YIFAN MG-WG101

YIFAN Tuya Zigbee Hub Gateway MG-WG101 User Manual

Model: MG-WG101 | Brand: YIFAN

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your YIFAN Tuya Zigbee Hub Gateway (Model: MG-WG101). This device serves as a central bridge for your smart home, enabling seamless communication between Zigbee and Bluetooth Mesh devices and your 2.4GHz Wi-Fi network. Please read this manual thoroughly before use to ensure proper functionality and safety.



Image 1.1: YIFAN Tuya Zigbee Hub Gateway with its accompanying mobile application interface.

2. Product Features

- **Multi-Protocol Communication:** Supports both Zigbee and Bluetooth Mesh protocols, allowing connection of diverse smart devices to your 2.4GHz network.
- **Unified Device Management:** Integrates up to 82 devices concurrently (32 in Zigbee mode, 50 in Bluetooth mode) for a comprehensive smart home ecosystem.
- **Type-C Interface:** Features a Type-C port for power, eliminating the need for traditional cables or batteries. Can be powered via a Type-C port socket, switch, or USB-C adapter. Includes a 19-inch Type-C cable.
- **APP Remote & Voice Control:** Manage devices via the Smart Life APP/Tuya Smart App from anywhere. Compatible with Alexa and Google Home for hands-free voice commands.
- **Tailored Scene Automation:** Customize trigger conditions to link multiple devices, enabling complex home automation scenarios.

3. Package Contents

Please verify that all items are present in the package:

- YIFAN Tuya Zigbee Hub Gateway (MG-WG101) x 1
- USB to USB-C Adapter Cable x 1
- User Manual x 1

4. Setup Guide

4.1 Powering the Device

The gateway is powered via its Type-C port. Connect the provided USB to USB-C adapter cable to the gateway and then to a compatible power source. This can be a standard USB power adapter, a Type-C port socket, or a smart switch with a Type-C port.



Image 4.1: Connecting the Type-C power cable to the gateway.



Image 4.2: Example of powering the gateway using a smart socket with a Type-C port.

4.2 App Installation

To control the gateway and connected devices, download the **Smart Life** or **Tuya Smart** application from your mobile device's app store (available on iOS and Android).

4.3 Device Pairing

1. Ensure your mobile device's Wi-Fi and Bluetooth are enabled.
2. Open the Smart Life or Tuya Smart app.
3. Long press the button on the gateway until the indicator light flickers quickly. This indicates it is in pairing mode.
4. In the app, a pop-up window should appear prompting you to add the new device. Tap 'Add'. If no pop-up appears, tap the '+' icon in the top right corner and select 'Add Device', then choose 'Gateway' or 'Multi-mode Gateway'.
5. Follow the on-screen instructions to complete the pairing process. Once successful, the device will be listed in your app.



Image 4.3: Step-by-step process for adding the gateway to the Smart Life application.

5. Operating Instructions

5.1 Device Management

Once the gateway is paired, you can add and manage your Zigbee and Bluetooth devices through the Smart Life/Tuya Smart app. Navigate to the gateway's interface within the app and select to add new Zigbee or Bluetooth devices. The gateway supports up to 32 Zigbee devices and 50 Bluetooth devices.



Image 5.1: The gateway's capability to connect multiple Zigbee and Bluetooth devices.

5.2 Scene Creation

The app allows you to create custom scenes and automations. You can set conditions (e.g., time of day, sensor triggers) to activate multiple devices simultaneously or sequentially. This enables personalized smart home routines.



Image 5.2: Example of scenario-based automation within a smart home environment.

5.3 Voice Control

Integrate your YIFAN Zigbee Hub Gateway with Amazon Alexa or Google Assistant for convenient voice control of your connected smart devices. Link the Smart Life/Tuya Smart skill/action in your Alexa or Google Home app, then discover your devices.



Image 5.3: Voice control setup with Amazon Alexa and Google Home devices.

5.4 Device Sharing

You can share control of your smart devices with family members or friends through the Smart Life/Tuya Smart app. This allows multiple users to manage the smart home system.



Image 5.4: Sharing device control with other users through the app.

6. Maintenance

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the device yourself. Contact support if issues arise.
- Ensure the firmware is updated regularly through the Smart Life/Tuya Smart app for optimal performance and security.

7. Troubleshooting

- **Device not powering on:** Ensure the Type-C cable is securely connected to both the gateway and a functional power source. Try a different power adapter or socket.
- **Cannot connect to Wi-Fi:** Verify your Wi-Fi network is 2.4GHz. Ensure the gateway is within range of your router. Restart your router and the gateway, then attempt pairing again.
- **Cannot add Zigbee/Bluetooth devices:** Ensure the Zigbee/Bluetooth device is in pairing mode. Check its manual for specific pairing instructions. Make sure the device is compatible with the Tuya ecosystem.
- **Voice control not working:** Confirm the Smart Life/Tuya Smart skill/action is enabled in your Alexa/Google Home app. Ensure devices are discovered and named appropriately. Check your internet connection.
- **Time display not working:** Ensure the gateway is successfully connected to the app and has an active internet connection to synchronize time.

8. Specifications

Specification	Detail
Model Number	MG-WG101
Manufacturer	YIFAN
Dimensions	2.87 x 1.61 x 0.98 inches (7.29 x 4.09 x 2.49 cm)
Item Weight	2.39 ounces (67.75 grams)

Color	Black
Material	PC+ABS
Power Source	USB C
Wattage	5 watts
Connectivity	Zigbee, Bluetooth Mesh, 2.4 GHz Wi-Fi
Compatibility	Tuya Smart App, Smart Life App, Amazon Alexa, Google Assistant

9. Warranty and Support

For warranty information and technical support, please refer to the official YIFAN website or contact your retailer. Keep your purchase receipt for warranty claims.

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