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› HUAWEI B315s-22 4G LTE Mobile Wi-Fi Router User Manual

HUAWEI B315s-22

HUAWEI B315s-22 4G LTE Mobile Wi-Fi Router User Manual

MODEL: B315s-22

1. Introduction

This user manual provides detailed instructions for the installation, operation, and maintenance of your HUAWEI B315s-22 4G LTE Mobile Wi-Fi Router. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage. Keep this manual for future reference.

2. Product Overview

The HUAWEI B315s-22 is a high-performance 4G LTE Mobile Wi-Fi Router designed to provide reliable internet access for multiple devices. It supports 4G LTE networks, offering fast download and upload speeds, and features multiple LAN ports for wired connections, alongside robust Wi-Fi capabilities.

Key Features:

- **4G LTE Connectivity:** Supports various LTE bands (B1/B3/B7/B8/B20/B38) for wide network compatibility.
- **High-Speed Internet:** Up to 150 Mbps download and 50 Mbps upload speeds.
- **Wi-Fi Hotspot:** Connects up to 32 Wi-Fi users simultaneously.
- **Multiple Ports:** Includes 4 LAN ports for wired devices and 1 RJ11 port for telephone services.
- **Standard SIM Card Support:** Utilizes a standard-sized SIM card for mobile data.
- **WPS Functionality:** For easy and secure Wi-Fi connection setup.

Device Layout:



Figure 2.1: Front View. This image displays the front of the HUAWEI B315s-22 router, featuring its status indicator lights and the HUAWEI logo. Two external antennas are visible, extended upwards from the rear of the device.



Figure 2.2: Rear View. This image shows the back panel of the HUAWEI B315s-22 router, highlighting the power input, four Ethernet LAN ports, one RJ11 telephone port, and the external antenna connectors.



Figure 2.3: Side View. This image presents a side profile of the HUAWEI B315s-22 router, illustrating its sleek and compact design without the external antennas attached.



Figure 2.4: Router in Use. This image shows the HUAWEI B315s-22 router positioned on a white desk in a typical indoor environment, demonstrating its size and appearance in a practical setting.

3. Setup

3.1 Unpacking and Contents Verification

Before proceeding with the setup, ensure all components are present in the package:

- HUAWEI B315s-22 4G LTE Mobile Wi-Fi Router
- Power Supply Adapter
- Ethernet Cable
- Quick Start Guide

3.2 SIM Card Insertion

1. Power off the router and disconnect the power adapter.
2. Locate the SIM card slot, typically on the side or bottom of the device.
3. Insert a standard-sized 4G LTE SIM card into the slot with the gold contacts facing down and the notched corner oriented correctly. Ensure it clicks into place.
4. If your SIM card has a PIN, it is recommended to disable the PIN using a mobile phone before inserting it into the router to avoid configuration issues.

3.3 Power Connection

1. Connect the power supply adapter to the router's power input port.
2. Plug the power adapter into a suitable electrical outlet.
3. Press the power button on the router to turn it on. Wait for the indicator lights to stabilize.

3.4 Initial Connection

You can connect to the router via Wi-Fi or Ethernet cable.

- **Wi-Fi:** On your computer or mobile device, search for available Wi-Fi networks. Select the network name (SSID) printed on the label at the bottom of the router. Enter the Wi-Fi password (Key) also found on the label.
- **Ethernet:** Connect one end of the provided Ethernet cable to a LAN port on the router and the other end to your computer's Ethernet port.

3.5 Accessing the Web Management Interface

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

1. Open a web browser (e.g., Chrome, Firefox, Edge).
2. In the address bar, type the default IP address (usually **192.168.8.1** or **192.168.1.1**) and press Enter. Refer to the router's label for the exact IP address.
3. Enter the default username and password (often **admin/admin** or found on the router's label).
4. Follow the on-screen prompts for initial setup, including changing default passwords for security.

4. Operating Instructions

4.1 Connecting Devices

- **Wi-Fi:** Up to 32 devices can connect wirelessly. Ensure your device's Wi-Fi is enabled and select the router's SSID. Enter the password when prompted.
- **Ethernet:** Use the 4 LAN ports to connect wired devices such as computers, smart TVs, or gaming consoles.
- **Telephone (RJ11):** Connect a standard analog telephone to the RJ11 port for VoIP services, if supported by your SIM card provider and configured through the web interface.

4.2 Using WPS (Wi-Fi Protected Setup)

WPS allows for a quick and secure connection to your Wi-Fi network without manually entering the password:

1. Press the WPS button on the router (refer to the device diagram for location).
2. Within two minutes, activate WPS on your Wi-Fi device (e.g., by pressing its WPS button or selecting the WPS option in its Wi-Fi settings).
3. The devices will automatically connect.

4.3 LED Indicators

The LED indicators on the front panel provide information about the router's status:

- **Power Indicator:** Solid green when powered on.
- **Network Mode Indicator:** Indicates the current network type (e.g., blue for 4G, green for 3G).
- **Wi-Fi Indicator:** Solid when Wi-Fi is active, blinking during data transfer.
- **Signal Strength Indicator:** Displays the strength of the mobile network signal (more bars/lights indicate stronger signal).

5. Maintenance

5.1 Cleaning

Regularly clean the router with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.

5.2 Firmware Updates

Periodically check for firmware updates through the web management interface. Firmware updates can improve performance, add new features, and enhance security. Follow the instructions provided within the interface for safe updating.

5.3 Resetting the Device

If the router is not functioning correctly, you may perform a factory reset. This will revert all settings to their default values. Locate the reset button (often a small pinhole) on the router, press and hold it for approximately 10 seconds using a paperclip or similar tool while the device is powered on. Release the button when the indicators flash.

6. Troubleshooting

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

- **No Signal/Poor Signal:**
 - Ensure the SIM card is correctly inserted and activated.
 - Relocate the router to an area with better mobile network coverage.
 - Consider using external antennas (if available and supported by your model) to boost signal reception.
 - Check the network mode indicator on the router.
- **No Internet Access:**
 - Verify your SIM card has an active data plan.
 - Check the APN (Access Point Name) settings in the web management interface. These are usually auto-configured but may require manual entry for some providers.
 - Restart the router and your connected devices.
- **Wi-Fi Connection Issues:**

- Ensure Wi-Fi is enabled on the router and your device.
- Verify the Wi-Fi password.
- Reduce the distance between your device and the router, or remove obstacles.
- Check if too many devices are connected (maximum 32 users).

- **Web Management Interface Inaccessible:**

- Ensure your device is connected to the router via Wi-Fi or Ethernet.
- Verify the correct IP address (e.g., 192.168.8.1) is entered in the browser.
- Clear your browser's cache or try a different browser.
- Perform a factory reset if all else fails (see Section 5.3).

7. Specifications

Feature	Specification
Model	HUAWEI B315s-22
Brand	HUAWEI
Operating System	RouterOS
Dimensions (L x W x H)	5.2 x 8.2 x 3.6 cm
Weight	275 g
Wi-Fi Frequency	2.4 GHz
Wi-Fi Protocol	802.11b/g/n
4G LTE Bands	B1/B3/B7/B8/B20/B38 (800/900/1800/2100/2600Mhz)
3G UMTS Bands	2100/900Mhz
Max Download Speed	150 Mbps
Max Upload Speed	50 Mbps
LAN Ports	4 (RJ45)
Telephone Port	1 (RJ11)
SIM Card Type	Standard SIM
Max Wi-Fi Users	32
Special Features	WPS
Included Components	Router, Power Supply Adapter, Ethernet Cable, Quick Start Guide

8. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official HUAWEI website. Technical support and customer service contact details can also be found on the HUAWEI official support pages. Please have your product model and serial number ready when contacting support.

Online Resources: For the latest drivers, firmware updates, and additional support documentation, please visit the official HUAWEI support website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question