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Casambi Knowledge Base



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Specification Library

Project: \_\_\_\_\_

Reference Type: \_\_\_\_\_

Item Code: \_\_\_\_\_

Date: \_\_\_\_\_

Notes: \_\_\_\_\_

## Wireless 1-Button Wall Controller

### Overview

- Casambi Wireless Mesh
- Manual on/off (wireless)
- Dim up/down (wireless)
- Scenes/Color Tuning
- ioXt Alliance cybersecurity certification
- LED status indicator light
- Mounts in any standard wall box
- Color: White



Suitable for Indoor Use Only



### Applications

mwConnect's Wireless 1-Button Wall Controller (PSC-DM-WS-100-BLE-CB) wirelessly communicates using Casambi Wireless Mesh controllers to provide light level control to lighting in the space. The controller can be installed in a standard single gang wall box.

Typical applications include private offices, open office areas, lobbies, classrooms and conference rooms.

### Operation

#### Casambi Wireless Mesh Controls:

The Wall Control connects to a wireless mesh network via a mobile app, available as iOS or Android, to allow initial setup and subsequent parameters adjustments.

**User Interface:** Using the mobile app, features include: setup, control real time feedback, and scheduling without a gateway or internet access.

See the mwConnect Casambi Commissioning User Manual for more information.

### Summary

Product Type:  
Wireless Wall Controller

Input Voltage | Power Consumption:  
120-277 VAC, 50/60Hz | Max 1.5W

Mounting:  
Standard wall box

Max Wireless Range<sup>1</sup>:  
30ft (9.14m)

Operating Temperature:  
0° to 55°C

Storage Temperature:  
-10° to 60°C

Relative Humidity:  
90-95% non-condensing at 30°C

Color: White

Warranty: 5 years

Note:

1. Wireless Range is highly dependent on the integration of fixtures, surrounding environment and conditions. It is recommended to conduct testing for range accuracy.



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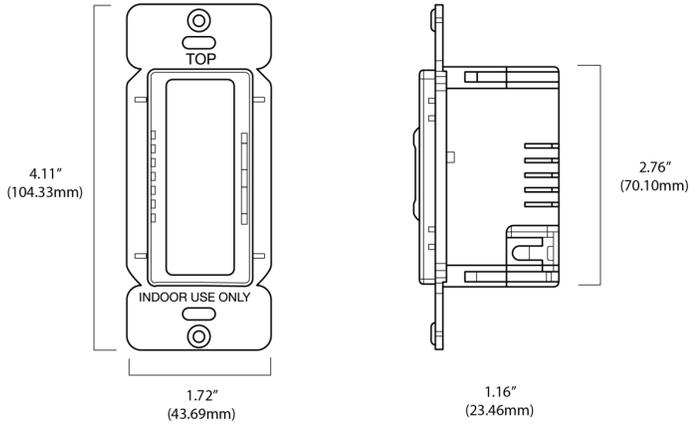
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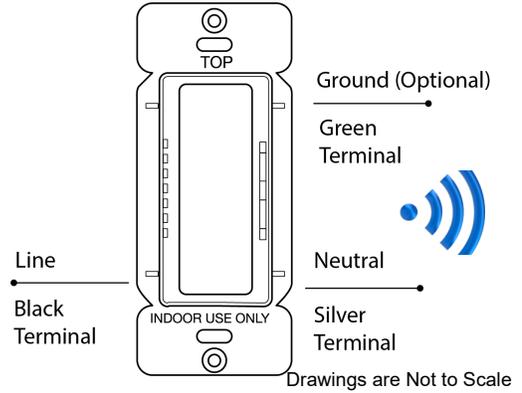
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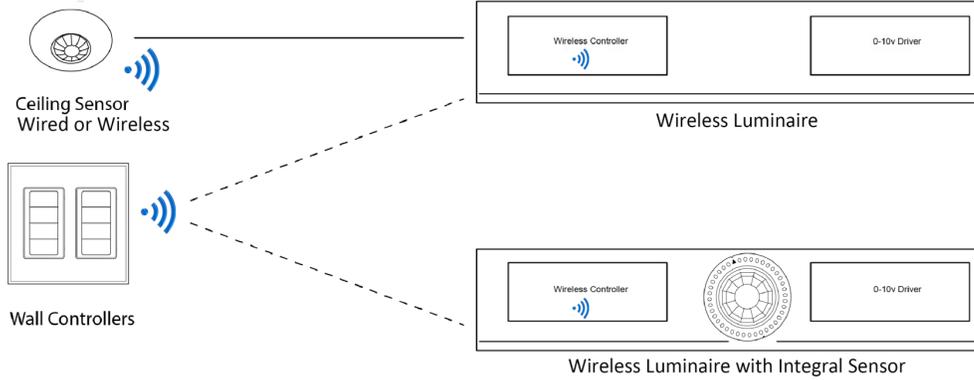
## Physical Dimensions



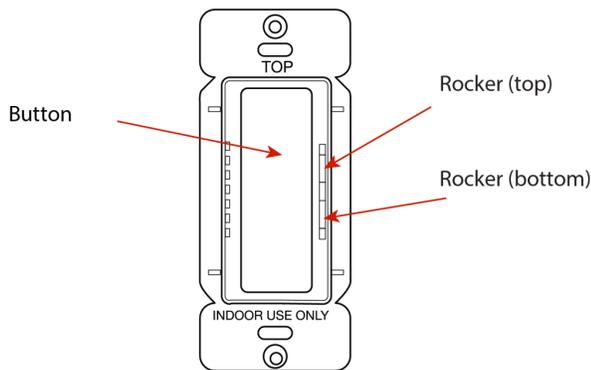
## Wiring Diagram



## Examples



## Wireless Manual Control



### Button for On/Off:

Short press - OFF

Short press - AUTO/ON

Auto = Resume automatic control; turns on the automatic settings for luminaires (defined by the settings profile).

### Rocker for dimming:

Top - Raise

Bottom - Lower

### Factory reset:

Press and hold Button together with Rocker at top and bottom for 10 sec. The device returns to an un-provisioned state.

## How to Order

Model No.	Description	Input Voltage
PSC-DM-WS-100-BLE-CB	Wireless 1-Button Wall Controller, mwConnect Casambi Wireless Mesh, (decorator faceplate not included)	120-277 VAC, 60Hz