MeshSmart by **airbeam**

Load (Switched L1) (Red Wire)
Pin4 (optional) Sensor Input (Brown Wire)
Pin3 (optional) Sensor Input (Orange Wire)
For Single Phase-Neutral For 2 Phase-L1(Line) (White Wire)
L2 (Line) (Black Wire)
Dimming - (Grey Wire)
Dimming + (Violet Wire)
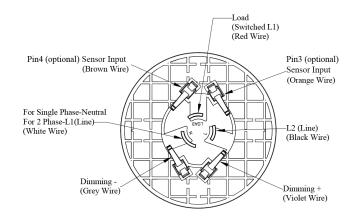
MeshSmart Plug & Play Wireless Lighting Controller

The MeshSmart's MS-CN-160 is an intelligent wireless network connected lighting controller with dimming, ON/OFF switching, utility grade energy metering, remote monitoring/management, sensor input capabilities and more. MS-CN-160 has exceptional fault tolerance and control persistency with constant status and health monitoring of your lighting fixtures. Easy installation on ANSI 136.41 5/7-pin dimming receptacle (NEMA receptacle).

Features

- Photocell in every controller (optional)
- Remote control, scheduling, and sensor configuration
- In-node scheduling: custom schedules are programed to the node, with RTC built in each controller, schedules runs with or without wireless connectivity
- Revenue grade energy metering
- Sensor input for motion or light sensing
- Linear continuous dimming - high resolution dimming (100+ steps)
- Reliable and encrypted communication
- Support over-the-air (OTA) updates to support future enhancements
- Flexible event based scheduling system
- Lighting fixture fault monitoring and reporting
- Self-forming and self-restoring wireless mesh network
- Integrates with MeshSmart LiteView and CityConnect

Specifications

Voltage	120-277VAC or 347-480VAC (+/- 10%)
Max Load Current	10A @ 120-277VAC, 5A @ 347-480VAC
Radio Frequency	2.4GHz - Excellent immunity to other 2.4 GHz devices for reliable co-existence
Dimming Output	1-10V, 20mA
Operating Temperature	-40 to +50°C
Surge	4KV
Power Monitoring	Utility Grade - 2% Accuracy
Optional Sensor Input	1 digital and 1 analog input that can be used for motion-based, day-light or advanced lighting controls
Certifications	FCC, DLC, cULus(pending)
Warranty	5 Years

Order Code

Sample Order Code - MS-CN-160-ZB-277-7-GRY

Series	Wireless Type	Input Voltage	Model	Color	Extra
MS-CN-160	ZB (ZigBee)	277(120-277V) | 480(347-480V)	5P: 5 Pins | 7P: 7 Pins	GRY	L (built-in photocell)