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MEETOWN 1200M Outdoor WiFi Repeater

MEETOWN 1200M Outdoor WiFi Repeater Instruction Manual

Model: 1200M Outdoor WiFi Repeater

1. Introduction

This manual provides comprehensive instructions for the installation, configuration, and operation of your MEETOWN 1200M Outdoor WiFi Repeater. This device is designed to extend your wireless network coverage in outdoor environments, offering stable dual-band connectivity.

2. Product Features

- **Durable Outdoor Design:** Equipped with Qualcomm Atheros chipsets, 12dBi high-gain antennas, and an IP65 weather-resistant casing. Designed to operate in temperatures from -40°C to +70°C (-40°F to 158°F), providing lightning protection and no dust ingress. The PoE power supply part is not waterproof.
- **Extended Coverage:** Capable of extending WiFi range up to 200 meters.
- **Enhanced Security:** Supports WPA PSK, WPA2 PSK, and WPA/WPA2 wireless security standards. Features include SSID hiding and MAC address blacklisting for network protection.
- **Broad Compatibility:** Compatible with most routers and devices, including smartphones, Smart TVs, streaming devices (Fire Stick, Google Chrome), and smart home devices (Alexa Echo, Ring).
- **Stable Dual-Band Connectivity:** Features a built-in hidden antenna for stable 1200 Mbps dual-band (5GHz and 2.4GHz) connections, suitable for high-definition streaming and online gaming.
- **Important Note:** This device extends existing WiFi coverage. It does not increase your network's speed or bandwidth. The extended network will operate at a speed equal to or slightly less than your primary router due to physical limitations.

3. Package Contents

Verify that all items are present in your package:

- MEETOWN 1200M Outdoor WiFi Repeater Unit
- PoE Adapter (Power over Ethernet)

- Ethernet Cable
- Mounting Accessories (e.g., Hose Clamp)
- Quick User Guide



Image: Package contents of the MEETOWN Outdoor WiFi Repeater.

4. Setup and Installation

Follow these steps to set up and install your Outdoor WiFi Repeater:

1. **Power over Ethernet (PoE) Connection:**
   Connect the PoE adapter to the repeater using an Ethernet cable. Ensure the Ethernet cable is a certified CAT5e/CAT6 cable with RJ45 connectors and its length is less than 60 meters (196ft) for optimal performance. The PoE adapter provides both power and data to the repeater.



Image: Power over Ethernet setup diagram.

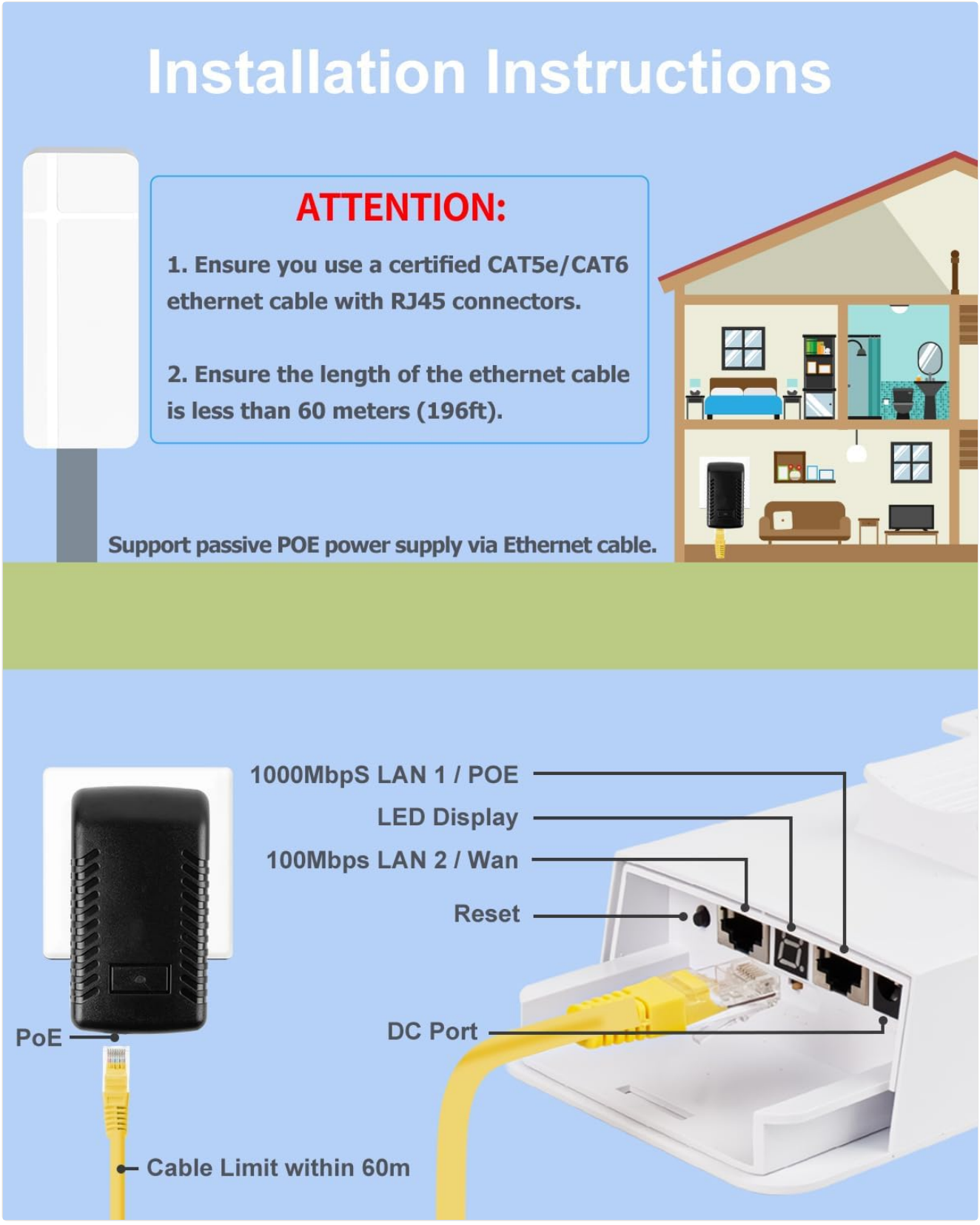


Image: Installation instructions with port details and cable limits.

2. **Mounting the Repeater:**
   Choose an optimal outdoor location for the repeater, ensuring it has a clear line of sight to the area you wish to cover. Use the provided mounting accessories to securely attach the device to a pole or wall. Remember that the PoE part of the router is not waterproof and should be protected from moisture.



Image: IP65 Weatherproof Design for outdoor use.

3. **Initial Configuration:**
   Refer to the Quick User Guide for initial access to the repeater's web interface. Typically, you will connect your computer to the LAN port of the PoE adapter and navigate to a specific IP address (e.g., 192.168.10.1) in your web browser to begin configuration.

Installation Video Guide

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Video: This video provides a step-by-step installation guide for the AC1200 Outdoor WiFi Extender, demonstrating how to connect and configure the device.

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Video: An introductory video showcasing the BrosTrend AC1200 Outdoor WiFi Repeater, highlighting its features and potential applications.

5. Operating Modes

The MEETOWN Outdoor WiFi Repeater supports multiple operating modes to suit various network requirements:

- **Repeater Mode:** Extends the coverage of an existing wireless network. The repeater connects to your main router wirelessly and rebroadcasts the signal.
- **AP (Access Point) Mode:** Converts a wired network connection into a wireless one. Connect the repeater to your router via an Ethernet cable, and it will create a new WiFi network.
- **Router Mode:** Functions as a primary router, connecting directly to your modem and creating a new wireless network.

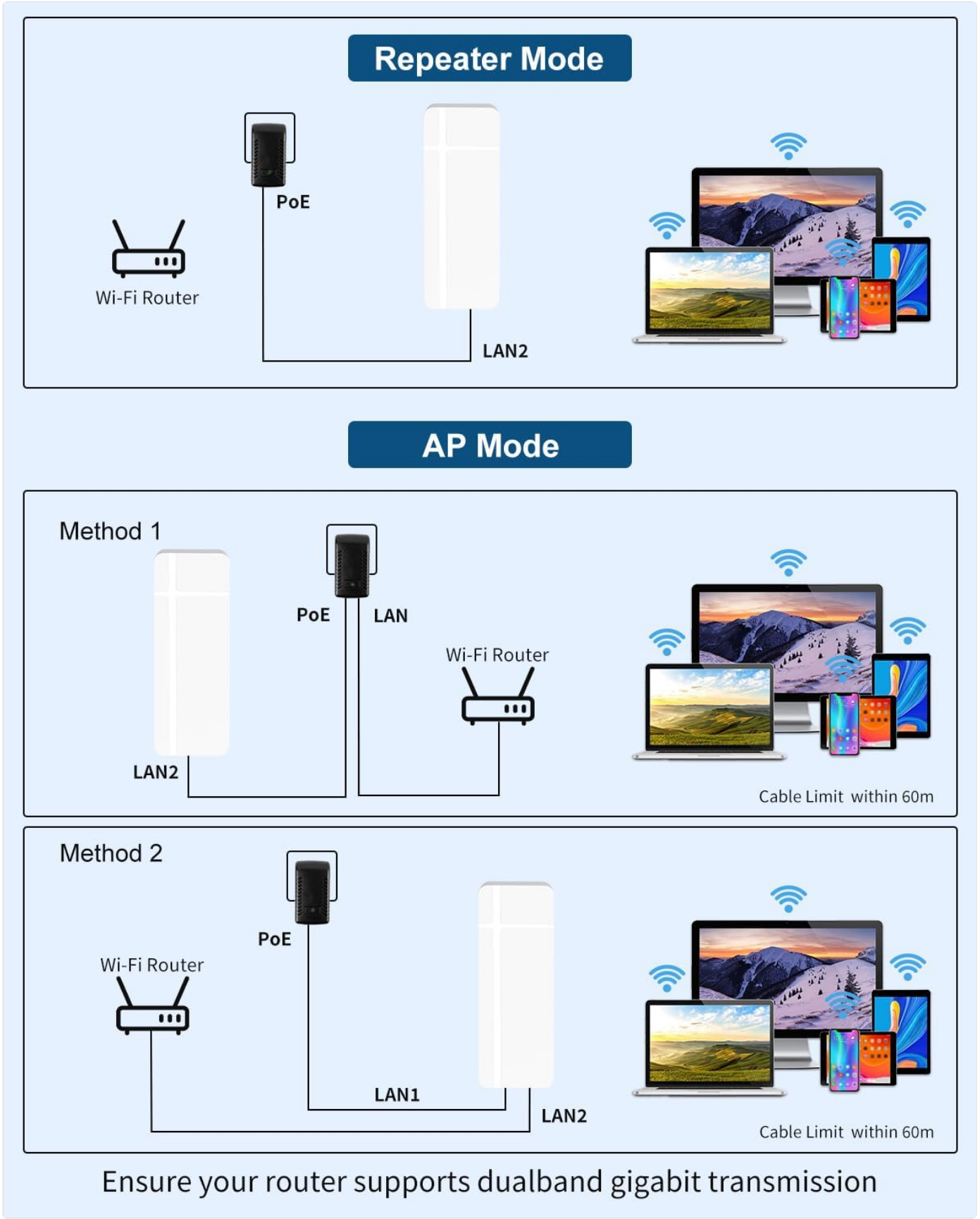


Image: Repeater Mode and AP Mode configurations.

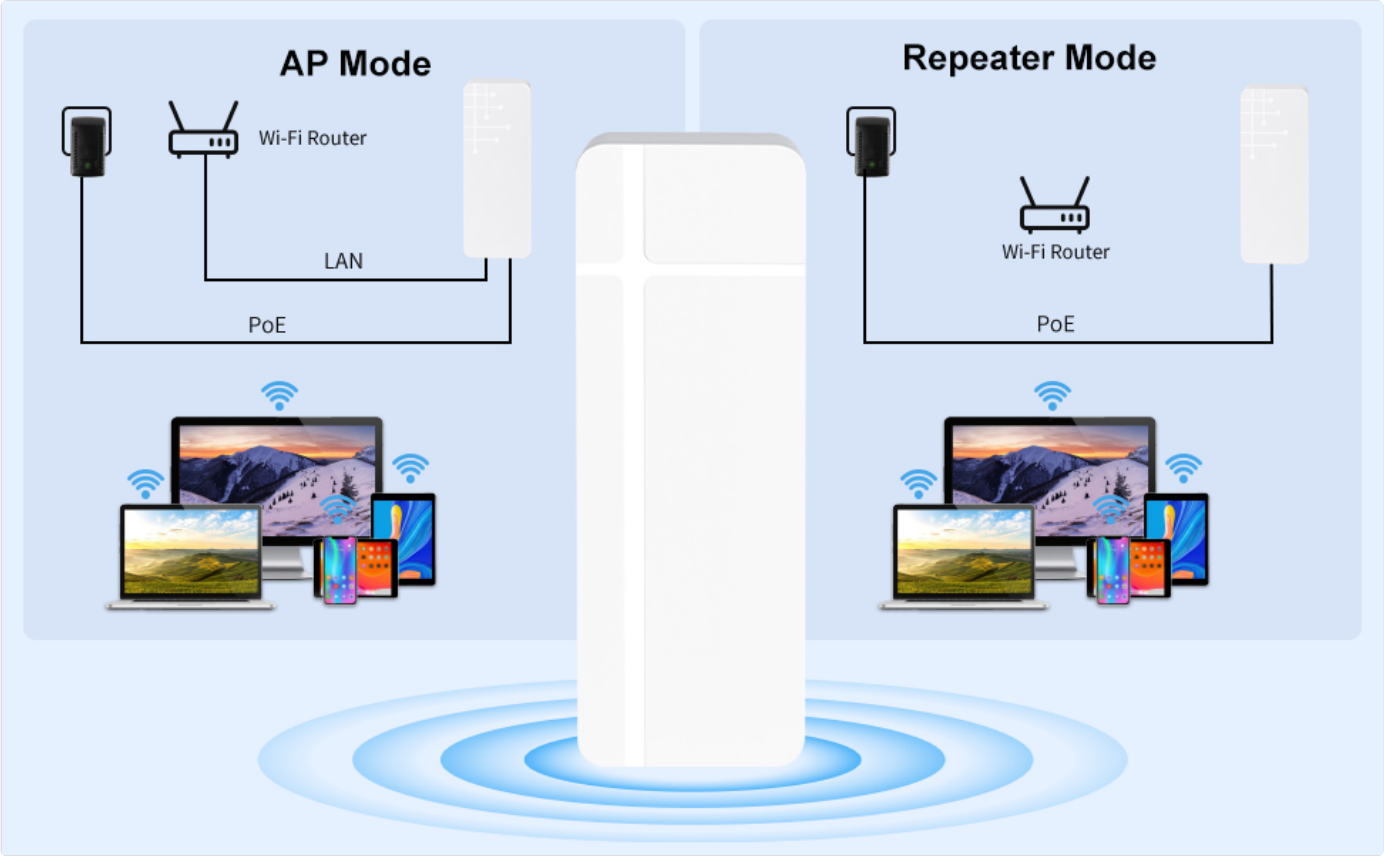


Image: AP Mode and Repeater Mode network diagrams.

6. Specifications

Brand	MEETOWN
Model	1200M Outdoor WiFi Repeater
Wireless Speed	Up to 1200 Mbps
Frequency Bands	2.4 GHz and 5 GHz (Dual Band)
Antenna	16 dBi Hidden Antenna
Weather Resistance	IP65 (main unit)
Operating Temperature	-40°C to +70°C (-40°F to 158°F)
Power Supply	Power over Ethernet (PoE)
Dimensions (Package)	31.4 x 9.9 x 7.7 cm
Product Weight	640 g
ASIN	B0GDZWCXT5

7. Maintenance

To ensure optimal performance and longevity of your MEETOWN Outdoor WiFi Repeater, consider the following maintenance tips:

- **Regular Cleaning:** Periodically wipe the exterior of the device with a soft, dry cloth to remove dust and debris. Do

not use harsh chemicals or abrasive cleaners.

- **Inspect Cables:** Check all connected Ethernet cables for any signs of wear, damage, or corrosion. Replace damaged cables immediately.
- **Firmware Updates:** Regularly check the manufacturer's website for available firmware updates. Keeping your device's firmware up-to-date can improve performance, security, and stability.
- **Environmental Protection:** While the main unit is IP65 rated, ensure the PoE adapter and its connections are protected from direct exposure to water and extreme weather conditions.

8. Troubleshooting

If you encounter issues with your WiFi Repeater, try the following basic troubleshooting steps:

- **No Power:** Ensure the PoE adapter is properly connected to a power outlet and the Ethernet cable is securely connected to both the adapter and the repeater. Check the LED indicators on the device for power status.
- **No Internet Connection:** Verify that your main router has an active internet connection. Check the Ethernet cable connection between the PoE adapter and your main router (if in AP or Router mode).
- **Weak Signal/Poor Performance:** Relocate the repeater to a more central position between your main router and the desired coverage area. Ensure there are no major obstructions (e.g., thick walls, metal objects) blocking the signal path.
- **Cannot Access Web Interface:** Ensure your device is connected to the repeater's network (either wirelessly or via Ethernet to the PoE adapter's LAN port). Verify the correct IP address for the web interface (refer to the Quick User Guide). Try clearing your browser's cache or using a different browser.
- **Factory Reset:** If issues persist, you may perform a factory reset. Locate the reset button (often a small pinhole) on the device, press and hold it for about 5-10 seconds until the LED indicators change. This will revert all settings to default.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact customer support.

9. Warranty and Support

Your MEETOWN Outdoor WiFi Repeater comes with the following support and warranty:

- **30-Day Free Trial:** Enjoy a 30-day period to evaluate the product.
- **2-Year Warranty:** The product is covered by a 2-year warranty, including free replacement for eligible issues.
- **Lifetime Technical Support:** Access to technical assistance for the lifetime of the product.

For warranty claims or technical support, please refer to the contact information provided in your Quick User Guide or visit the official MEETOWN website.

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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.

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