



Wattstopper
DLM WIRELESS 6LoWPAN BRIDGE w/BLE
Part No. LMBC-650



The LMBC-650 Wireless Network Bridge provides room to room network connectivity for rooms with Wattstopper Digital Lighting Management (DLM) devices. The wireless DLM platform simplifies room to room communication and installation, and eliminates potential start-up delays caused by wiring issues.

Features & Benefits

Connects any DLM wired devices to a wireless IPv6 Mesh self-forming network

Two RJ-45 ports for DLM Cat 5e communication and class 2 power

Tri-color LED indicator displays wireless network health, DLM Cat 5e communication, and ability to identify during commissioning

In conjunction with an LMBR-650, supports third party integration with BAS through BACnet/IP over IPv6 Wireless Mesh network

Dual IPv6 Wireless and Bluetooth® low energy antennas provide robust signal strength and reliable communication

Includes trusted hardware chips for device validation and out-of-box wireless AES 128-bit encryption

Plenum rated with mounting hardware for fast installation

Specifications

General Info

Product Line	Wattstopper	Color	White
Finish	Gloss	UPC Number	754182943180
Country Of Origin	China	Material	ABS
Product Series	LMBC	Features	Wireless
Installation Location	Ceiling	Application Sector	Commercial
Standard	UL 2043, RoHS, FCC part 15	Warranty Type	5-Year
Type	Bridge		

Dimensions

Product Width US	3.2 in	Product Weight US	0.2 lb
Product Volume US	15.0 cu in	Product Depth US	1.8 in
Product Height US	2.6 in		

Additional Information

RoHS Compliant	Yes	DesignLights Consortium Qualified System	Yes
Security	Yes		

Technical Information

Operating Temperature Min	32 °F	Compatibility	DLM Wireless (IPv6)
Number of Connections	2	Security Method	Data Encryption
Protocol	BACnet	Frequency Band	2.4 GHz
Operating Temperature Max	158 °F	Wireless Range	Bluetooth, up to 30 ft, IPv6 6LoWPAN, up to 100 ft
Data Transfer Rate	156 Kbps	Topology	Wireless Mesh
Indicator	Network Status LED, Wireless Status LED	Antenna	Integrated, Internal
Connector Type	RJ-45	Input Voltage	24 VDC
Indoor/Outdoor	Indoor	Mounting Type	Surface
Current Draw	20 mA	Operating Temperature	32° -158°F
Operating Humidity	5-95% RH (Non-Condensing)	Antenna Pattern	Omni-directional
Encryption	AES 128-bit	Storage Temperature	23° - 176° F

