

Bluetooth® Dimmer Wall Switch

SPECIFICATION

The bluetooth dimmer wall switch is designed to replace your existing wall switch and add enhanced lighting control. This wall switch has one sliding block for direct control of your BLUEZONE connected devices to change Brightness easily.

OVERVIEW

The BLUEZONE switch provides the basic control functions of a standard wall switch with preset dimming capabilities. The BLUEZONE switch gives you the flexibility to predefine & change light levels that can be accessed via sliding blocks.

FEATURES AND BENEFITS

Localized Microprocessor Control: Each The BLUEZONE switch is a fully-fledged computing and communications device. The control communicates with BLUEZONE Smart Sensors and Controllers wirelessly, enabling the sensor to make local decisions regardless of the icloud network status.

Programmable: via the sliding blocks to change the brightness.

Simple and Low-cost Installation: The BLUEZONE switch require external power. The BLUEZONE switch can be installed directly over existing junction boxes.

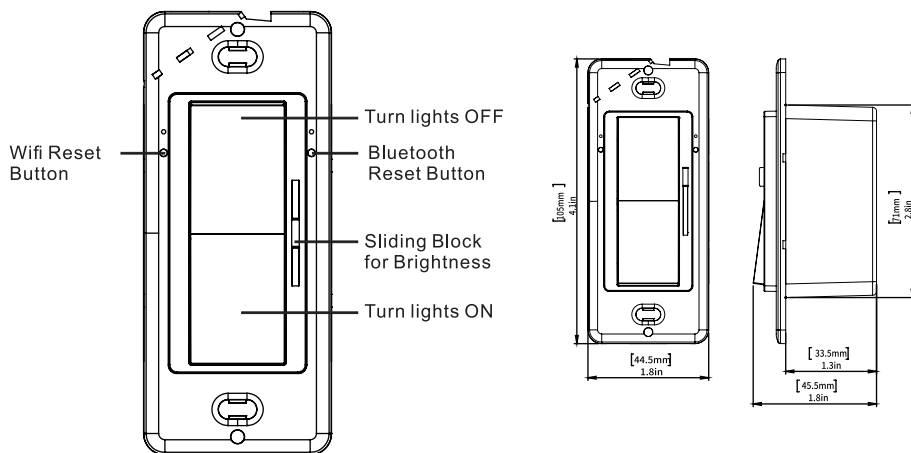
Standards-Based Networking and Security: The 802.15.4 compatible radio transmits messages in the 2.4GHz band while avoiding interference with any Wi-Fi or other networks. All messages are AES-128 encrypted to provide network security.

Minimal Air-time: The BLUEZONE Switch transmits its messages in short bursts to BLUEZONE sensors, utilizing very little of the channel capacity and minimizing collisions with other network traffic.



The BLUEZONE Switch(BC-USDM101-5-GE)

L	4.13"	105mm
W	1.75"	44.5mm
H	1.8"	45.5mm





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Step-by-step guide to installing a BLUEZONE switch

Step 1: Find a good spot for your Switch

Step 1: Find a suitable position for your switch. You need a junction box, he needs 120-277VAC power, maybe to cover a traditional light switch. The best place to install a BLUEZONE switch is near an entrance or seating area, such as around a living room sofa or dining table.

Step 2: Mount it with screws

Disconnect the power, connect the switch to the 120-277VAC wire, then secure the BLUEZONE switch to the existing junction box (with screws).

Step 3: Factory reset the switch and Pair your Dimmer switch with your lights

The Bluetooth device can be restored to factory settings by pressing the "Bluetooth Reset button" with a fine needle for about 5 seconds. During this process, the red indicator will blink three times at an interval of 0.5 seconds. After the device restarts, the indicator will blink at a slow rate (once every 1 second) for 60 seconds until the device enters network distribution mode. If no operation is performed, the device will transition into a low-power state. Once connected to the network, the device will enter a low-power working state.

Step 4: The distribution network of the gateway

Press the "Wifi Reset Button" with a fine needle for 5 seconds. The red indicator blinks once. The serial port sends the network distribution command FB 00 14 00 EF 55 to the gateway, and the gateway device is in the state to be distributed.

TECHNICAL SPECIFICATIONS

Action: Bluetooth® Dimmer Wall Switch

Actuations: Rated for 50,000 actuations

Power: 120-277VAC ,60Hz

Max Fixtures Per Control: 100

Interoperability: Bluezone Sensors and Gateways

Operating Temp.: 32 to 122 F/0° to 50°C

Enclosure: Recyclable PC

Wireless Standards: IEEE 802.15.4

Radio Frequency: 2400-2483.5 MHz

Wireless Range: 60 ft. (18 m) radius open range

Encryption: AES-128

ORDERING INFORMATION

BC-USDM101-5-GE Bluetooth® Dimmer Wall Switch

COMPLIANCE

Europe



United States



Canada



WARRANTY: 5 years