

TruBlu Mesh Outdoor Long-range Gateway

Overview

- Bluetooth® NLC Certified
- 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



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

TruBlu™ Mesh: The Long-range Gateway is a Bluetooth NLC certified device by the Bluetooth SIG and offers true multi-vendor interoperability. Configuration of the device and mesh network is accomplished via the TruBlu web portal or iOS mobile app. The app is used for initial setup and subsequent parameter adjustment.

The Gateway enables advanced functionality such as energy monitoring and demand response.

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 TruBlu™ 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

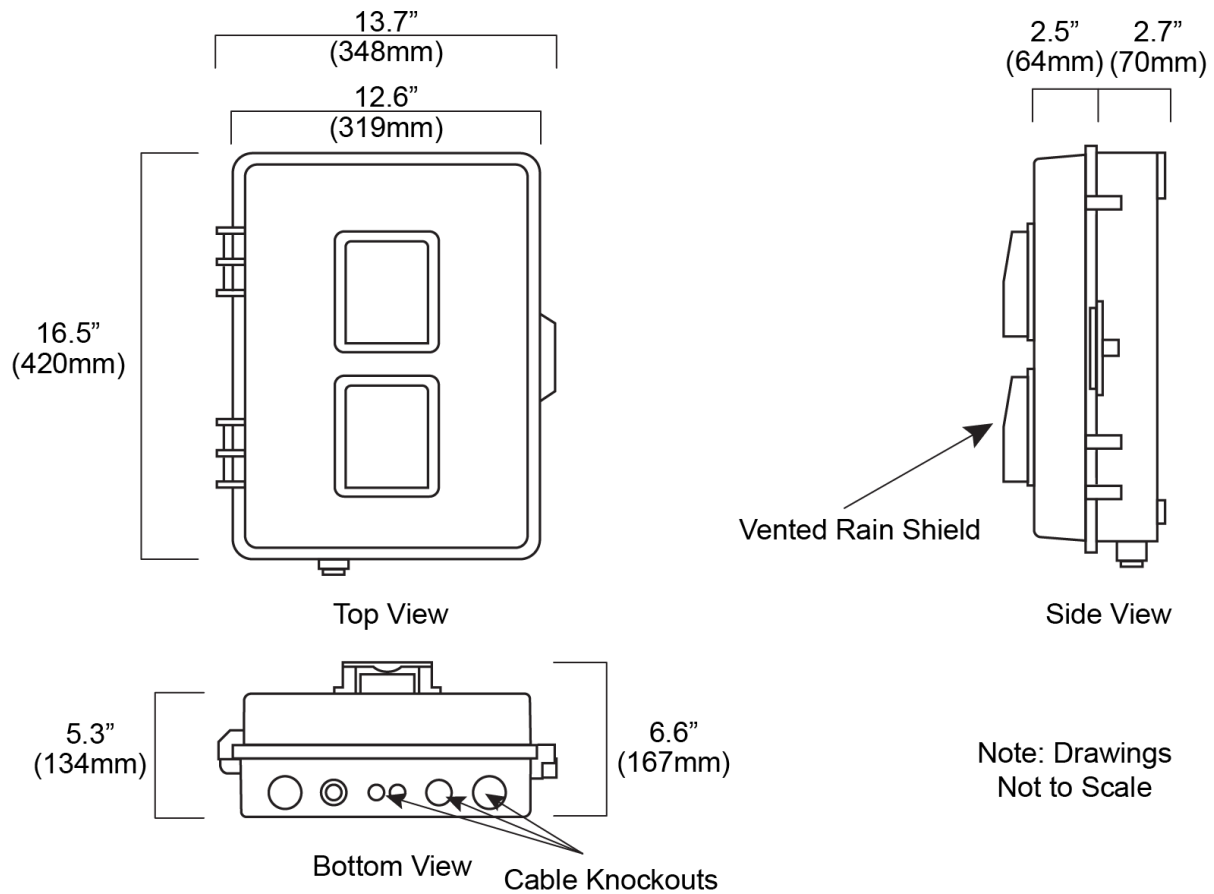
Note:

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

Example:

PSC-CGW-200-BLE-SR

Design and specifications are subject to change without notice..