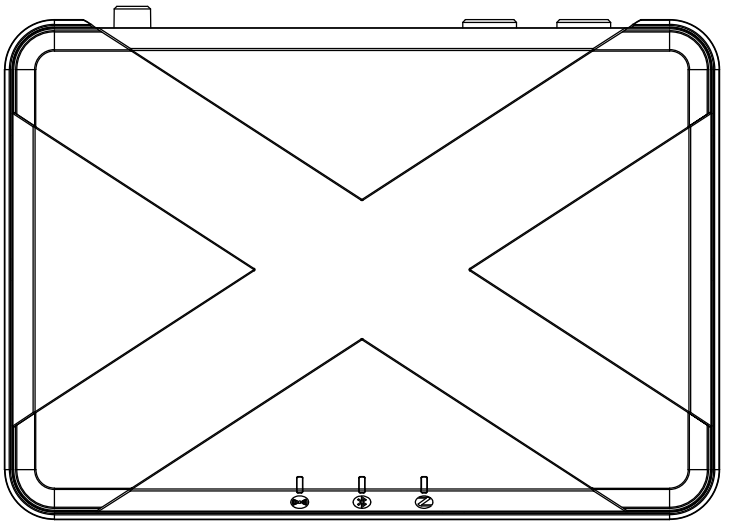


SEG-X1 ZigBee/Ethernet Gateway

Quick Start Guide

Safety Handling

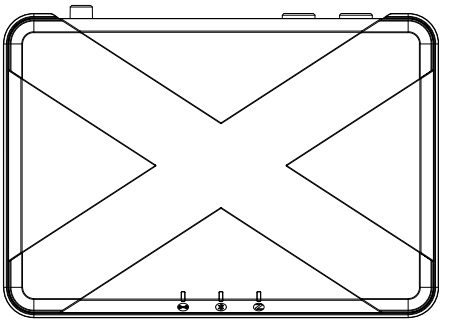
WARNING: Failure to follow these safety notices could result in fire, electric shock, other injuries, or damage to the gateway and other property. Read all the safety notices below before using the gateway.

- Avoid high humidity or extreme temperatures.
- Avoid long exposure to direct sunlight or strong ultraviolet light.
- Do not drop or expose the unit to intense vibration.
- Do not disassemble or try to repair the unit on your own.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.

Technical Specifications

Wireless Connectivity	
ZigBee	• 2.4GHz IEEE 802.15.4
ZigBee Profile	• 3.0
RF Characteristics	• Operating frequency: 2.4 GHz • Internal PCB Antenna • Range outdoor/indoor: 100m/30m (open area)
Physical Specifications	
Data Interface	• Micro USB port
Ethernet	• 100M bps • Auto MDIX
Operating Voltage	• 5V DC • Rated power consumption: 1W
Dimensions	• 91.5(W) x 133 (L) x 28.2(H) mm
Weight	• 103 g
Mounting Type	• Tabletop stand or Wall mounting

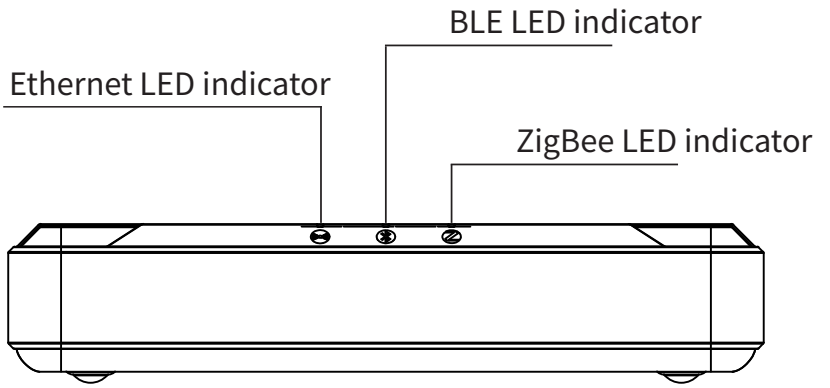
1 Introduction



The SEG-X1 Smart Gateway acts as a central platform for your smart home system. It allows you to add ZigBee or BLE (Optional) devices into the system and to be controlled remotely, while at the same time provide more stable connection through Ethernet.

This guide will provide you with an overview of the product and help you get through the initial setup.

2 Get to know your device



Ethernet LED indicator

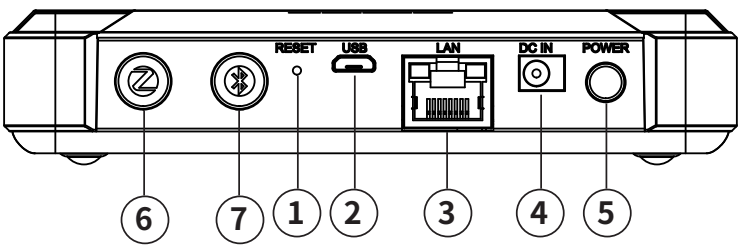
The status gives the following information:

LED Status	What it means
LED flashes rapidly	Connected to the cloud Successfully
LED flashes slowly	Failed to connect to the cloud
No LED light	Gateway error

ZigBee LED indicator

The status gives the following information:

LED Status	What it means
Steady light	Permit Joining
Flash twice	New device added successfully



① Reset Button

- **Restart:** Press the reset button once to restart the gateway.
- **Reset:** Press and hold the reset button for 10 seconds until the ZigBee LED indicator start flashing to restore the gateway to default factory setting. (All data stored in the gateway will be removed).

② **Micro USB:** Debugging, for developer only.

③ Ethernet Port

④ 5V DC in

⑤ **Power Button:** Press the power button to turn on/off the gateway.

⑥ 'Z' Button

- **Permit joining.** Press and hold the 'Z' button for about two seconds until the ZigBee LED turns solid. You can press the 'Z' button once to exit permit joining.
- **Reset ZigBee network.** Press both the 'Z' button and the reset button once together to reset the ZigBee network (ZigBee LED indicator flashes five times, all the ZigBee devices' information stored in the gateway will be removed).

⑦ BLE Button

- **Clear Ethernet network information.** Press both the BLE button and the reset button once together to reset the Ethernet network information (Ethernet/BLE/ZigBee LED indicator turns steady, all the Ethernet network information stored in the gateway will be removed).

3 Get Started

3.1 Use your mobile phone to control the SEG-X1 Gateway

1. Plug in the power adapter to power on the gateway.
2. Insert the Ethernet cable to ethernet port to get the gateway to connect to the internet (If you need to manually configure the gateway, please refer to FAQ)
3. Download the mobile App from Google play or Appstore.
4. Follow the "First setup wizard" in the app to register an account (You can also tap the "Sign Up" button in the bottom right of the login interface later).
5. Use the account registered to login.
6. Tap the "+" button in the top left of the mobile app to add the gateway.
7. Follow the on-screen instructions to add the gateway.

3.2 Adding new devices to the SEG-X1 Gateway

Press and hold the 'Z' button for about two seconds until the blue LED light light up steady to set your SEG-X1 Gateway to Permit joining. You can also use the mobile App to do so:

For Android: Tap the device bar to enter the gateway interface, then tap the tool bar icon () at the top left corner, tap "Setting" and select "Add New Devices".

For iOS: Tap the device bar to enter the gateway interface, then tap the tool bar icon () at the top left corner, and then select "Add New Devices".

The gateway will allow ZigBee devices to join its ZigBee network within 60 seconds. You can press the 'Z' button once or tap "Cancel" in the mobile app to exit.

3.3 For future update

For Android: Tap the device bar to enter the gateway interface, then tap the tool bar icon () at the top left corner, tap "Setting" and select "About" to check and download the latest gateway version (if any).

For iOS: Tap the device bar to enter the gateway interface, then tap the tool bar icon () at the top left corner, select "About" to check and download the latest gateway version (if any).

4 FAQ

1. How to manually configure the gateway?

Press the power button to power off the gateway. After that, press and hold the BLE button and 'Z' button together, then press the power button to power up the gateway. Release the BLE button and the 'Z' button after 2 seconds when the gateway is turned on to set it to manual set up mode. Then follow the steps in section 3 to continue set up the gateway.