

TODAAIR TUYA APP

TODAAIR Pro-Grade Outdoor WiFi Extender (Model: TUYA APP) - User Manual

Brand: TODAAIR | Model: TUYA APP

1. INTRODUCTION

The TODAAIR Pro-Grade Outdoor WiFi Extender (Model: TUYA APP) is designed to expand your existing WiFi network coverage, providing stable and high-speed internet access in outdoor environments. This device supports dual-band frequencies (2.4GHz and 5.8GHz) and is powered via Power over Ethernet (PoE) for flexible installation. It is built with military-grade durability and IP44 rating, ensuring reliable performance in various weather conditions. Key features include WPA2 wireless security protocols for enhanced network protection and remote smart control via the TUYA APP.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Outdoor WiFi Extender
- PoE Adapter
- Ethernet Cable
- Mounting Accessories (Zip ties, screws, wall anchors)
- User Manual

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Video: Repeater Unboxing. This video demonstrates the unboxing process and shows the contents of the package.

3. SETUP AND INSTALLATION

3.1 Physical Connection

1. **Connect the Extender:** Insert one end of the Ethernet cable into the PoE port on the bottom of the WiFi Extender.
2. **Connect to PoE Adapter:** Insert the other end of the Ethernet cable into the "PoE" port of the provided PoE adapter.
3. **Connect to Router/Network:** Use a separate Ethernet cable to connect the "LAN" port of the PoE adapter to an available Ethernet port on your main router or network switch.
4. **Power On:** Plug the PoE adapter into a standard electrical outlet. The indicator light on the extender will illuminate, indicating it is powering on. Wait approximately 40 seconds for the device to start up and the indicator light to flash, signifying it is ready for pairing.



Image: Pole mounting example. The extender can be mounted on a pole using the provided accessories, with cables routed for power and data.

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Video: Physical Connection Steps. This video demonstrates the physical connection steps for the extender.

3.2 TUYA APP Configuration

The TODAAIR Pro-Grade Outdoor WiFi Extender is designed for easy setup using the Tuya APP. Ensure the device is powered on and the indicator light is slowly blinking before proceeding.

1. **Download Tuya App:** Scan the QR code in the user manual or search for "Tuya Smart" in your app store to download and install the application.
2. **Add Device:** Open the Tuya App, log in, and click the "Add Device" button (usually a '+' icon).
3. **Select Repeater:** Choose "Gateway Control" from the device categories, then select "Repeater (Wi-Fi)".
4. **Reset and Confirm:** Follow the on-screen instructions to reset the device if necessary. Confirm that the indicator light is blinking slowly.
5. **Connect to 2.4GHz Wi-Fi:** Select your home's 2.4GHz Wi-Fi network and enter the password.
6. **Connect to Device Hotspot:** The app will instruct you to connect your mobile phone to the device's hotspot (e.g., "SmartLife-XXXX"). Go to your phone's Wi-Fi settings, connect to this hotspot, then return to the Tuya App.
7. **Pairing Completion:** The app will begin the pairing process. This may take 5-10 seconds depending on your router's signal strength. Once "Added successfully" appears, click "Done".
8. **Copy Router Info (Optional):** You can choose to copy your router's 2.4GHz and 5GHz network information to the repeater.
9. **5GHz Band Pairing:** If your router supports 5GHz, locate the repeater's 5GHz Wi-Fi in your phone's Wi-Fi list (e.g., "todaair2.4_Ext_5G") and connect to it. Enter the password. The 5GHz band will then be successfully paired.

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Video: TUYA matching video. This video provides a visual guide for setting up the extender using the Tuya App.



Image: Tuya App Connection Pairing. A visual step-by-step guide for connecting the extender via the Tuya App.

4. OPERATION

Once successfully configured, the TODAAIR WiFi Extender will broadcast an extended WiFi signal. Devices within its range can connect to the extended network for improved connectivity.

- **Network Name:** The extended network will typically have the same name as your main router's network with "_Ext" or similar suffix (e.g., "YourWiFi_Ext_2.4G", "YourWiFi_Ext_5G").
- **Password:** Use the same password as your main router's network.
- **Remote Management:** Utilize the Tuya App for remote monitoring of signal strength, device reboots, and advanced settings adjustments.

Speed for 4K Streaming

1200Mbps



Image: Extended WiFi Coverage. The extender provides a broad WiFi signal, reaching devices in outdoor areas.

IP44 protection

Not Afraid Of rain



Image: Omnidirectional Coverage. Illustrates the extender's ability to provide WiFi to various outdoor and semi-outdoor locations.

5. MAINTENANCE

- **Cleaning:** Periodically wipe the exterior of the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Check the Tuya App regularly for available firmware updates to ensure optimal performance and security.
- **Environmental Protection:** While IP44 rated, avoid direct exposure to extreme conditions beyond the specified operating temperature range (-20°C to 50°C) for prolonged periods.

6. TROUBLESHOOTING

- **No Power/Indicator Light Off:**

- Ensure the PoE adapter is securely plugged into a working power outlet.
- Verify the Ethernet cable is correctly connected to the PoE port on the extender and the PoE adapter.

- **Cannot Connect to Tuya App:**

- Make sure the extender's indicator light is slowly blinking, indicating it's in pairing mode. If not, perform a reset.
- Ensure your phone is connected to the correct 2.4GHz Wi-Fi network of your main router during the initial setup steps.
- Confirm you are connecting to the extender's temporary hotspot when prompted by the app.
- Place the extender closer to your main router during the initial pairing process to ensure a strong signal.

- **Poor Signal/Slow Speed:**

- Relocate the extender to a more central location between your router and the desired coverage area, ensuring it's within range of your main router's signal.
- Check for physical obstructions (thick walls, metal objects) that might interfere with the signal.
- Ensure the extender is mounted correctly and not obstructed.

- **Resetting the Device:**

- Locate the reset button on the device (refer to the "Easy Setup & Stylish Design" image in the Setup section). Use a pin or paperclip to press and hold the reset button for approximately 10-15 seconds until the indicator light changes, then release. The device will restart and enter pairing mode.

If you continue to experience issues, please contact TODAAIR technical support for assistance.

7. SPECIFICATIONS

Model Number	TUYA APP
Brand	TODAAIR
Wireless Communication Standard	2.4 GHz Radio Frequency, 5 GHz Radio Frequency (Dual-Band)
Data Transfer Rate	1200 Megabits Per Second (2.4GHz/300Mbps and 5.8GHz/867Mbps)
Coverage Range	Up to 85 meters (approximately 255 feet)
Special Features	Remote Access (Tuya App), Weatherproof (IP44 rated)
Operating Temperature	-20°C to 50°C
Power Supply	PoE Powered
Item Weight	1.1 pounds
Package Dimensions	7.9 x 7.9 x 3.1 inches

Pro-Grade WiFi Extender

Omnidirectional Coverage



Garage



Workshop



Backyard

Image: Dual-Frequency Performance. Highlights the dual-band capabilities and speed of the extender.



Image: IP44 Protection. Illustrates the weather-resistant features of the device.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact the seller directly. TODAAIR is committed to providing reliable products and customer satisfaction.

If you encounter any problems during installation or use, please contact our technical support team. Our team is available to assist you with any issues you may experience.

Contact information for support can typically be found on the product packaging, the official TODAAIR website, or through your purchase platform.

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

Open the live page

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