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VSVABEFV R816US

VSVABEFV R816US 4G LTE Mobile WiFi Router User Manual

Model: R816US | Brand: VSVABEFV

1. INTRODUCTION

Thank you for choosing the VSVABEFV R816US 4G LTE Mobile WiFi Router. This portable hotspot device provides convenient internet access on the go, utilizing a SIM card for data connectivity. Its compact design and robust features make it an ideal companion for travel, business, or home use where traditional broadband is unavailable. This manual will guide you through the setup, operation, and maintenance of your device.

2. WHAT'S IN THE Box

Please check the package contents to ensure all items are present:

- 1 x VSVABEFV R816US 4G LTE Mobile WiFi Router
- 1 x User Manual
- 1 x Lithium Ion Battery (2400mAh)
- 1 x USB Charger Cable



Figure 2.1: Package Contents

3. PRODUCT OVERVIEW

The VSVABEFV R816US router is designed for portability and ease of use. It features a compact body with essential indicators and ports.



Figure 3.1: Front View of the Router



Figure 3.2: Internal Components Overview

1. Back Cover
2. Battery
3. TF Card Slot
4. SIM Card Slot
5. Reset Button
6. Insulating Sheet

4. SETUP GUIDE

Follow these steps to set up your VSVABEFV R816US router for the first time.

4.1. SIM Card and Battery Installation

1. Remove the back cover of the router.
2. If present, remove the insulating sheet from the battery compartment.
3. Insert your Mini SIM card into the designated SIM card slot. Ensure it is correctly oriented and makes good contact. (Note: Only Mini SIM cards are supported. Standard and Nano SIM cards are not compatible.)



Figure 4.1: Supported SIM Card Type

4. Insert the provided Lithium battery into its compartment.
5. Replace the back cover securely.

4.2. Initial Power On and Connection

Press and hold the power button on the router until the screen lights up. The device will display a 'Welcome' message and then show network status indicators. The default Wi-Fi SSID and password will be displayed on the device screen (e.g., SSID: LTE-XXXX, KEY: 12345678).

Video 4.1: Unboxing, SIM/Battery Installation, and Initial Power On (0:05 - 1:35)

This video demonstrates the unboxing process, how to correctly install the SIM card and battery, and the initial power-on sequence of the router.

4.3. Accessing the Web Management Interface

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

1. Connect your computer or mobile device to the router's Wi-Fi network using the default SSID and password shown on the router's screen.
2. Open a web browser and enter the default IP address: **192.168.0.1**
3. When prompted, enter the default username: **admin** and default password: **admin**.

Video 4.2: Connecting to Wi-Fi and Web Interface Login (1:36 - 2:04)

This video demonstrates how to connect your device to the router's Wi-Fi and log into the web management interface using the default credentials.

4.4. Configuring APN Settings (If Needed)

If your SIM card is not plug-and-play, you may need to manually configure the APN (Access Point Name).

1. After logging into the web interface, navigate to the 'Internet' tab.
2. Click on 'Internet Connection' or 'APN' settings.
3. If the automatically read APN is incorrect, or if there's no internet connection, you may need to manually add a new APN profile. Select 'Manual' for Connection Mode.
4. Click 'Add New' or similar option to enter your SIM card's specific APN details (APN Name, Username, Password, Authentication Type). This information is usually provided by your mobile carrier.
5. Ensure the 'Auto APN' option is disabled if you are manually configuring.

6. Save the settings.

Video 4.3: APN Configuration and Wi-Fi Settings (2:05 - 3:45)

This video demonstrates how to navigate to the Internet settings to configure APN details and how to change your Wi-Fi network name (SSID) and password for enhanced security.

4.5. Changing Wi-Fi Network Name (SSID) and Password

For security, it is recommended to change the default Wi-Fi SSID and password.

1. In the web management interface, navigate to the 'Wireless' tab.
2. Click on 'Wireless Security Settings'.
3. Modify the 'Network Name (SSID)' to your preferred name.
4. Enter a strong, unique password in the 'Password' field.
5. Click 'Save' to apply the changes. You will need to reconnect your devices using the new Wi-Fi credentials.

5. OPERATING YOUR ROUTER

Once set up, your VSVABEFV R816US router is ready for use.

5.1. Connecting Devices

The router can share Wi-Fi with up to 10 users simultaneously within a 50-meter range. Simply search for the Wi-Fi network on your smartphone, tablet, laptop, or smart TV, and enter the correct password to connect.



Figure 5.1: Sharing Wi-Fi with Multiple Users

5.2. Battery Life

The router is equipped with a 2400mAh Lithium battery, providing approximately 6 hours of continuous usage depending on network conditions and the number of connected devices.

6. MAINTENANCE

To ensure optimal performance and longevity of your router, follow these maintenance tips:

- Battery Care:** Charge the battery fully before first use. Avoid overcharging or completely draining the battery frequently to prolong its lifespan.
- Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or abrasive materials.
- Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Placement:** It is recommended that you do not place your wireless router near a Microwave, home Cordless Phone, a Baby Monitor, Bluetooth devices (such as a headset or a Bluetooth keyboard) or any other wireless network devices to avoid interference.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No Internet Connection	SIM card not activated, incorrect APN settings, roaming disabled, virtual SIM/IoT SIM.	Ensure SIM card is active and supports data. Disable PIN code. Verify and modify APN settings via the web interface (192.168.0.1 > Network > APN). Ensure roaming service is enabled if traveling internationally. Note: Virtual SIM and IoT SIM cards are not supported.
Slow Network Speed	Network mode not optimized, weak signal.	In web interface (Internet tab), confirm 'Preferred LTE Type' is set to 'TD-LTE preferred' or '4G Preferred' for optimal speed. Move to an area with better signal strength.
Device Not Powering On	Battery not charged, insulating sheet not removed.	Charge the device using the provided USB cable. Ensure the insulating sheet on the battery contacts has been removed during installation.
Cannot Connect to Wi-Fi	Incorrect password, Wi-Fi disabled.	Verify the Wi-Fi password. Check Wi-Fi settings in the web interface to ensure Wi-Fi is enabled.

8. SPECIFICATIONS

Brand	VSVABEFV
Model Name	R816US
Connectivity Technology	Wi-Fi, LTE
Wireless Communication Standard	802.11g

Frequency Band Class	Single-Band
Frequency	2100 MHz
Special Feature	Access Point Mode, Internet Security, LED Indicator
Compatible Devices	Personal Computer, Tablet, Smart Television, Smartphone
Batteries	1 Lithium Ion batteries required. (included)
Item Weight	3.52 ounces
Package Dimensions	4.72 x 3.46 x 1.85 inches
Country of Origin	China

9. WARRANTY AND SUPPORT

VSVABEFV is committed to providing quality products and customer satisfaction.

- **Return Policy:** You may return the undamaged VSVABEFV Pocket International Travel Wi-Fi within 30 days from the date of purchase.
- **After-Sales Service:** We offer 12 months of after-sales service to address all quality-related issues.

For further assistance or inquiries, please contact VSVABEFV customer service through the platform where you purchased the device.