



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 Bluetooth® SIG Mesh Systems

Applications

The BlueMesh 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 customer service for more information regarding cellular access and billing.

This device includes offers two different input voltage options, 120 to 277VAC (-200 models) or 480VAC

Operation

BlueMesh Controls: Qualified by Bluetooth SIG for its Bluetooth Mesh 1.0.1 specification, the gateway connects to a Bluetooth mesh network and is accessed via the web portal or mobile app for initial design, setup and scheduling, as well as subsequent parameter adjustments.

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 BlueMesh™ Commissioning User Manual for more information.

SPECIFICATIONS

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.

Model Number

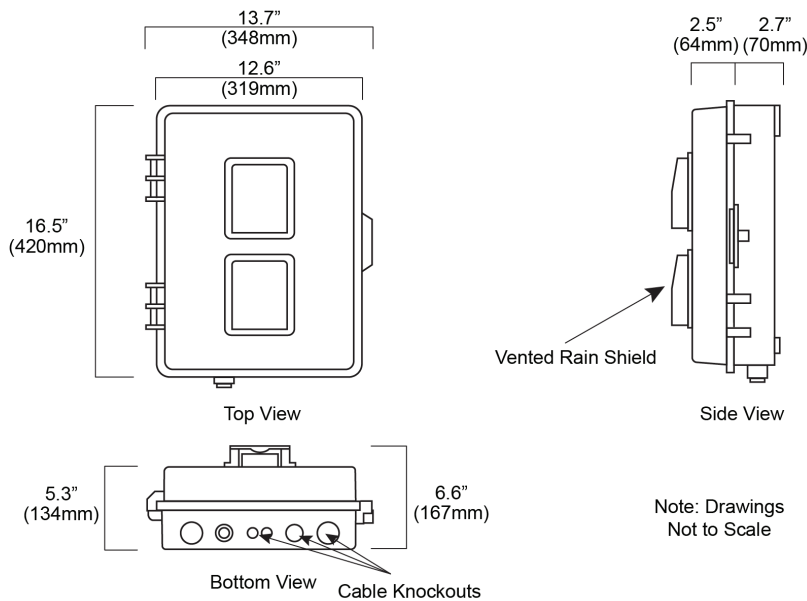
Example: BMEGW-M-1-BLE-SR

BlueMesh	Type	M	Voltage	Wireless	BlueMesh Compatible
BM	EGW- Ethernet Outdoor Gateway	M	1-120-277VAC 3-480VAC	BLE	SR
	CGW- Cellular Outdoor Gateway				

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

Physical Dimensions



WARRANTY

Five year limited warranty.

Specifications subject to change without notice.