



Wireless Bluetooth Four Button Switch with Casambi Software

The ILLUMRA™ Wireless Bluetooth Four Button Light Switch has built-in functionality for dimming, on/off, and momentary control. This Dual-Powered switch may be powered with either a CR2032 coin cell battery or any 5-30 VDC power source. The ILLUMRA Four Button Switch is 2023 NEC Code Compliant.



Features:

- Available in white and black
- Can be wired in or battery-operated
- Fits standard single or multi-gang switch box.
- Attachments included to easily adjust the number of buttons.
- Faceplates available for purchase - Sold Separately

CASAMBI



Applications



Retrofiting

New Construction

Classrooms

Offices

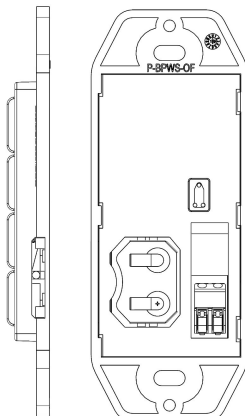
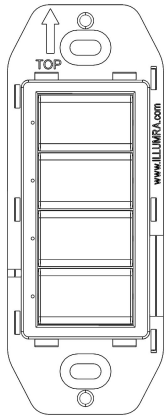
Warehousing



White



Black



Technical Spec:

BTT-S4Bxx-C20

| | |
|---|---|
| Range | 30'-150'+ (10m-30m) @ 2Mbps 45'-120'+ (15m-40m) @ 1Mbps 60'-180'+ (20m-60m) @ 500kbps |
| Frequency | Bluetooth (BLE) 2.4 GHz |
| Power Supply | Coin cell battery (CR2032) Low-voltage 5V-30 VDC |
| Buttons | 1, 2, 3 or 4 |
| Dimensions | 1.58" (4 cm) W x 4.14" (10.5 cm) H x 0.42" (1 cm) D |
| Operating Temp (battery) Operating Temp (Line) | -13° to +149°F (-25° to +65°C) |
| Certification | FCC (United States): SHM6MDBT50Q I.C. (Canada): 8017A-MDBT50Q UL Pending |

Ordering (example: BTT-S4BWH-C20):

| BTT | - | S | 4 | B | xx | - | C20 |
|-------------------------------------|---|------------|--------------|----------------|--------------------------|---|----------------------------------|
| BTT = BLE 2.4 GHZ Transmitter | | S = Switch | 4 = 4 button | B = Revision B | WH = White BK = Black | | Flashed with Casambi software |



Wireless BT Four Button Switch

COMPATIBILITY

Casambi LED Luminaires

Casambi Controllers

Casambi LED Luminaires



Casambi Controllers



Casambi Eco-system



BID SPECIFICATION SELF-POWERED WIRELESS WALL SWITCHES

1. Mechanical

- a. Switches shall communicate with Casambi systems wirelessly
- b. Switches shall include accessories to have 1, 2, 3, or 4 buttons
- c. Switches shall fit into a standard North American size light switch junction box
- d. It shall be possible to install multiple switches using surface mounting plates available from the manufacturer or standard electrical multi-gang switch boxes
- f. Switches must have a Tamper-Resistant feature built into the design
- g. All Switches shall be available in black and white
- h. Switch faceplates shall be available for purchase as accessories for BTT-S4Bxx-C switch assemblies
- j.. Switches shall be constructed of PC and ABS plastic

2. Electrical

- a. Switches shall use 2.4 GHz Bluetooth Low Energy (BLE) radios. Systems that use other radio frequencies shall not be acceptable
- b. Switches shall have a lateral range of at least 15 m (45 ft.) – commercial office space (typical)
- c. Switches shall comply with FCC Part 15 subpart C, IC RSS-102 and RSS-247

3. Functional

- a. Switches shall be able to switch loads on and off when used with compatible relays and controllers
- b. Switches shall be configurable in the Casambi app to control on/off, dimming and scene control functions with compatible devices
- c. Switches shall be able to offer momentary control functionality when used with compatible relays and controllers
- d. Switches shall be tested to exceed 250,000 presses