

LV-UE03 LV-UE03

User Manual: WiFi Repeater Range Extender LV-UE03

Model: LV-UE03

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of the LV-UE03 WiFi Repeater Range Extender. This device is designed to extend the coverage of your existing wireless network, eliminate Wi-Fi dead zones, and provide a stable internet connection throughout your home or office.

The LV-UE03 supports Wi-Fi 802.11b/g/n standards and offers a maximum LAN data rate of 300Mbps, operating on the 2.4G frequency band. It can function as a WiFi Repeater or an Access Point (AP).

2. PRODUCT OVERVIEW

The LV-UE03 is a compact and versatile wireless networking device. It features a USB 2.0 interface for power supply and a single LAN port for wired connections.

2.1. Package Contents

- 1 x LV-UE03 WiFi Range Extender
- 1 x Network Cable
- 1 x User Manual (this document)

Details

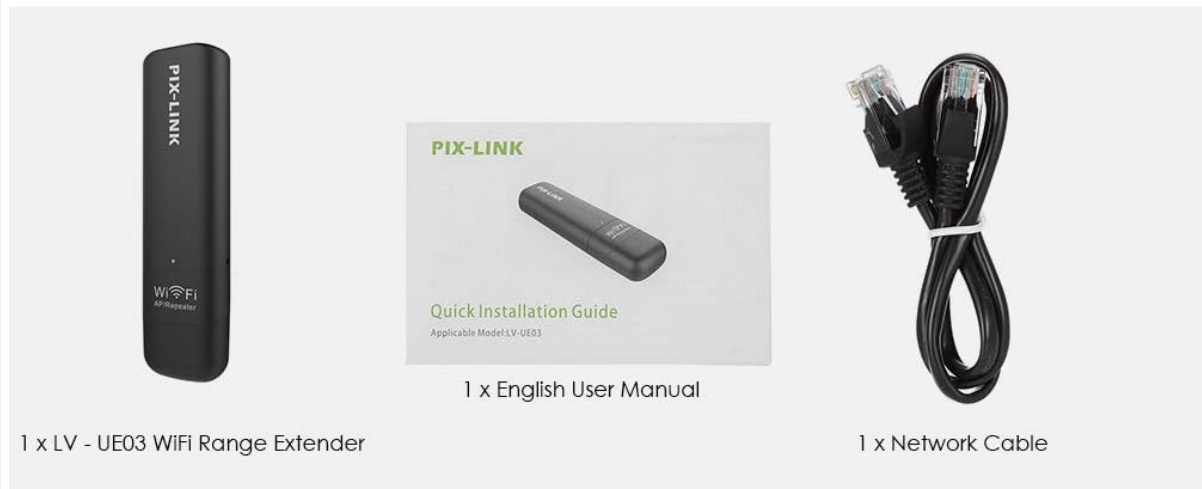


Figure 2.1: Package contents including the LV-UE03 device, network cable, and user manual. The image also highlights the Ethernet socket, Reset button, and Pilot lamp on the device, along with its dimensions (10 cm length, 3 cm width).

2.2. Device Components

- **USB Connector:** For power supply.
- **Ethernet Port (RJ45):** For wired connection in AP mode or for initial setup.
- **Reset Button:** Used to restore factory default settings.
- **LED Indicator:** Provides status information (e.g., power, network activity).

Dimension

Weight:0.9oz(27g)



Figure 2.2: Various views of the LV-UE03 device, showing its compact design and dimensions (1.18in/30mm width, 4.13in/105mm length, 0.59in/15mm thickness). Key labels like "PIX-LINK", "WiFi AP/Repeater", "RESET", and default access information are visible.



Figure 2.3: A detailed view of the RJ45 Ethernet port located on the LV-UE03 device.

3. SETUP

The LV-UE03 can be powered via any standard USB 2.0 port, such as a USB charger, computer USB port, power bank, or TV USB port.



Figure 3.1: The LV-UE03 device shown connected to a multi-port USB power strip, illustrating its flexible power supply options.

3.1. Initial Power On

1. Plug the LV-UE03 into a USB power source.
2. Wait for the LED indicator to stabilize, which typically takes about 30 seconds. This indicates the device is ready for configuration.

3.2. Connecting to the Device for Configuration

There are two primary methods to connect to the LV-UE03 for initial configuration:

Method 1: Wireless Connection

1. On your computer or mobile device, search for available Wi-Fi networks.
2. Connect to the network named **"Wi-Fi Repeater"** (this is the default SSID).
3. Once connected, open a web browser and enter the default access IP address: **192.168.10.1** in the address bar.
4. Enter the default username and password, which are both **"admin"**.

Method 2: Wired Connection (Recommended for initial setup)

1. Connect one end of the provided network cable to the Ethernet port on the LV-UE03.
2. Connect the other end of the network cable to your computer's Ethernet port.
3. Ensure your computer's Ethernet adapter is set to obtain an IP address automatically (DHCP).
4. Open a web browser and enter the default access IP address: **192.168.10.1** in the address bar.
5. Enter the default username and password, which are both **"admin"**.

4. OPERATING MODES

The LV-UE03 supports two main operating modes:

4.1. Repeater Mode (Range Extender)

In Repeater mode, the device extends the coverage of an existing wireless network. It receives the wireless signal from your main router and re-broadcasts it, effectively expanding the Wi-Fi signal to areas with weak or no coverage.

1. Access the web configuration interface (192.168.10.1).
2. Select "Repeater Mode" from the setup wizard or mode selection menu.
3. The device will scan for available Wi-Fi networks. Select your main Wi-Fi network from the list.
4. Enter the password for your main Wi-Fi network.
5. You can choose to keep the same SSID as your main network or create a new one for the extended network.
6. Save the settings and wait for the device to restart.
7. Once restarted, the LV-UE03 will extend your Wi-Fi signal.

4.2. AP Mode (Access Point)

In AP mode, the device transforms a wired internet connection into a wireless network. This is useful for adding Wi-Fi capability to a wired-only network or creating a new Wi-Fi hotspot.

1. Access the web configuration interface (192.168.10.1).
2. Select "AP Mode" from the setup wizard or mode selection menu.
3. Connect the LV-UE03's Ethernet port to your router or modem's LAN port using the provided network cable.
4. Configure the new wireless network's SSID (network name) and password.
5. Save the settings and wait for the device to restart.
6. Once restarted, the LV-UE03 will broadcast a new Wi-Fi network.

5. CONFIGURATION AND ADVANCED SETTINGS

After initial setup, you can access the web interface at **192.168.10.1** (username/password: **admin/admin**) to modify advanced settings.

- **Wireless Settings:** Change SSID, security type (WPA/WPA2), and password.
- **Network Settings:** Configure IP address, subnet mask, and DHCP server settings (if applicable).
- **System Tools:** Reboot, restore factory settings, upgrade firmware, change login password.

It is highly recommended to change the default login password for security reasons.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your LV-UE03 device.

6.1. Cannot Access the Web Management Page

- Ensure the device is properly powered on and the LED indicator is stable.
- Verify your computer or mobile device is connected to the LV-UE03's Wi-Fi network (default "Wi-Fi Repeater") or directly via Ethernet cable.
- Confirm that you are entering **192.168.10.1** correctly in your browser's address bar.
- Try clearing your browser's cache and cookies, or use a different browser.
- Temporarily disable any firewall or antivirus software on your computer.

6.2. No Internet Access After Setup

- In Repeater mode, ensure you selected the correct main Wi-Fi network and entered its password accurately.
- Check if your main router has internet access.
- Relocate the LV-UE03 closer to your main router to ensure a strong signal for the repeater.
- In AP mode, ensure the Ethernet cable is securely connected from your main router/modem to the LV-UE03's Ethernet port, and that your main router/modem is providing internet.
- Reboot both your main router and the LV-UE03.

6.3. Weak Signal or Frequent Disconnections

- Place the LV-UE03 in an optimal location, ideally halfway between your main router and the area where you need extended coverage. Avoid physical obstructions like thick walls or metal objects.
- Minimize interference from other electronic devices (e.g., cordless phones, microwaves).
- Ensure your main router's Wi-Fi signal is strong enough at the LV-UE03's location.

6.4. How to Reset to Factory Defaults

If you forget your login password or encounter persistent issues, you can reset the device to its factory default settings:

1. With the device powered on, use a paperclip or a thin pin to press and hold the "RESET" button for approximately 5-10 seconds.
2. Release the button when the LED indicator flashes rapidly or changes state.
3. The device will reboot with factory default settings (SSID: "Wi-Fi Repeater", IP: 192.168.10.1, Username/Password: "admin").

7. SPECIFICATIONS

Feature	Detail
Model Number	LV-UE03
Max. LAN Data Rate	300Mbps
Wi-Fi Standards	802.11b, 802.11g, 802.11n
Wi-Fi Supported Frequency	2.4G
LAN Ports	1 (RJ45)
USB Interfaces	1 x USB 2.0 (for power)
Application	Home
Product Weight	260 g (0.57 lbs)
Product Size (L x W x H)	10 x 3.00 x 1.50 cm (3.94 x 1.18 x 0.59 inches)
Special Features	LED Indicator
Default Access IP	192.168.10.1
Default Username/Password	admin/admin

8. MAINTENANCE

- Keep the device in a dry environment, away from direct sunlight and heat sources.
- Avoid placing the device near strong electromagnetic fields.
- Clean the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Periodically check for firmware updates on the manufacturer's website to ensure optimal performance and security.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your retailer. You may also visit the manufacturer's official website for further assistance and updated resources.

Please retain your proof of purchase for warranty claims.