

Yoidesu CP102

Yoidesu CP102 4G LTE Mobile Hotspot Router User Manual

Model: CP102

1. INTRODUCTION

The Yoidesu CP102 is a versatile 4G LTE Mobile Hotspot Router designed to provide high-speed internet access in various environments. It supports 4G LTE connectivity with a standard SIM card, offering download speeds up to 150 Mbps and upload speeds up to 50 Mbps. This device can function as both a 4G LTE router and a mobile hotspot, allowing multiple devices to connect simultaneously via Wi-Fi or Ethernet.

2. PRODUCT OVERVIEW

2.1 Key Features

- **4G LTE Connectivity:** Supports standard SIM cards for high-speed internet access (SIM card not included).
- **High-Speed Performance:** Delivers download speeds up to 150 Mbps and upload speeds up to 50 Mbps.
- **Enhanced Signal Strength:** Equipped with external antennas for optimal coverage and reliable signal.
- **Multi-Device Support:** Connects to multiple devices including desktop computers, monitors, switches, cash registers, TVs, and tablets.
- **Portable Design:** Features a built-in battery for internet access while traveling.
- **Versatile Usage:** Functions as both a 4G LTE router and a mobile hotspot.

2.2 Device Layout

Familiarize yourself with the various ports and indicators on your CP102 router.

Separate wireless and 4G ports

Provides optimal coverage and reliability with improved signal strength
Lets you enjoy reliable wireless connectivity anytime, anywhere
With SIM card slot
Simply insert your SIM card
Provides fast WiFi in your living room, bedroom or even office

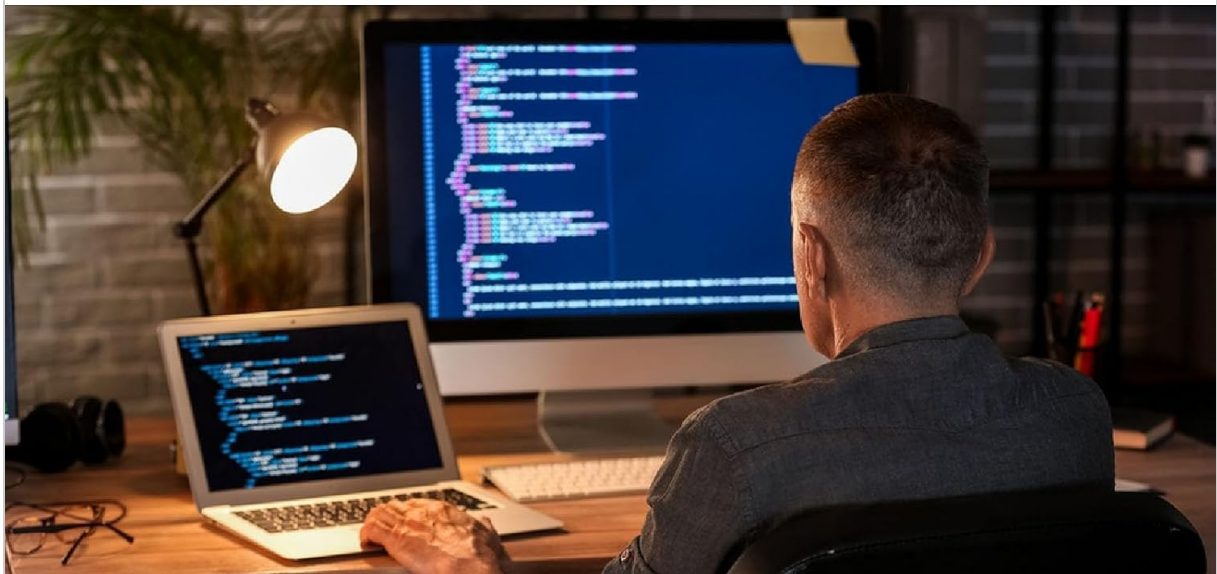


Figure 2.2.1: Front and rear view of the CP102 router, highlighting the SIM card slot and various ports.

The image above displays the front and rear of the CP102 router. On the rear, you can locate the SIM card slot, which is essential for 4G LTE connectivity. Additionally, the router features multiple ports for wired connections and external antennas for improved signal reception.

Plug in Internet

Easy access to the Internet.

WiFi devices (smartphones, tablets, PCs) can access the Internet through this device

One touch shutdown

One touch encryption

Support wireless card



Figure 2.2.2: Close-up of the LAN ports and power connector on the CP102 router.

This image provides a detailed view of the rear panel, specifically showing the LAN ports (yellow) for connecting devices via Ethernet cable and the power connector for the adapter. The device also includes indicators for power, Wi-Fi, and signal strength on the top panel.

3. SETUP

3.1 Package Contents

Before you begin, ensure all items are present in the package:



Figure 3.1.1: All components included in the Yoidesu CP102 package.

- 1 x Mobile Hotspot Unit
- 1 x Power Adapter (US Plug 100-240V)
- 2 x External Antennas
- 1 x Network Cable
- 1 x Bracket
- 1 x User Manual (this document)

3.2 Initial Installation

1. **Insert SIM Card:** Locate the standard SIM card slot on the router. Gently insert your activated standard SIM card into the slot until it clicks into place. Ensure the SIM card is correctly oriented.
2. **Attach Antennas:** Screw the two external antennas onto the designated antenna ports at the rear of the router. Tighten them securely but do not overtighten.
3. **Connect Power:** Connect the power adapter to the router's power input port and then plug the adapter into a standard electrical outlet (100-240V).
4. **Position Router:** Place the router on a stable surface, ideally using the provided bracket, in an area with good cellular signal reception.

5. **Power On:** Press the power button on the router. The indicator lights will illuminate as the device starts up. Wait for the 4G/LTE signal indicator to show a stable connection.

4. OPERATING INSTRUCTIONS

4.1 Connecting Devices via Wi-Fi

Once the router is powered on and has established a 4G LTE connection (indicated by a stable signal light), you can connect your Wi-Fi enabled devices.

1. **Find Network Name (SSID):** On your device (smartphone, tablet, laptop), open the Wi-Fi settings. Look for the network name (SSID) of your CP102 router. This is typically printed on a label on the bottom or back of the router.
2. **Enter Password:** Select the router's SSID and enter the Wi-Fi password (also found on the router's label).
3. **Connect:** Confirm the connection. Your device should now be connected to the internet via the CP102 hotspot.

4.2 Connecting Devices via LAN Cable

For devices without Wi-Fi or for a more stable wired connection, use the provided network cable.

1. **Connect Cable:** Plug one end of the network cable into one of the LAN ports on the rear of the CP102 router.
2. **Connect to Device:** Plug the other end of the network cable into the Ethernet port of your computer, switch, or other network-enabled device.
3. **Verify Connection:** The device should automatically detect the wired connection and gain internet access.

4.3 Using WPS (Wi-Fi Protected Setup)

The CP102 supports WPS for easy connection of compatible devices without entering the Wi-Fi password.

1. **Activate WPS on Router:** Press the WPS button on the CP102 router (refer to the device layout for exact location). The WPS indicator light will start blinking.
2. **Activate WPS on Device:** Within two minutes, activate the WPS function on your client device (e.g., a Wi-Fi adapter, printer).
3. **Connection:** The devices will automatically connect. The WPS indicator on the router will stop blinking once connected.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the router. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure the router is placed in a well-ventilated area to prevent overheating. Do not block ventilation openings.
- **Environment:** Avoid exposing the router to extreme temperatures, direct sunlight, high humidity, or corrosive environments.
- **Firmware Updates:** Periodically check the manufacturer's website for any available firmware updates to ensure optimal performance and security.

6. TROUBLESHOOTING

6.1 No Internet Connection

- **Check SIM Card:** Ensure the SIM card is correctly inserted and activated with a data plan.
- **Signal Strength:** Verify the 4G/LTE signal indicator on the router. If the signal is weak or absent, try repositioning the router or adjusting the external antennas.
- **Power:** Confirm the router is powered on and the power adapter is securely connected.
- **Restart:** Try restarting the router by powering it off and then on again.

6.2 Cannot Connect to Wi-Fi

- **Wi-Fi Enabled:** Ensure Wi-Fi is enabled on your client device.
- **Correct Password:** Double-check that you are entering the correct Wi-Fi password (SSID and password are usually on a label on the router).
- **Distance:** Move your device closer to the router to rule out range issues.
- **Router Status:** Verify the Wi-Fi indicator light on the router is on.

6.3 Slow Internet Speed

- **Signal Strength:** A weak 4G/LTE signal can lead to slow speeds. Improve signal by repositioning the router.
- **Network Congestion:** High network traffic from your service provider or too many devices connected to the hotspot can reduce speeds.
- **Data Plan:** Check if your SIM card's data plan has any speed limitations or if you have exceeded your data allowance.

7. SPECIFICATIONS

Feature	Description
Item Type	4G LTE Mobile Hotspot
Material	ABS
Plug Voltage	100-240V
SIM Slot	Standard SIM (Not Included)
Frequency Band	B1/3/5/8/38/39/40/41 (Applicable Regions: Asia)
Data Transfer Rate	Up to 150 Mbps (Download), 50 Mbps (Upload), 300 Mbps (Wi-Fi)
Operating System	RouterOS
Compatible Devices	Laptop, Personal Computer, Smart Television, Tablet
Special Features	WPS
Antenna Type	External (2x)

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Yoidesu website. Keep your purchase receipt for warranty claims.