

PROJECT

TYPE

CATALOG #



The white 8-button remote replaces existing wall switches to deliver enhanced lighting control, featuring 8 front-panel buttons for direct control of Bluezone connected devices and compatibility with the free Bluezone app for remote management via smartphone or tablet.



OVERVIEW

- The Bluezone switch delivers the control functions of a standard wall switch with preset dimming capabilities — no additional wiring required — and allows users to predefine and change light color (CCT)* and light levels, all accessible at the push of a button.

*Must use CCT tunable driver or purchase CCT controller separately.

CODE COMPLIANCE

- cULus listed.
- Complies with FCC.

WARRANTY

- 5 year warranty.

FEATURES AND BENEFITS

- Localized Microprocessor Control:** Each Bluezone switch is a fully featured computing and communications device. The switch communicates wirelessly with Bluezone Smart Sensors and Controllers, enabling the sensor to make local decisions regardless of cloud network status.
- Programmable:** At the push of a button, users can predefine and adjust light colors and light levels.
- Code Compliant:** In regions where building codes require a manual ON/OFF, dim-up, and dim-down switch in an enclosed space, the Bluezone switch fulfills those requirements.
- Simple, Low-Cost Installation:** The Bluezone switch does not require external power or specialized low-voltage wiring. It can be installed directly over existing junction boxes.
- Standards-Based Networking and Security:** The IEEE 802.15.4-compatible radio transmits messages in the 2.4 GHz band while avoiding interference with Wi-Fi and other wireless networks. All messages are encrypted using AES-128 to help protect network security.
- Minimal Airtime:** The Bluezone switch transmits short message bursts to Bluezone sensors, using very little channel capacity and minimizing collisions with other network traffic.

ORDERING INFORMATION

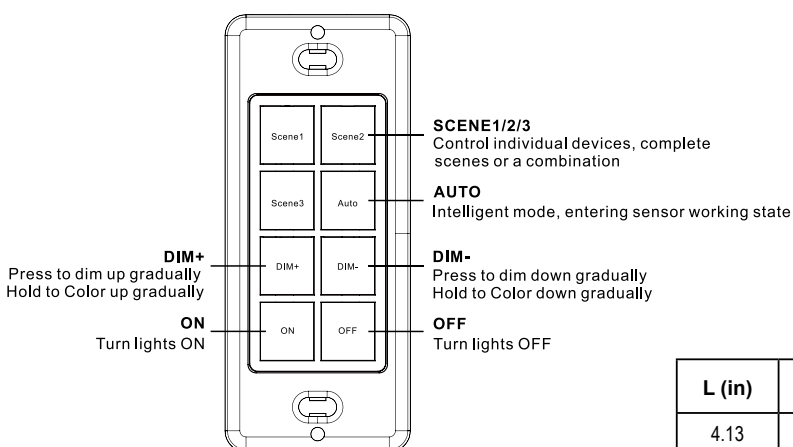
Part Number	Description
BRI-WS205-GE	Bluetooth Wireless Dimmer Wall Switch, White

TECHNICAL DATA

Parameter	Specification	Parameter	Specification
Action	Eight push buttons; Up to four software-configurable scenes	Mesh Range (node-to-node / commissioning)	100ft/50ft
Transmission Power	<0.2mW	Enclosure	Polycarbonate
Operating Temperature	-32°F~+131°F(0°C~+55°C)	Color / Finish	white
Power	2 x CR2032	Weight	2.75 oz (78g)
Battery Life	5 years based on average usage	Wireless Range	150 ft. (46 m) radius open range
Max Fixtures Per Control	100	Encryption	AES 128-bit
Interoperability	Bluezone Sensors and Gateways	Warranty	5 years
IP Rating	IP20	Wireless Standards	IEEE 802.15.4
Max Bluetooth Range	150ft (46m)	Mobile App	Bluezone App (IOS /Android)
Radio Frequency	2400-2483.5 MHz	Gateway Required	Optional

COMPLIANCE & CERTIFICATIONS

Item	Status / Reference
Safety Listing	cULus Listed
DLC NLC Qualified	N-TDEGAJ
FCC	N/A
Bluetooth Qualification (BQB)	Declaration ID: D066960
Cybersecurity	UL 1376 -(specify rating: Gold)
Encryption	AES 128-bit
RoHS	Compliant - Mercury and UV free
California Compliance	Cybersecurity
Trade Agreements Act (TAA)	China Non-TAA
IP Rating	IP20



L (in)	W (in)	H (in)
4.13	1.75	0.65