** Data Transfer Unit settings.
- **Remote Help:** Enable or disable remote assistance features.
- **DMZ Setting:** Configure a Demilitarized Zone.
- **Port Mapping:** Set up port forwarding rules.
- **Static Route:** Configure static routing entries.

7. TROUBLESHOOTING

If you encounter issues with your KuWFi C910SP router, refer to the following common problems and solutions:

- **No Internet Connection:**
    - Check if the 4G LTE signal indicator is lit and stable.
    - Ensure the SIM card is correctly inserted and activated.
    - Verify the APN settings in the web interface (Network Setting > 4G Setting). Contact your mobile operator for correct APN details.
    - Confirm that your SIM card supports the router's frequency bands.
    - Restart the router and your connected device.

- **Weak Wi-Fi Signal or Frequent Disconnections:**
    - Relocate the router to a central position, away from obstacles and interference sources (e.g., microwaves, cordless phones).
    - Adjust the Wi-Fi channel in the web interface (Wireless Setting > 2.4G Basic Setting) to avoid crowded channels.
    - Ensure the router's antennas are properly oriented.

- **Cannot Access Web Management Interface:**
    - Verify that your device is connected to the router's network.
    - Ensure you are typing the correct IP address (192.168.10.1) in the browser.
    - Clear your browser's cache and cookies, or try a different browser.
    - Confirm the login credentials (default: admin/admin).
    - If you have forgotten your password, you may need to perform a factory reset (see Section 8.1).

- **Slow Internet Speed:**
    - Check the 4G signal strength. A weak signal will result in slower speeds.
    - Ensure no other devices are consuming excessive bandwidth.
    - Contact your mobile operator to check for network issues in your area.

7.1. Factory Reset

If troubleshooting steps do not resolve the issue, you can perform a factory reset. This will revert all settings to their default values.

1. With the router powered on, locate the 'Reset' button on the rear panel.
2. Use a paperclip or a thin object to press and hold the 'Reset' button for approximately 10 seconds.
3. Release the button when the router's indicator lights flash.
4. The router will reboot with factory default settings. You will need to reconfigure it.

8. SPECIFICATIONS

Feature	Specification
Brand	KuWFi
Model	C910SP
Product Dimensions	24 x 7 x 25.5 cm; 530 g

Operating System	RouterOS
Compatible Devices	Computer, Mobile Phone, Television
Special Features	Wireless, Wi-Fi
Voltage	12 Volts
Data Transfer Rate	300 Megabits per second (Wi-Fi)
Wireless Connection Type	802.11n
Frequency	2.4 GHz
Number of Ports	2 (LAN)
Communication Interface	Wireless_n
Connector Type	Wi-Fi
Security Protocol	WPS
4G LTE FDD Bands	B1/B3/B7/B8/B20 (2100/1800/2600/900/800MHZ)
4G LTE FDD Bands	B38/B39/B40/B41 (2600/1900/2300MHZ)
3G WCDMA Bands	B1/B8 (2100/900MHZ)

9. SAFETY INFORMATION

- Do not expose the device to water, fire, or high temperatures.
- Use only the provided power adapter.
- Avoid placing the router near strong electromagnetic fields.
- Do not attempt to disassemble or repair the device yourself.
- Keep the device out of reach of children.

10. WARRANTY AND SUPPORT

KuWFi offers the following support for your C910SP router:

- **30-Day Full Refund:** Return your undamaged router within 30 days of purchase for any reason to receive a full refund.
- **12-Month Quality Warranty:** For 12 months after the purchase date, all quality-related issues are covered with a replacement or full refund.

For further assistance, please contact KuWFi customer service.