

Casambi Mesh Outdoor Long-range Gateway

Overview

- Integral Gateway Enables Advanced Features of Lighting Control Network
- Suitable for Outdoor or Indoor use
- Input Voltage Range from 120 to 277VAC or 480VAC
- Gateway Connects to Local Network via Ethernet
- Available with Optional Cellular Modem (-CGW model)
- Outdoor Rated NEMA 3R Non-Metallic Enclosure
- Compatible with Casambi Wireless Mesh Systems



Applications

The mwConnect Outdoor Long-range Gateway provides a suitable gateway installation when interior mounting is not available. The built-in range extender provides range connectivity up to 900ft.

The integral Gateway is intended to connect to the nearest local network via ethernet (-EGW models). An optional integral cellular modem (-CGW models only) is available for installations where a network connection is not available. Contact mwConnect for more information regarding cellular access and billing.

This device includes offers two different input voltage options, 120 to 277VAC (-200 models) or 480VAC (-400 models). Both feature 20KA surge protection.

Operation

Casambi Wireless Mesh Controls: The controller connects to a wireless mesh network via a mobile app, available as iOS or Android, to allow initial setup and subsequent parameters adjustments.

Ethernet Connection: The gateway communicates via a local network (-EGW model).

Cellular Modem: An optional cellular modem (-CGW model only) is available for installations where ethernet connectivity is not available.

See the Casambi Commissioning User Manual for more information.

Summary

Product Type:
Outdoor Long-range Gateway

Input Voltage:
120-277VAC, 50/60Hz (-200 models)
480VAC, 50/60Hz (-400 models)

Max Bluetooth Range¹: 900ft (274m)

Mounting: Surface Mounted Enclosure

Operating Temperature:
-4°F to 104°F (-20°C to 40°C)

Storage Temperature:
-22°F to 122°F (-30°C to 50°C)

Relative Humidity:
90-95% non-condensing at 86°F (30°C)

Color: White

Warranty: 5 years

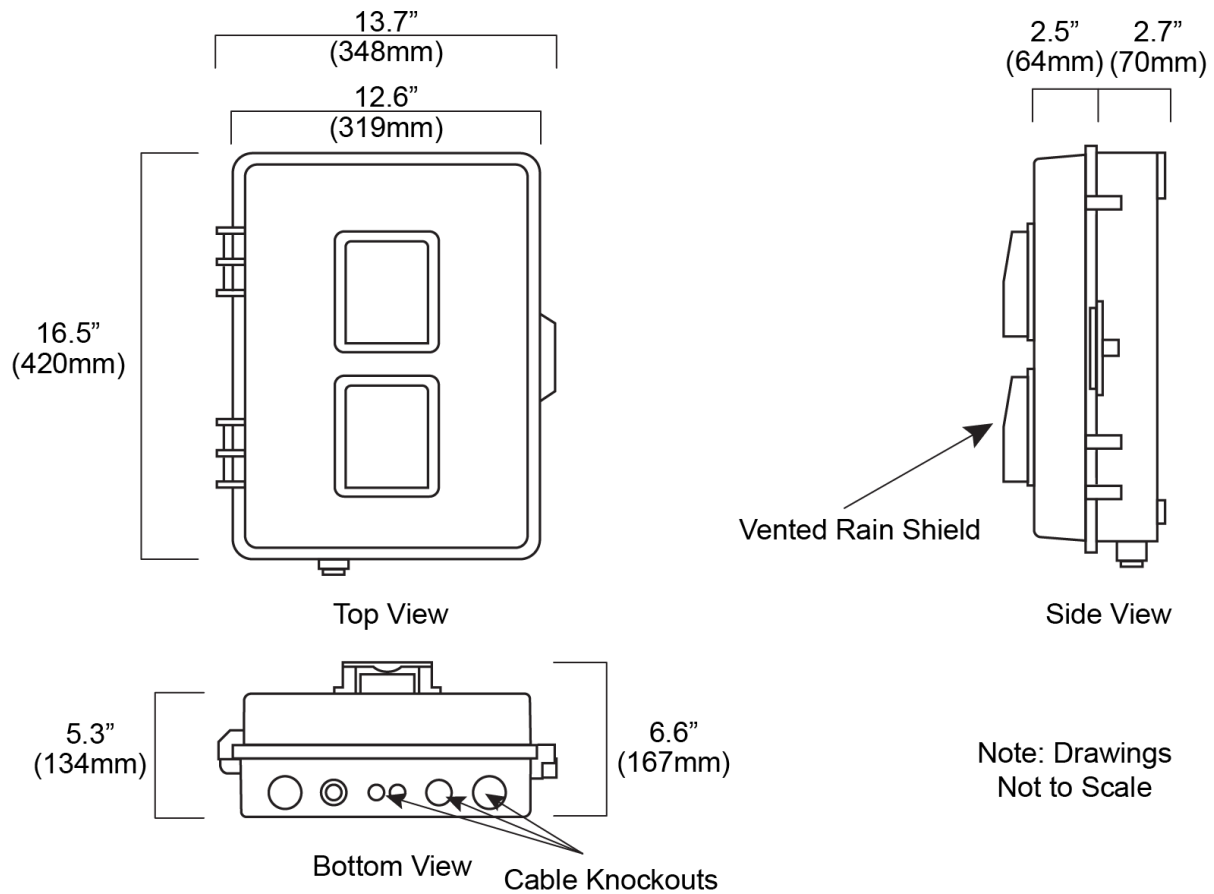
Note:

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

Project

Location/Type

Physical Dimensions



Wiring Table

Wire	Designation	Notes
Black	Line Input (120-277VAC for -200 models) (480VAC for -400 models)	Line Voltage Power Input
White	Neutral Input	Line Voltage Neutral Power Input
Green	Ground	Ground Power Connection

Model Number Matrix

PSC	---	---	BLE	CB
PSC	EGW Ethernet Outdoor Gateway	200 120-277VAC Input	BLE Wireless	CB Casambi Mesh Compatible
	CGW Cellular Outdoor Gateway	400 480VAC Input		

Example:

PSC-CGW-200-BLE-CB

Design and specifications are subject to change without notice..