

MeshSmart Gateway

Description

MeshSmart Gateway communicates with nodes via wireless mesh network that provides radio coverage typically over 2-5 miles. The gateway can connect to up to 500 nodes. The Gateway Management App is very easy to implement; it takes less than 10 minutes to set up and initialize with the lighting control network. The system also manages the scheduling, grouping and sensor logic with a user friendly interface. Because it can function as a stand alone system, no server or internet is required.

Features

- Each MeshSmart wireless gateway can manage a mesh network of 500+ nodes
- Mesh connected control nodes form wireless network covers lights in expansive and diverse geographic environments. There can be 500m line-of-sight range between each node
- Real-time updates on status of each light fixture, data includes energy usage, light status, sensor analysis and more
- The system is very easy to use as it schedules single, group or total network
- Reliable and encrypted communications
- The system could also set schedules to enable or disable sensors
- Single sensor could be configured to control single, multiple or all nodes

Specification

- Input Voltage: 5V
- Max Load Current: 1A
- Radio Frequency: 2.4GHz - Excellent immunity to other 2.4 GHz devices for reliable co-existence
- Network Communication: IEEE 802.15.4
- Operating Temperature: between -40 to +50C
- Security: AES Encryption and ZigBEE based authentication
- I/O: ethernet and USB
- Warranty: 5 years

