



HSE-BW2



HSE-BW3

Description

This self-powered wireless Bluetooth wall switch is a smart lighting control solution that requires no wiring, batteries, or external power. It generates energy from each button press and connects to lighting systems via Bluetooth for easy, truly wireless installation.

Features

- No Batteries. No Wiring. Powered by your touch—no need for power cables or battery replacements.
- Reliable Bluetooth Connection: Stable, low-energy Bluetooth communication with your smart lighting system.
- Two-key and four-key options
- Fits Standard Wall Boxes
- Fast & Easy Install: Mounts like a regular switch—no electrician required.
- Low Maintenance: Completely self-powered, long-lasting, and worry-free.



No Wiring



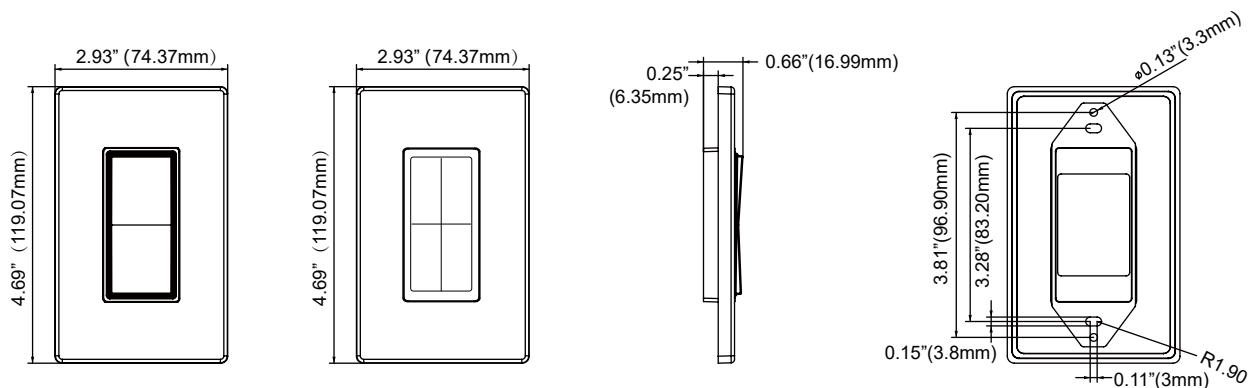
No Batteries



Specifications

Input Voltage	Kinetic Self-Powered
Communication Mode	GFSK
Operating Frequency	BLE 2.4 GHz
Control Range	≥12 m / 39 ft (Line-of-Sight, no obstacles)
Operation Method	Direct control after paired device network configuration
Service Life	≥100,000 Cycles
Operating Temperature	20 °C to +55 °C (-4°F to +131°F)
IP Rating	IP20
Warranty	5 Years

Dimensions



User Guide

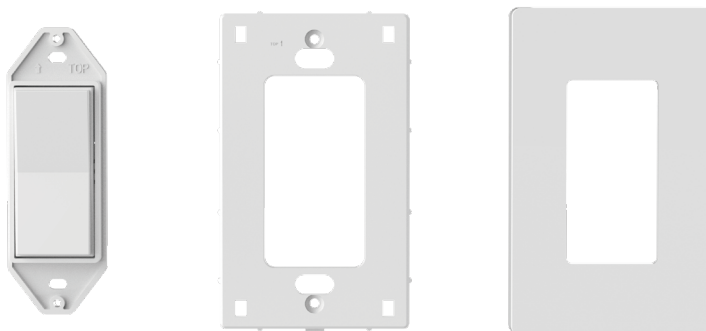
key Functions (Two Button)

Top-left key:

Light NO, long press to dim level+

Bottom-left key:

Light OFF, long press to dim level-



key Functions (Four Key)

Top-left key:

Light NO, long press to dim level+

Bottom-left key:

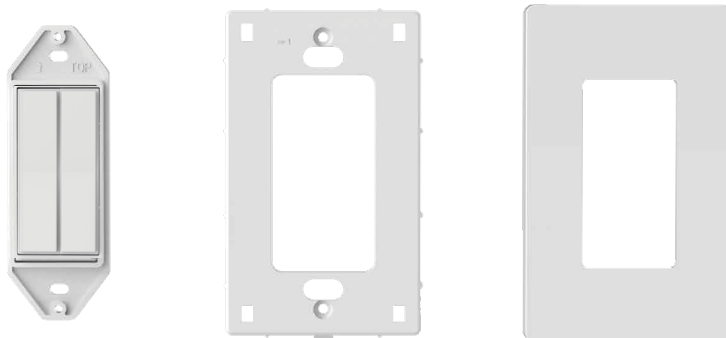
Light OFF, long press to dim level-

Top-right key:

CCT+; long press for stepless increase of color temperature.

Bottom-right key:

CCT-; long press for stepless decrease of color temperature.



Installation & Pairing

1. Usage Instructions

Mount the Switch

Use adhesive or screws to place the switch anywhere—no wiring needed.

Bind the Device

Bind the switch's MAC address (or scan the QR code) with any compatible sensor or control hub.

2. Preparation

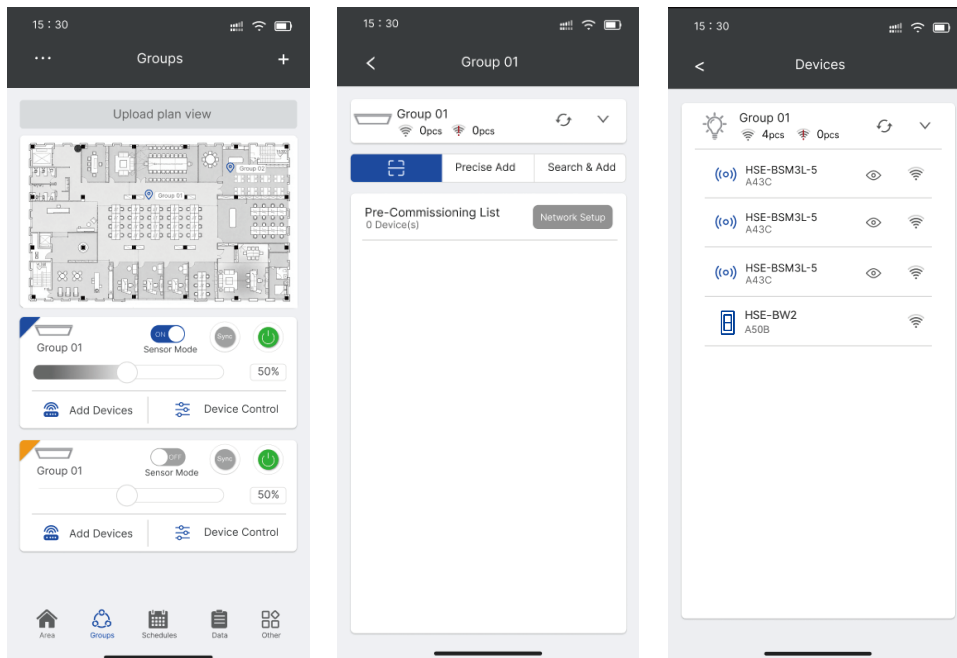
- Search for and download the **HSE WISE APP** from your app store, then complete installation, registration, and login.
- Enable Bluetooth on your mobile device and ensure it remains active.



3. Device Pairing Steps

Note:

HSE-BW2/HSE-BW3 are self-powered devices and do not support manual activation. A sensor must exist within the group for network setup. Scan the device to add it, and control is enabled through the sensor node information.



Open the HSE WISE APP and enter the **【Add Devices】** interface. Add a Bluetooth sensor first; if a sensor is already bound to the group, you may directly scan to add the self-powered device.

Tap the scan function, then scan the QR code on the HSE-BW2 or HSE-BW3 device to complete network configuration and device addition.

After device addition, check the connection status in the device list.