

## SENCKIT Multi-mode Gateway-1

# SENCKIT Smart Multi-mode Gateway User Manual

Model: Multi-mode Gateway-1

[Contents](#)   [Specifications](#)   [Introduction](#)   [Product Overview](#)   [Package](#)  
[Setup](#)   [Operation](#)   [Maintenance](#)   [Troubleshooting](#)   [Warranty & Support](#)

## 1. INTRODUCTION

The SENCKIT Smart Multi-mode Gateway serves as a central control unit for smart homes, connecting various ZigBee, Bluetooth, and Mesh smart devices. This gateway facilitates communication between different protocols, enabling a unified smart home experience through the Smart Life or Tuya Smart App. It is designed for ease of installation and use, providing a wireless bridge for smart home automation.

## 2. PRODUCT OVERVIEW

The SENCKIT Smart Multi-mode Gateway supports both Bluetooth Mesh (SIG) and Zigbee 3.0 multi-protocol communication. This allows a single gateway to connect devices operating on different protocols to your 2.4GHz Wi-Fi network. Key features include:

- **Dual Protocol Support:** Connects Bluetooth Mesh (SIG) and Zigbee 3.0 devices.
- **App Remote Control:** Manage and control devices remotely via the Smart Life/Tuya App.
- **Voice Control:** Compatible with Amazon Alexa and Google Home for hands-free operation.
- **Smart Home Automation:** Enables device linkage and scene creation for integrated smart home functions.
- **Extensive Device Support:** Supports up to 128 Tuya smart home devices.



WORKS WITH  
Smart life



WORKS WITH  
Google Assistant



WORKS WITH  
amazon alexa



# Multi-mode Gateway



This image highlights the broad compatibility of the SENCKIT Multi-mode Gateway, indicating its support for Tuya Smart Life app, Google Assistant, Amazon Alexa, and various wireless protocols including WiFi, Zigbee, and Bluetooth.

## 3. PACKAGE CONTENTS

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Please verify that all items are present in your package:

- 1x SENCKIT Smart Zigbee Bluetooth Hub
- 1x USB Power Supply Line
- 1x User Manual (this document)



This image shows the compact SENCKIT Smart Multi-mode Gateway, its included USB power cable, and a smartphone screen demonstrating the device's control interface within the mobile application.

## 4. SPECIFICATIONS

|                     |                             |
|---------------------|-----------------------------|
| Product Name        | Smart Home Hub              |
| Model Number        | Multi-mode Gateway-1        |
| App Compatibility   | Tuya Smart / Smart Life App |
| Power Input         | DC 5V1A                     |
| Working Temperature | -10°C ~ 55°C (14°F ~ 131°F) |
| Working Humidity    | 10% ~ 90% (non-condensing)  |
| Wireless Connection | WIFI, ZigBee, Bluetooth     |
| Item Weight         | 1.41 ounces                 |

|                              |                             |
|------------------------------|-----------------------------|
| <b>Product Dimensions</b>    | 1.8 x 1.79 x 1.1 inches     |
| <b>Max Supported Devices</b> | 128 Tuya smart home devices |

## 5. SETUP INSTRUCTIONS

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Follow these steps to set up your SENCKIT Smart Multi-mode Gateway:

1. **Power On:** Connect the provided USB power supply line to the gateway and plug it into a suitable power source (DC 5V1A). The gateway will power on automatically.
2. **Download App:** Download the 'Smart Life' or 'Tuya Smart' app from your smartphone's app store (available on iOS and Android).
3. **Register/Log In:** Open the app and register for a new account or log in with an existing one.
4. **Add Device:** In the app, tap the '+' icon (usually in the top right corner) to add a new device. Select 'Gateway' or 'Hub' from the device list.
5. **Network Connection:** Follow the in-app instructions to connect the gateway to your 2.4GHz Wi-Fi network. Ensure your smartphone is also connected to the same 2.4GHz Wi-Fi network during the setup process.
6. **Pairing Mode:** The gateway's indicator light will typically blink to indicate pairing mode. Confirm this in the app.
7. **Completion:** Once successfully connected, the app will confirm the addition of the gateway. You can then proceed to add Zigbee and Bluetooth sub-devices.

## 6. OPERATING INSTRUCTIONS

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### 6.1. Adding Sub-Devices

After setting up the gateway, you can add compatible Zigbee and Bluetooth devices:

1. Ensure the sub-device is in pairing mode (refer to the sub-device's manual for specific instructions).
2. In the Smart Life/Tuya App, navigate to your Multi-mode Gateway.
3. Select 'Add Sub-device' or a similar option within the gateway's interface in the app.
4. The gateway will search for nearby devices in pairing mode.
5. Once detected, add the device and assign it a name and room if desired.

## Control Bluetooth and Zigbee devices

It supports Zigbee/Bluetooth/Bluetooth Mesh Protocols, so you can add Bluetooth or Zigbee devices in this gateway and control total 128 subdevices.



This diagram demonstrates the gateway's capability to control up to 128 sub-devices, including Zigbee temperature/humidity sensors, motion sensors, door/window sensors, Bluetooth water valves, smart door locks, and BLE Mesh LED ceiling lights.

### 6.2. App Remote Control

The Smart Life/Tuya App allows you to control all connected devices remotely. You can turn devices on/off, adjust settings, and monitor their status from anywhere with an internet connection.

### 6.3. Voice Control Integration

Integrate your gateway with voice assistants like Amazon Alexa or Google Home for convenient voice commands. Link your Smart Life/Tuya account within the Alexa or Google Home app, then discover devices. You can then use commands such as "Alexa, turn on the living room light" or "Hey Google, set the thermostat to 72 degrees."

# Voice Control



This image depicts a living room setup where the SENCKIT Multi-mode Gateway enables voice control of smart devices through Amazon Alexa and Google Home, allowing users to issue commands like 'turn off the TV'.

## 6.4. Smart Home Automation and Scene Linkage

Create automated routines and scenes within the Smart Life/Tuya App. Sub-devices connected to the gateway can act as triggers or actions for these automations. For example, a door sensor (Zigbee) can trigger a smart light (Bluetooth) to turn on when the door opens.

# Smart Devices Scene Linkage

You can create linkage scene for the added tuya smart devices, make the devices achieve interconnection and communication.



Multi -mode  
gateway

+



Smart door  
lock

+



Smart curtain

+

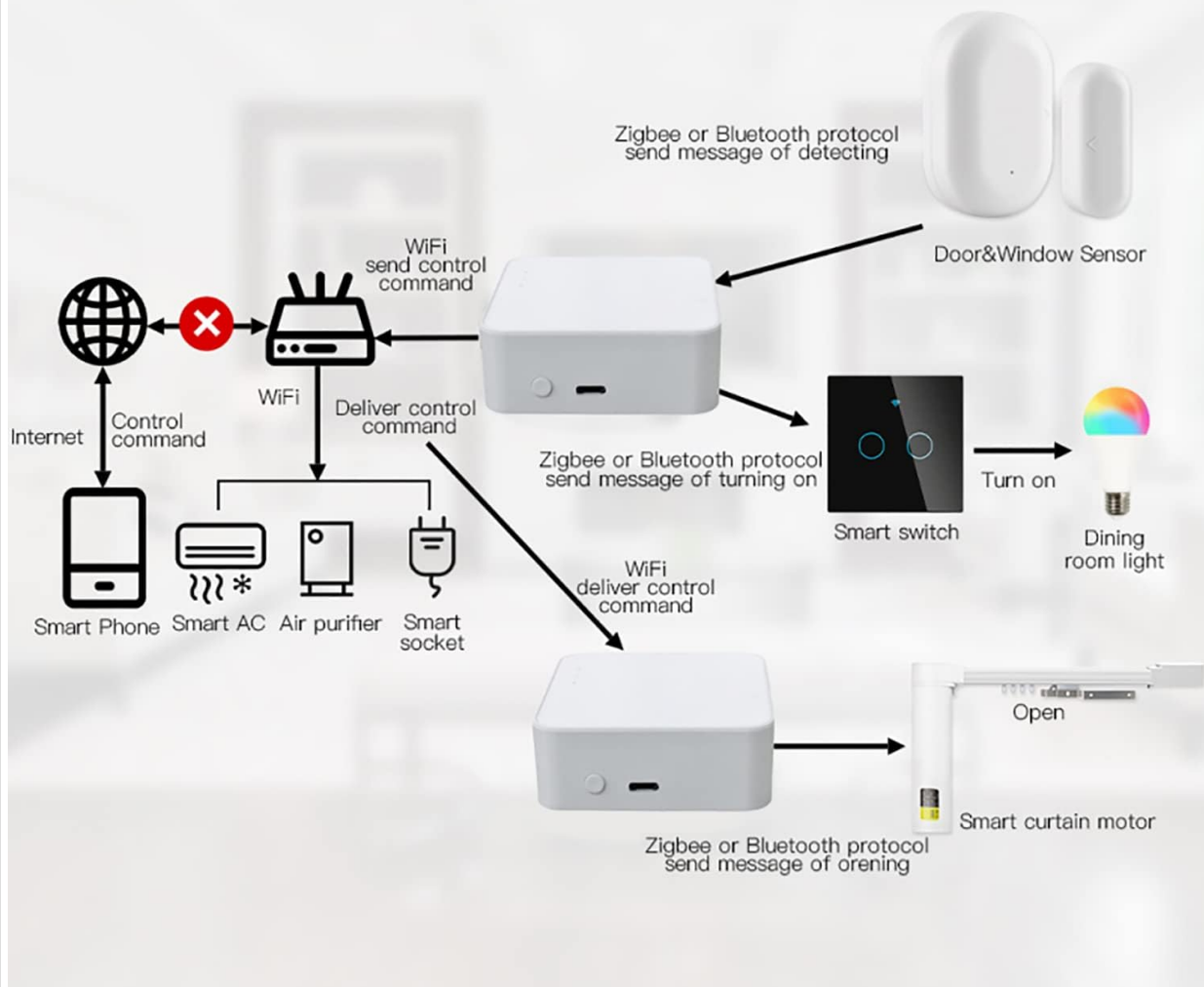


Smart light

This visual illustrates how the SENCKIT Multi-mode Gateway facilitates smart home automation by linking various devices, such as a smart door lock, smart curtains, and smart lights, to create integrated scenes.

# Standard protocol development based on ZigBee3.0 and Bluetooth SIG standard protocol

for smart integration in Smart Life App with intelligent controls



This detailed diagram explains the standard protocol development based on Zigbee 3.0 and Bluetooth SIG, demonstrating how the gateway integrates with the Smart Life App to control various smart devices like door/window sensors, smart switches, and smart curtain motors via WiFi, Zigbee, or Bluetooth.

## 7. MAINTENANCE

To ensure optimal performance and longevity of your SENCKIT Smart Multi-mode Gateway, consider the following maintenance tips:

- **Cleaning:** Gently wipe the device with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- **Placement:** Place the gateway in a central location within your home to maximize signal coverage for all connected devices. Avoid placing it near large metal objects or other devices that may cause interference.
- **Firmware Updates:** Regularly check the Smart Life/Tuya App for available firmware updates for the gateway. Updates can improve performance, add new features, and enhance security.
- **Power Cycle:** If the gateway experiences connectivity issues, try power cycling it by unplugging it from the power source for 10 seconds and then plugging it back in.

## 8. TROUBLESHOOTING

If you encounter issues with your SENCKIT Smart Multi-mode Gateway, refer to the following common problems and solutions:

- **Gateway not connecting to Wi-Fi:**

- Ensure your Wi-Fi network is 2.4GHz. The gateway does not support 5GHz Wi-Fi.
- Verify your Wi-Fi password is correct.
- Move the gateway closer to your Wi-Fi router.
- Restart your Wi-Fi router and the gateway.

- **Sub-devices not pairing with the gateway:**

- Ensure the sub-device is within range of the gateway.
- Confirm the sub-device is in pairing mode (check its specific manual).
- Reset the sub-device and try pairing again.
- Ensure the sub-device is compatible with Tuya/Smart Life and the gateway's protocols (Zigbee or Bluetooth).

- **Voice control not working:**

- Verify that your Smart Life/Tuya account is correctly linked to Alexa or Google Home.
- Ensure devices are discovered in the Alexa/Google Home app.
- Check your internet connection.

- **App not responding or crashing:**

- Close and reopen the app.
- Clear the app's cache or reinstall it.
- Ensure your smartphone's operating system is up to date.

If these steps do not resolve your issue, please contact SENCKIT customer support.

## 9. WARRANTY INFORMATION & SUPPORT

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### 9.1. Warranty

SENCKIT products are covered by a limited warranty against defects in materials and workmanship. The specific warranty period may vary by region and product. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the documentation included with your product or visit the official SENCKIT website.

### 9.2. Customer Support

For technical assistance, troubleshooting, or any questions regarding your SENCKIT Smart Multi-mode Gateway, please contact SENCKIT customer support. You can typically find contact information on the official SENCKIT website or through the Smart Life/Tuya App.

Visit the official SENCKIT store on Amazon for more information and products: [SENCKIT Amazon Store](#)

