

TANOSHIIMII BHUB-W

TANOSHIIMII BHUB-W Bluetooth Mesh Gateway User Manual

Model: BHUB-W

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1. INTRODUCTION

The TANOSHIIMII BHUB-W Bluetooth Mesh Gateway serves as a central hub for your Bluetooth SIG Mesh devices, enabling seamless integration and control within your smart home ecosystem. This gateway allows you to connect various Bluetooth-enabled smart devices, such as door locks, lighting, and sensors, and manage them through the Tuya Smart Life application. It also supports voice control via Google Assistant and Amazon Alexa, providing a convenient and unified smart home experience.

2. SAFETY INFORMATION

- Read all instructions carefully before using the device.
- Keep the device away from water, moisture, and extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- Use only the provided power adapter or one with equivalent specifications (5V 1A).
- Ensure the device is placed in a well-ventilated area.
- This device is intended for indoor use only.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- TANOSHIIMII BHUB-W Bluetooth Mesh Gateway
- USB Power Cable

- User Manual (this document)

4. SPECIFICATIONS



Image: Product dimensions and technical specifications table. The gateway measures 65mm x 65mm x 14.5mm (2.559in x 2.559in x 0.571in).

Feature	Detail
Product Dimensions	2.6 x 2.6 x 0.57 inches (65 x 65 x 14.5 mm)
Item Weight	1 ounce
Model Name	BHUB-W
Adaptor Output	5V 1A
Status LED Indicator	2 LEDs (WiFi + Bluetooth)
Working Temperature	-10 to 55°C (14 to 131°F)
Working Humidity	10%–90%RH (non-condensing)
Wireless Technology	WiFi 802.11 b/g/n, Bluetooth single point & Mesh
Connectivity Technology	Bluetooth, Wi-Fi
Compatible Devices	Smartphone (iOS/Android)
Special Feature	Alexa Compatible, Google Assistant Compatible

5. SETUP

5.1 Physical Installation

1. **Power Connection:** Connect the provided USB power cable to the gateway's micro-USB port and plug the other end into a 5V 1A USB power adapter (not included) or a compatible USB port. The gateway will power on, and the LED indicators will begin to flash.
2. **Placement:** Place the gateway in a central location within your home, ensuring it is within range of your Wi-Fi router and the Bluetooth devices you intend to connect. Avoid placing it near large metal objects or other sources of interference.

5.2 App Installation

The TANOSHIIMII BHUB-W gateway operates with the Tuya Smart Life application.

1. **Download the App:** Search for "Tuya Smart" or "Smart Life" in the Apple App Store (for iOS devices) or Google Play Store (for Android devices) and download the application.
2. **Register/Log In:** Open the app and register for a new account or log in with an existing one.

5.3 Adding the Gateway to the App



Image: A diagram illustrating the connectivity of the Bluetooth Mesh Gateway with a WiFi router, various Bluetooth devices, a smartphone for app control, and voice assistants for voice control.

1. **Enter Pairing Mode:** Ensure the gateway is powered on. The Wi-Fi LED indicator should be blinking rapidly. If not, press and hold the reset button (usually a small pinhole button) for 5-10 seconds until it blinks rapidly.
2. **Add Device in App:** Open the Tuya Smart or Smart Life app. Tap the "Add Device" (+) icon in the top right corner.
3. **Select Device Type:** Navigate to "Gateway" or "Control Hub" and select "Wireless Gateway (Bluetooth)".
4. **Confirm Indicator:** Confirm that the indicator light on the gateway is blinking rapidly in the app.
5. **Connect to Wi-Fi:** Select your 2.4GHz Wi-Fi network and enter the password. The gateway does not support 5GHz Wi-Fi networks.
6. **Pairing:** The app will begin searching for the gateway. Once found, it will connect and add the device. This process

may take a few moments.

7. **Rename Device:** After successful pairing, you can rename the gateway for easier identification within the app.

6. OPERATION

6.1 Connecting Bluetooth Devices



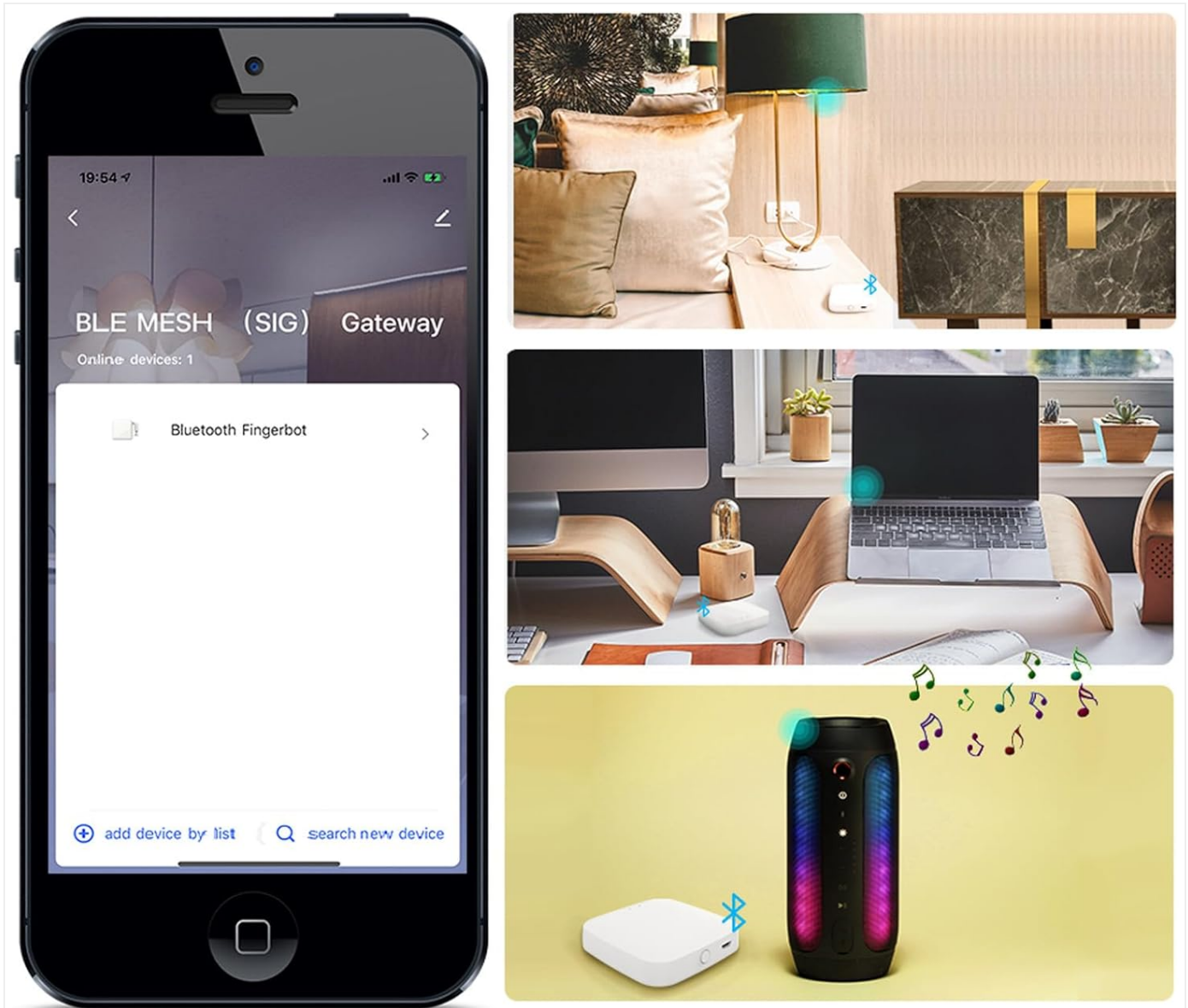
Image: A network diagram illustrating how the Bluetooth Mesh Gateway acts as a central point, connecting to various Bluetooth-enabled smart devices such as air conditioners, fans, thermostats, sensors, switches, and alarms.

Once your gateway is added to the Tuya Smart Life app, you can begin adding compatible Bluetooth SIG Mesh devices.

1. **Prepare Device:** Ensure your Bluetooth device is in pairing mode (refer to the device's specific manual for instructions).
2. **Add Sub-device:** In the Tuya Smart Life app, navigate to your gateway's control panel. Tap "Add sub-device" or a similar option.

3. **Search for Devices:** The gateway will scan for nearby Bluetooth devices in pairing mode.
4. **Connect:** Select the device from the list to connect it to the gateway.
5. **Control:** Once connected, you can control the device directly through the Tuya Smart Life app, set schedules, and create automation routines.

6.2 App Remote Control



App Remote Control

Control all connected Bluetooth devices in one smart APP with one hub required, together with other smart devices in APP for integration.

Image: A smartphone displaying the Tuya Smart Life app, showing control over a "Bluetooth Fingerbot" connected via the BLE Mesh Gateway. The background depicts various smart home devices like smart lights and speakers.

The gateway allows you to control all connected Bluetooth devices remotely via the Tuya Smart Life app from anywhere with an internet connection. You can also integrate these Bluetooth devices with other Zigbee and Wi-Fi devices within the same app for comprehensive smart home automation.

6.3 Voice Assistant Integration

Product Information



Size:	65*65*14.5mm
Adaptor output:	5V 1A
Status LED indicator:	2 LED (WIFI+bluetooth)
Working temperature:	-10-55°C
Working humidity:	10%-90%RH (non-condensing)
Wireless technology:	WIFI 802.11 b/g/n Bluetooth single point & Mesh

Image: An illustration demonstrating the gateway's compatibility with various Bluetooth devices (represented by icons like smart plugs, lights, blinds, air conditioners, washing machines, and switches) and its integration with Google Assistant and Amazon Alexa for voice control.

The TANOSHIIMII BHUB-W gateway is compatible with Amazon Alexa and Google Assistant, enabling hands-free control of your connected Bluetooth devices.

1. **Link Account:** In your Alexa or Google Home app, search for the "Tuya Smart" or "Smart Life" skill/service.
2. **Authorize:** Link your Tuya Smart Life account to your voice assistant account.
3. **Discover Devices:** Ask your voice assistant to "discover devices" or manually initiate device discovery in the app.
4. **Voice Commands:** Once discovered, you can use voice commands to control your Bluetooth devices (e.g., "Alexa, turn on the living room light," "Hey Google, lock the front door").

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the gateway. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Periodically check the Tuya Smart Life app for available firmware updates for your gateway. Keeping the firmware updated ensures optimal performance and security.
- **Storage:** If storing the device for an extended period, disconnect it from power and store it in a cool, dry place.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Gateway not powering on.	No power, faulty cable/adaptor.	Check power connection. Try a different USB cable or power adapter (5V 1A).
Gateway not connecting to Wi-Fi.	Incorrect Wi-Fi password, 5GHz network, gateway too far from router, Wi-Fi interference.	Ensure correct 2.4GHz Wi-Fi password. Move gateway closer to router. Reduce interference. Reset gateway and try pairing again.
Cannot add Bluetooth devices.	Bluetooth device not in pairing mode, out of range, not compatible.	Ensure Bluetooth device is in pairing mode. Move device closer to gateway. Verify device compatibility with Bluetooth SIG Mesh.
Voice control not working.	Tuya/Smart Life account not linked, devices not discovered by voice assistant.	Ensure Tuya/Smart Life skill is enabled and linked in Alexa/Google Home app. Ask voice assistant to "discover devices."
App shows gateway offline.	Loss of internet connection, gateway power loss, Wi-Fi issue.	Check your home internet connection. Verify gateway is powered on. Restart gateway and router.

9. WARRANTY AND SUPPORT

TANOSHIIMII products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your purchase or visit the official TANOSHIIMII website. If you encounter any issues or require technical assistance, please contact TANOSHIIMII customer support through the contact information provided on our website or within the Tuya Smart Life application's help section.

Online Resources:

- For the latest FAQs and troubleshooting tips, visit the [TANOSHIIMII Brand Store on Amazon](#).
- For app-related support, refer to the help section within the Tuya Smart Life application.

