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› Sortfle Smart Hub Gateway (Model TYZB1) Instruction Manual

## Sortfle TYZB1

# Sortfle Smart Hub Gateway (Model TYZB1) Instruction Manual

Brand: Sortfle | Model: TYZB1

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## 1. INTRODUCTION

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The Sortfle Smart Hub Gateway (Model TYZB1) is a central control unit designed to connect and manage your smart home devices. It supports Tuya ZigBee and Tuya Bluetooth protocols, enabling seamless integration with a wide range of smart products, including those compatible with Alexa, Google Home, and SmartThings. This manual provides detailed instructions for setting up, operating, and maintaining your gateway.

## 2. PRODUCT OVERVIEW

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### 2.1. Components

The Sortfle Smart Hub Gateway features a compact design. Key components include:

- **LED Indicator:** Displays the gateway's status (blue for power, red for pairing mode).
- **RESET Button:** Used for resetting the device to factory settings or initiating pairing mode.
- **5V/1A Power Port (Type C):** For connecting the power adapter.

Complete control  
no matter where you are



1. Connect your phone to Wi-Fi(Only 2. 4GHz)
2. Turn on the phone's Bluetooth
3. Open phone wifi
4. Power on the gateway
5. Hold the RESET button for 5s
6. Make sure the blue light is on, and the red light is blinking.

Figure 1: Sortfle Smart Hub Gateway with labeled ports and indicators.

## 2.2. Key Features

- **Multi-Protocol Support:** Compatible with Tuya ZigBee and Tuya Bluetooth protocols.
- **2.4GHz Wi-Fi:** Connects to your home network (5GHz Wi-Fi is not supported).
- **Remote Control:** Manage smart devices from anywhere via the SmartLife app.
- **Voice Control Integration:** Works with Alexa, Google Home, and SmartThings for hands-free operation.
- **Wide Compatibility:** Supports all ZigBee and Bluetooth roller blind motors from Sortfle, and any devices complying with standard Tuya ZigBee and Bluetooth protocols.
- **Extended Coverage:** Offers a signal range of up to 50 meters, allowing control through walls.
- **User-Friendly Setup:** Easy device setup and automation via the SmartLife app.

# Multiple device compatibility

Only work with Tuya ZigBee and Tuya Bluetooth products



Figure 2: Multiple device compatibility with the Sortfle Smart Hub Gateway.

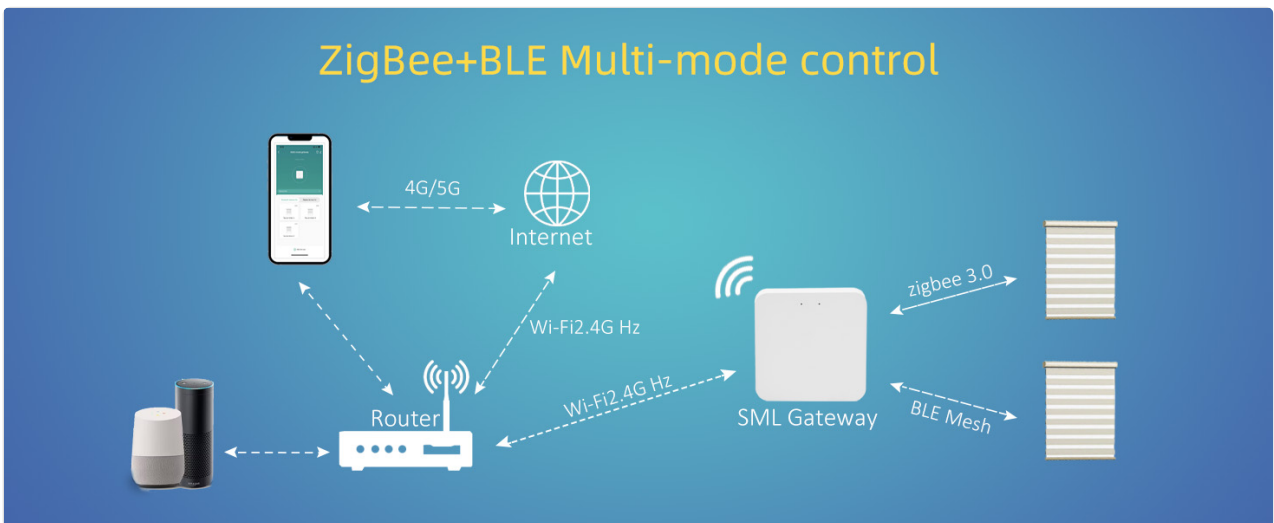
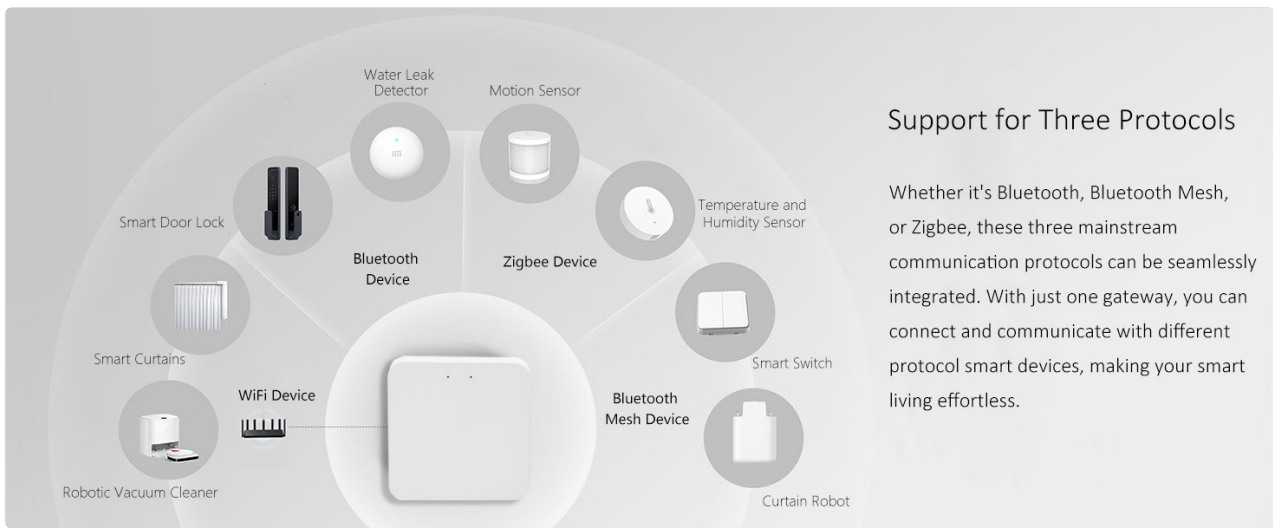


Figure 3: ZigBee and BLE Multi-mode control diagram.



## Support for Three Protocols

Whether it's Bluetooth, Bluetooth Mesh, or Zigbee, these three mainstream communication protocols can be seamlessly integrated. With just one gateway, you can connect and communicate with different protocol smart devices, making your smart living effortless.

Figure 4: Support for multiple communication protocols.

### 3. SETUP INSTRUCTIONS

Follow these steps to set up your Sortfle Smart Hub Gateway and connect it to your home network:

1. **Prepare Your Phone:** Connect your smartphone to a 2.4GHz Wi-Fi network. The gateway does not support 5GHz Wi-Fi. Ensure Bluetooth is enabled on your phone.
2. **Install SmartLife App:** Download and install the "SmartLife" app from your device's app store (Google Play Store for Android or Apple App Store for iOS).
3. **Power On Gateway:** Connect the provided Type C cable to the gateway's power port and plug it into a 5V/1A power adapter (not always included, check packaging).
4. **Enter Pairing Mode:** Press and hold the **RESET** button on the gateway for approximately 5 seconds.
5. **Verify Pairing Mode:** The blue LED light should be on, and the red LED light should be blinking, indicating the gateway is ready for pairing.
6. **Add Device in App:** Open the SmartLife app, tap the "+" icon to add a new device, and follow the on-screen instructions to discover and connect your gateway.



Figure 5: Gateway ready for setup via the SmartLife app.

## 4. OPERATING INSTRUCTIONS

### 4.1. Adding Sub-Devices

Once your Sortfle Smart Hub Gateway is successfully connected, you can add compatible Tuya ZigBee and Bluetooth sub-devices:

1. Ensure your sub-device is in pairing mode (refer to the sub-device's manual for specific instructions).
2. Open the SmartLife app, navigate to your gateway, and select "Add devices" or a similar option.
3. The app will scan for nearby compatible devices. Select your device from the list and follow the prompts to complete the pairing process.

## 4.2. Remote Control

The SmartLife app allows you to control your connected devices from anywhere with an internet connection. You can turn devices on/off, adjust settings, and create schedules or automation routines.

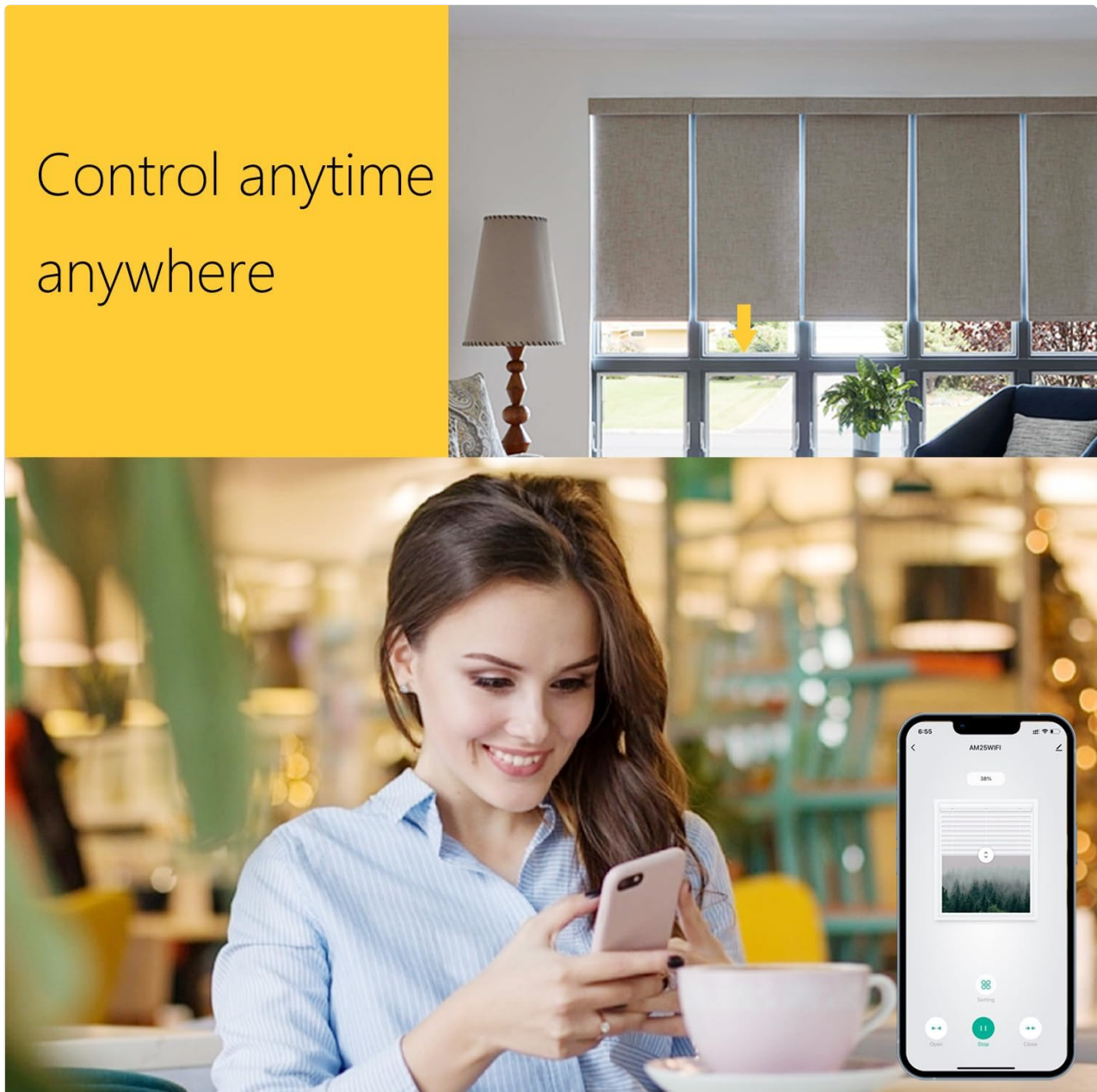


Figure 6: Remote control of smart devices via the app.

## 4.3. Voice Control

Integrate your Sortfle Smart Hub Gateway with popular voice assistants for convenient hands-free control:

- **Alexa:** Link your SmartLife account to the Alexa app. Once linked, you can use commands like "Alexa, open my roller shade."
- **Google Home:** Link your SmartLife account to the Google Home app. Use commands such as "Hey Google, turn on the living room light."
- **SmartThings:** Follow the integration steps within the SmartThings app to connect your SmartLife devices.

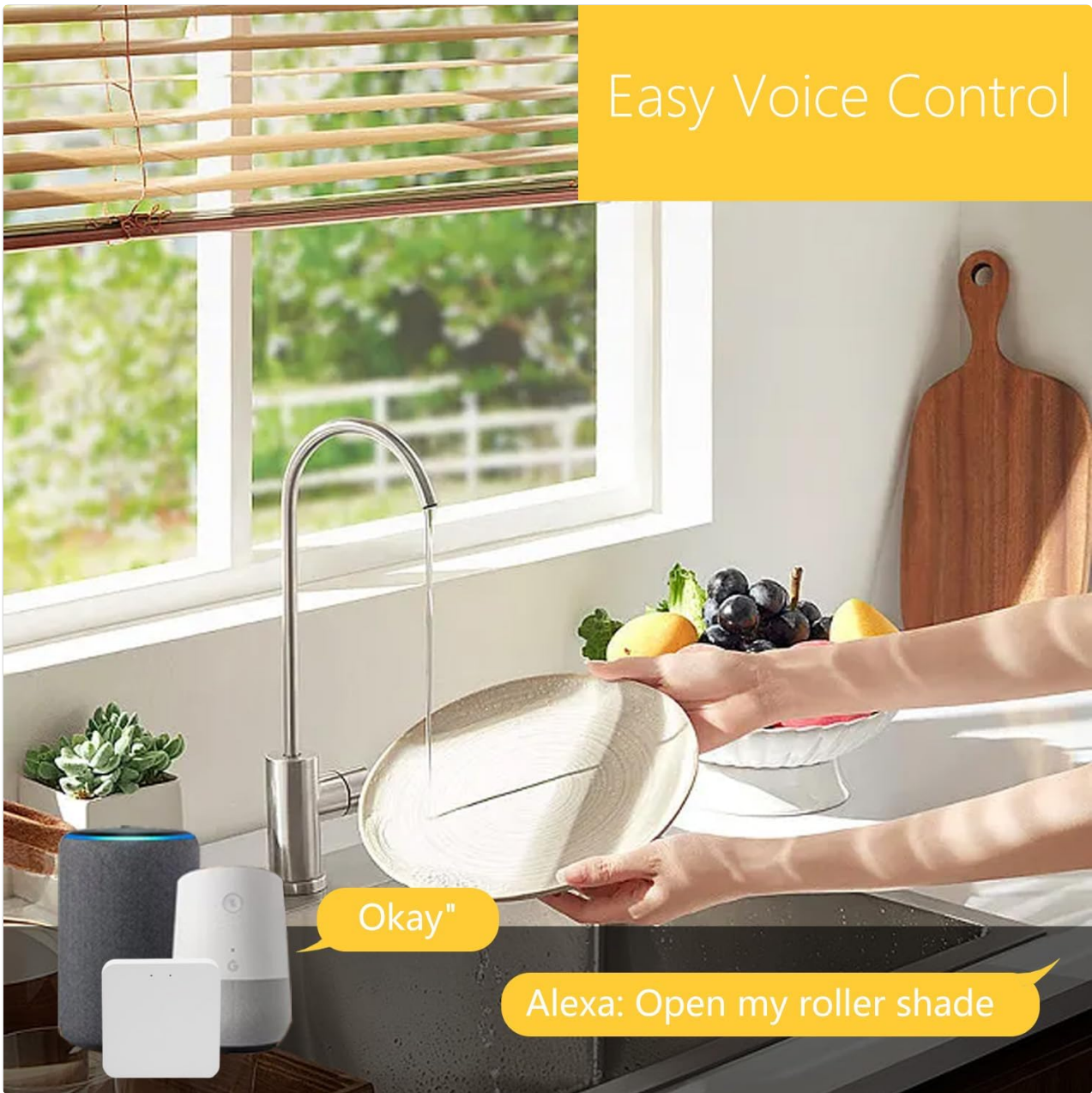


Figure 7: Voice control integration with smart assistants.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Sortfle Smart Hub Gateway:

- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use liquid cleaners, aerosols, or abrasive materials.
- **Environment:** Keep the gateway in a dry, clean environment, away from direct sunlight, extreme temperatures, and high humidity.
- **Power:** Ensure a stable power supply. Use only the recommended 5V/1A power adapter.

## 6. TROUBLESHOOTING

If you encounter issues with your Sortfle Smart Hub Gateway, refer to the following troubleshooting guide:

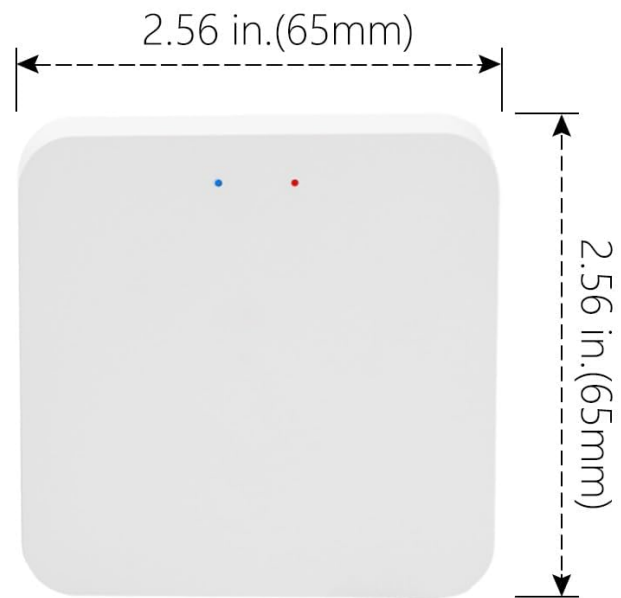
Problem	Possible Cause	Solution
Gateway not connecting to Wi-Fi.	Incorrect Wi-Fi frequency (5GHz), weak signal, or incorrect password.	<ul style="list-style-type: none"> <li>• Ensure your router is broadcasting a 2.4GHz Wi-Fi network. The gateway does not support 5GHz.</li> <li>• Move the gateway closer to your Wi-Fi router.</li> <li>• Verify the Wi-Fi password entered in the SmartLife app.</li> <li>• Reset the gateway and attempt the setup process again.</li> </ul>
Sub-devices not pairing with the gateway.	Incompatible device, device not in pairing mode, or out of range.	<ul style="list-style-type: none"> <li>• Confirm the sub-device is Tuya ZigBee or Tuya Bluetooth compatible.</li> <li>• Ensure the sub-device is in its specific pairing mode (check its manual).</li> <li>• Place the sub-device within 50 meters of the gateway.</li> </ul>
Voice control not responding.	SmartLife account not linked, internet connectivity issues, or incorrect commands.	<ul style="list-style-type: none"> <li>• Verify that your SmartLife account is correctly linked to your Alexa, Google Home, or SmartThings app.</li> <li>• Check your internet connection and ensure your voice assistant device is online.</li> <li>• Use the exact commands specified for your devices.</li> </ul>
Gateway LED indicators are off.	No power.	<ul style="list-style-type: none"> <li>• Check the power cable connection to the gateway and the power adapter.</li> <li>• Ensure the power outlet is functional.</li> </ul>

## 7. SPECIFICATIONS

Detailed technical specifications for the Sortfle Smart Hub Gateway (Model TYZB1):

<b>Feature</b>	<b>Detail</b>
Product Name	Smart Gateway
Model Number	TYZB1
Brand	Sortfle
Wireless Technology	2.4G Wi-Fi, ZigBee, Bluetooth
Adapter Output	5V / 1A
Working Temperature	-10°C to 50°C
Working Humidity	10% to 90% RH (non-condensing)
Dimensions (L x W x H)	2.56 in. x 2.56 in. x 0.59 in. (65mm x 65mm x 15mm)
Net Weight	33.0g (approximately 1.16 ounces)
Control Type	Remote, Voice
UPC	630282562578

## Small Design



Product name:	Smart Gateway
Wireless technology:	2.4G Wi-Fi; ZigBee/Bluetooth
Adapter output:	5V--- 1A
Working temperature:	-10°C-5°C
Working humidity:	10%~90% RH(no condensation)
Dimensions:	2.56 inX2.56 inX0.59 in.
Net weight:	33.0g

Figure 8: Gateway dimensions and specifications.

## 8. WARRANTY AND SUPPORT

For warranty information, technical assistance, or customer support, please contact Sortfle directly through their official channels or the retailer where the product was purchased. Please refer to your purchase documentation for specific warranty terms and conditions.

**Manufacturer:** Sortfle

**Website:** Sortfle Official Store on Amazon