

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 an 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