

Mesh Gateway-GWSMMB

Description

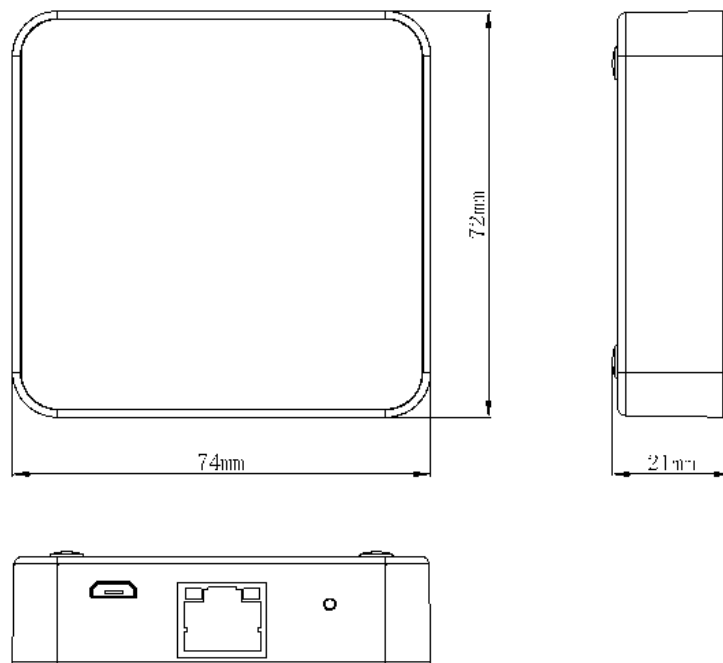
The Bluetooth Mesh Gateway integrates Wi-Fi and Bluetooth 5.0 for the connection and management of Bluetooth mesh networks in commercial building applications. It allows remote access and control of up to 250 devices via the gateway function. It connects the lighting system to the cloud via the internet.

Remote connection is via Ethernet or Wi-Fi.

Features

- Connects with up to 250 T-smart Light devices
- 3 LED indicators for feedback on power, connectivity, and communication
- Remote connection via Ethernet or Wi-Fi
- Synchronized with the server data
- Device status reporting and time calibrating.
- Can be remotely managed, upgraded, and controlled
- Secure wireless communication based on the Bluetooth SIG Mesh standard
- 5-year full hardware warranty with 100% repair coverage for all properly installed devices.

Dimensions



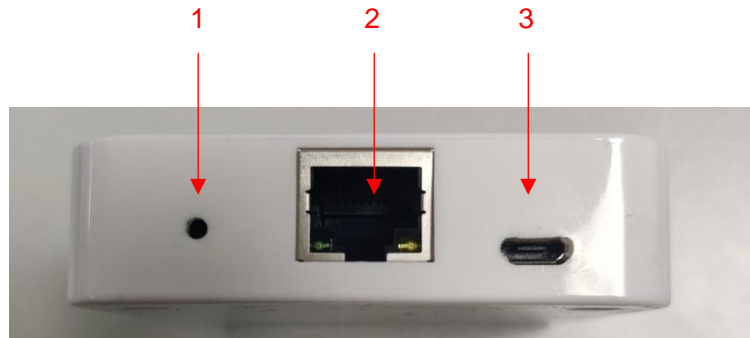
Installation

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1. The gateway must be placed within 10m (33ft) from one or more of the luminaires.
2. The gateway must have a strong and reliable connection to the internet via Wi-Fi or Ethernet in order to work.

Interface Introduction



- 1: Reset
- 2: Network Interface
- 3: Power Interface
- 4: Power LED
- 5: Bluetooth LED
- 6: Wi-Fi LED

LED Indicator Light

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Color	Function
Red	Power LED is always on when powered on, indicating that the power supply is well.
Blue	The APP automatically searches for the gateway, and the blue indicator flashes during configuration. After the gateway is added successfully, the blue indicator light is always on, indicating that the gateway has joined the Bluetooth mesh network. If the addition fails, the blue indicator light is off.
Orange	When connecting to the Router, the orange indicator flashes. After the configuration is successful, the orange indicator light is always on, indicating that it is connected to the Internet. If configuration fails, the orange indicator light is off.

Technical Specifications

General characteristics	
Processor	Xtensa 32-bit LX6
Supply options	
Power supply	In: 100-240Vac, 50/60 Hz Out: 5Vdc/1 A
Gateway DC power supply	5V, 411 mA
Power consumption	<2W
Environmental conditions	
Operating temperature range	-20°C to +50°C
Operating relative humidity	≤95%RH, non-condensing
Connector type	
Supply in	Microusb 5P B Type
Ethernet	LAN RJ45 10/100M Ethernet interface
RF information	2.4 GHz BLE radio (IEEE 802.15.1) Tx/ Rx; BLE/Wi-Fi Maximum radio frequency antenna power output: 100 mW (+20 dBm); BLE Range of 60m (over 190 ft) line of sight; Wi-Fi Range of 100m (over 300ft) line of sight.
Supported Ethernet protocols	DHCP, DNS, HTTP, HTTPS, MQTT, TCP/UDP/IP
Housing	
Material	ABS
Color	White
Dimensions(L*W*H)	74*72*21mm
Weight	55g
Power adapter	Power Plug SELV/Class2 Universal Mains 100-240VAC Length of cable 1.2m

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Mounting
Put on a flat surface

Regulatory compliance	
Certifications	CE, FCC, UL
Environmental standard	Compliance with RoHS

Factory settings

There are two ways to reset the gateway:

- 1) Long press the reset button for more than 5 seconds;
- 2) Send reset commands using the App.

Once reset successfully, the gateway will clear Wi-Fi, Ethernet, Bluetooth and other information that the user has configured, then the yellow and blue LED indicator lights go out.

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