

GEYILO WD-R1200U

GEYILO Dual Band WiFi Extender Signal Booster (Model: WD-R1200U) Instruction Manual

Enhance Your Wireless Network Coverage

1. INTRODUCTION

The GEYILO Dual Band WiFi Extender Signal Booster (Model: WD-R1200U) is designed to expand the coverage of your existing wireless network, eliminating dead zones and providing a consistent, reliable internet connection throughout your home or office. This device supports both 2.4GHz and 5GHz frequency bands, offering versatile connectivity options for various devices and usage scenarios.



Image 1: Front view of the GEYILO Dual Band WiFi Extender Signal Booster.

2. PACKAGE CONTENTS

- 1x GEYILO Dual Band WiFi Extender Signal Booster (Model: WD-R1200U)
- 1x User Manual
- 1x Ethernet Cable

3. PRODUCT FEATURES

- **Dual Band Support:** Operates on both 2.4GHz and 5GHz bands for flexible connectivity and optimal performance.
- **High Data Transfer Rate:** Achieves speeds up to 1200 Megabytes Per Second (Mbps).
- **Extensive Coverage:** Expands WiFi signal to cover areas up to 12,000 square feet, eliminating dead zones.
- **Broad Device Compatibility:** Supports connection for over 100 devices simultaneously.
- **Multiple Operating Modes:** Functions as a WiFi Repeater, Access Point (AP), or Router.
- **Ethernet Ports:** Includes two Ethernet ports for stable wired connections to devices like smart TVs, gaming consoles, or PCs.
- **Enhanced Security:** Features security protocols to protect your personal data.
- **Easy Setup:** Supports 1-Tap Setup via WPS button for quick configuration.



Image 2: High-performance features including 1200Mbps speed and Ethernet ports.



Image 3: Dual band support for 2.4GHz (300Mbps) and 5GHz (867-1200Mbps).

4. SETUP GUIDE

4.1. WPS Button Setup (Recommended for quick setup)

1. **Plug in the Extender:** Insert the GEYILO WiFi Extender into an electrical outlet in the area where you want to extend your WiFi coverage. Ensure it is within range of your main router.
2. **Wait for Power On:** The indicator lights on the extender will illuminate as it powers on. Wait for the 2.4G and 5G indicators to light up, indicating it's ready for connection.
3. **Press WPS on Extender:** Locate the WPS button on the side of the GEYILO WiFi Extender and press it for approximately 1 second. The WPS indicator light will start flashing.
4. **Press WPS on Router:** Within two minutes, press the WPS button on your main WiFi router.
5. **Connection Confirmation:** The extender's WPS indicator light will stop flashing and remain solid when a successful connection is established. The 2.4G and 5G lights will also be solid.
6. **Relocate (Optional):** Once connected, you can unplug the extender and move it to a more optimal location between your router and the desired coverage area. Plug it back into an outlet, and it will automatically reconnect.



Image 4: Visual guide for WPS button setup.

4.2. Web Browser Setup (Alternative Method)

1. **Plug in the Extender:** Insert the GEYILO WiFi Extender into an electrical outlet.
2. **Connect to Extender's Network:** On your computer or mobile device, connect to the extender's default WiFi network (SSID) which will typically be named something like "WiFi Repeater" or similar, without a password.
3. **Open Web Browser:** Open a web browser (e.g., Chrome, Firefox) and enter the default IP address (usually found in the included user manual, e.g., 192.168.10.1) or the default web address (e.g., repeater.net) into the address bar.
4. **Login:** Enter the default username and password (usually "admin" for both, check manual for specifics).
5. **Select Mode:** Choose your desired operating mode (Repeater, AP, or Router). For extending your existing network, select "Repeater Mode".
6. **Scan for Networks:** The extender will scan for available WiFi networks. Select your main router's network (SSID) from the list.
7. **Enter Password:** Enter the password for your main WiFi network.
8. **Configure Extended Network:** You can choose to keep the same SSID as your main network or create a new one for the extended network (e.g., "YourNetwork_EXT").
9. **Apply Settings:** Save the settings and wait for the extender to restart. The indicator lights will confirm a successful connection.

4.3. Setup Demonstration Videos

Video 1: Overview of the GEYILO WiFi Extender, its features, and basic setup steps.

Video 2: Demonstration of the WPS setup process for the WiFi Extender in a home environment.

5. OPERATING MODES

The GEYILO WiFi Extender supports three primary operating modes:

- **Repeater Mode:** Extends the range of your existing WiFi network. This is the most common mode for eliminating dead zones.
- **Access Point (AP) Mode:** Converts a wired network connection into a wireless access point. Ideal for areas with Ethernet access but no WiFi.
- **Router Mode:** Functions as a basic wireless router, creating a new private network.



Image 5: Visual representation of the three operating modes.

6. TROUBLESHOOTING

- **No Power:** Ensure the extender is securely plugged into a working electrical outlet. Check if the power indicator light is on.
- **Cannot Connect to Extender's SSID:** Make sure the extender is powered on and within range. Try resetting the extender by pressing the Reset/WPS button for 5-8 seconds until lights flash.
- **No Internet Access After Connection:** Verify that your main router has an active internet connection. Re-perform the setup process, ensuring the correct WiFi password for your main router is entered.
- **Slow Speed on Extended Network:** Relocate the extender closer to your main router to improve signal strength. Ensure there are no major obstructions (thick walls, large metal objects) between the router and extender.
- **Intermittent Connection:** Check for interference from other electronic devices. Try changing the channel on your main router if possible. Ensure the extender's firmware is up to date (check manufacturer's website).
- **WPS Setup Fails:** Some routers may have a specific sequence for WPS. Refer to your router's manual. If WPS fails, use the web browser setup method.

7. SPECIFICATIONS

Feature	Detail
---------	--------

Feature	Detail
Product Dimensions	6.8 x 3.66 x 2 inches
Item Weight	5.6 ounces
Item Model Number	WD-R1200U
Wireless Communication Standard	802.11a/b/g/n/ac
Data Transfer Rate	1200 Megabytes Per Second
Special Features	1-Tap Setup, 360 Degree Coverage, Directional Antenna, Firewall, WiFi Mesh
Color	Black
Manufacturer	Shenzhen Century Xinyang Tech Co.,Ltd (GEYILO-04)

8. SAFETY INFORMATION

- Do not expose the device to water or moisture.
- Avoid placing the device near heat sources or in direct sunlight.
- Use only the power adapter provided with the device.
- Keep the device away from children.
- Ensure proper ventilation around the device to prevent overheating.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided in the packaging or visit the official GEYILO website. Keep your purchase receipt for warranty claims.