

CoreSync PoE Gateway



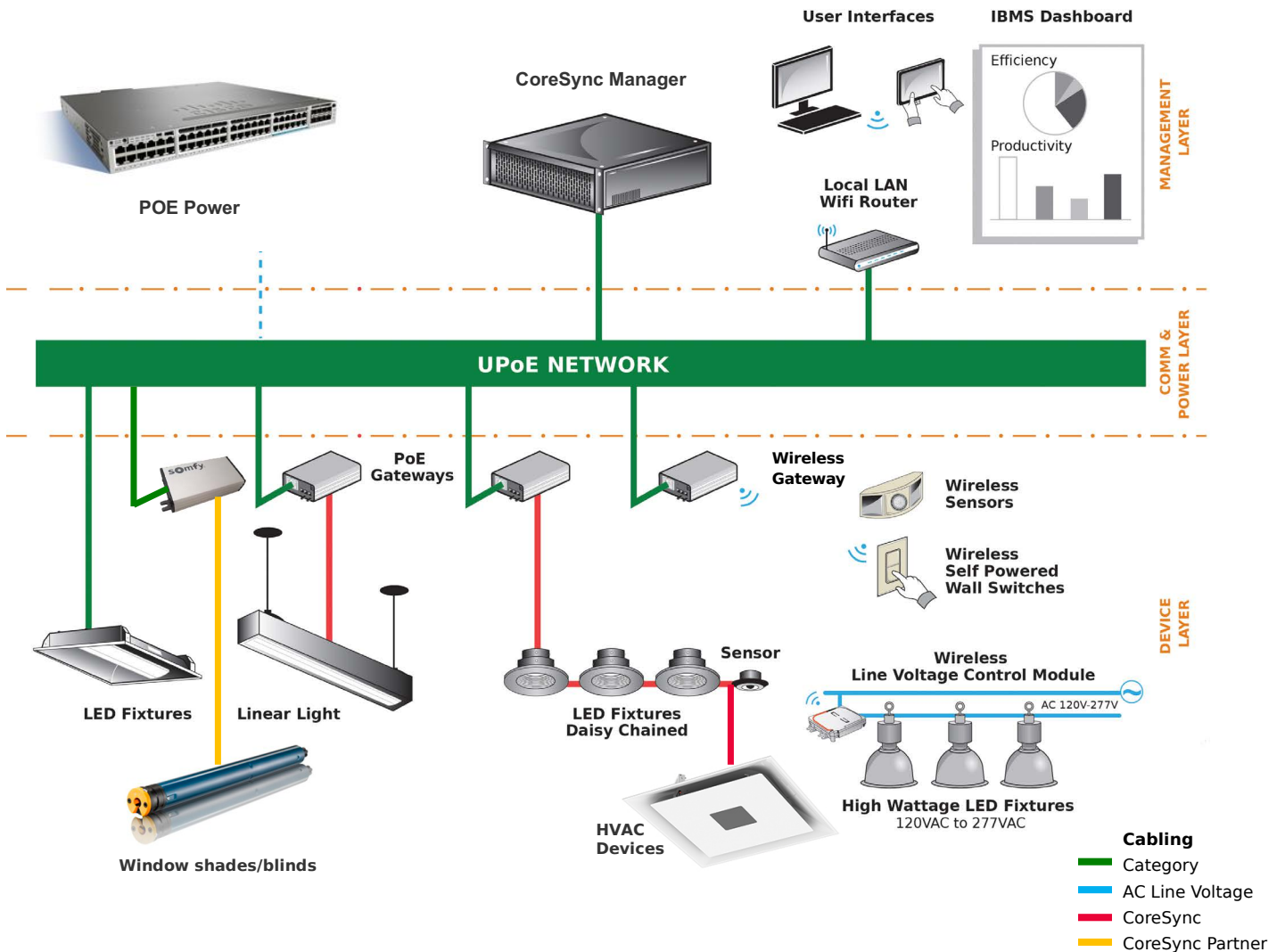
The CoreSync PoE Gateway is a low voltage power distribution and network connected module that utilizes PoE (Power Over Ethernet) technology.



Features and Advantages

| | |
|--|--|
| Cisco UPOE Compliant Device | Optimized to deliver low voltage power and reliable communication with lights, sensors and other devices |
| Input power up to 60W | Capable of powering a single LED fixture or multiple lower-wattage fixtures |
| CoAP Network Communication | Easy and secure convergence of IP infrastructure |
| Rugged and robust interfaces: Category5/6, Molex Micro-Fit | Familiar and easy to connect and disconnect; allow daisy-chain capability |
| Fully integrated to Molex CoreSync Lighting Control System | Distribute power and data to lights, sensors and other CoreSync devices locally |
| UL2108 | Safe operation and industry-standard compliance |

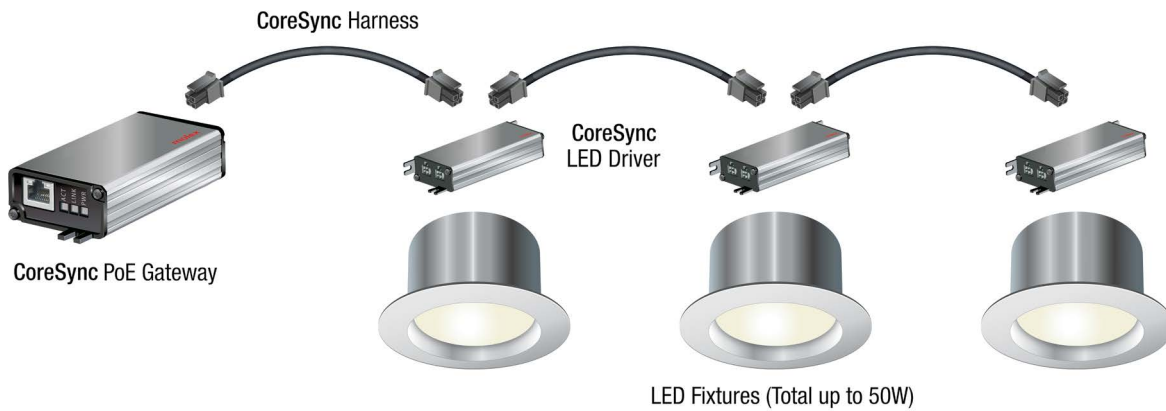
PoE Gateway on the CoreSync Architecture







CoreSync PoE Gateway



Daisy Chain Arrangement



Gateway Family and Applications

| <i>Voltage Output Unregulated</i> | <i>Voltage Output Unregulated - Plastic Body</i> | <i>Constant Current Output</i> | <i>Data Wireless Gateway (enOcean®)</i> |
|--|---|---|--|
|  |  |  |  |
| <i>Connect</i> | | | |
| LED Drivers, Actuators, Sensors Nodes, Low Voltage Loads | LED Drivers, Actuators, Sensors Nodes, Low Voltage Loads | LED Engines, Sensors | Self-Powered Wall Switches, Sensors, Dimmers, Relays |
| <i>Best Application</i> | | | |
| LED Fixtures With DC/DC Driver. Dispensers, Motorized Shades, Daisy Chain | Directly Mounted Inside Direct/Indirect LED Fixtures, Task Lights, Linear Fixtures, LED Modules | LED Fixtures Without Cc Regulation | Self-Powered Local Controls, Wireless Sensors, Relays, AC/DC Fixtures |
| <i>Enclosure</i> | | | |
| Aluminum Anodized Silver With Black End Caps | Black Molded Plastic | Aluminum Anodized Silver With Black End Caps | Powder Coat White With Grey End Caps |

Specifications

ELECTRIC

Nominal Power Input 60W
 UPOE IEEE802.3bt (compatible with POE/POE+)
 Standby Power Consumption 0.5W
 Nominal Power Output 50W
 Light Interface: CV or CC depending on model
 Class-II electrical device
 UL2108

ENVIRONMENTAL

Ambient Temp Range: 0 to 40°C (32 to 104°F)
 Max. Operating Temp: 40°C (104°F)
 Relative Humidity: 10-80% Non-Condensing
 Environmental Rating: Indoor

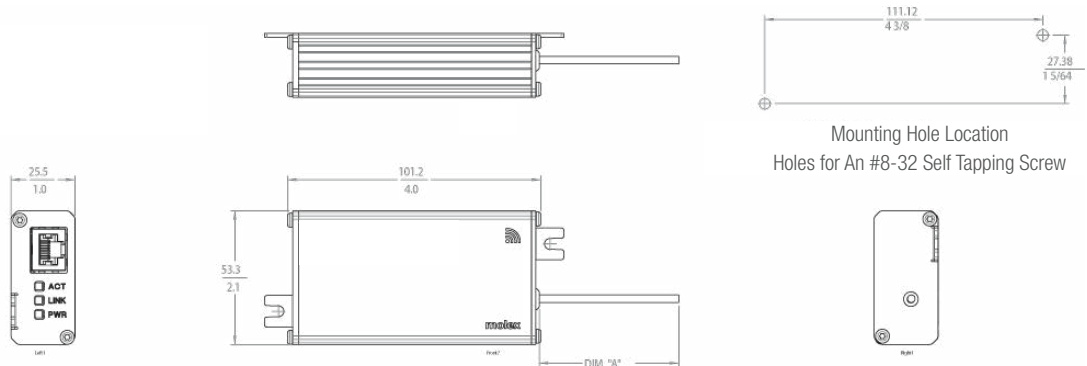
CONNECTION INTERFACES

Catalyst Switch End: RJ45
 Device End: Micro-Fit connector 10-pin
 Sensor Interface: CoreSync Bus
 Actuator Interface: CoreSync Bus

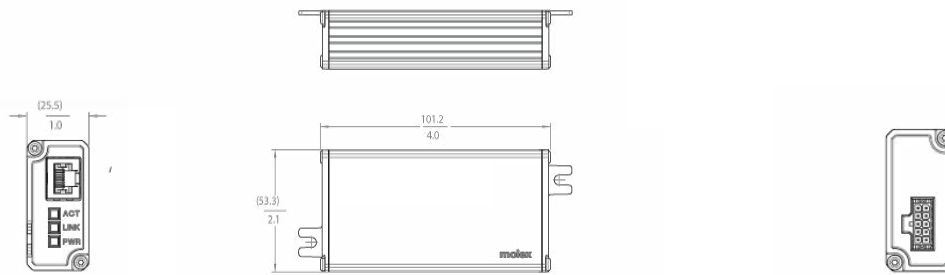
MECHANICAL

Housing Material: Extruded Aluminum
 Length: 119.65 mm
 Width: 53.33 mm
 Depth: 25.51 mm
 Weight: 100g

Dimensions



Wireless Gateway (North American/EU)



Standalone Unregulated Gateway

Ordering Information

| Order No. | Description |
|-------------|--|
| 180993-0001 | Gateway Voltage Output Unregulated, Input RJ45 UPOE 802.3xx, Output 25/50W, 42-56V Unregulated, Aux Output 5V, CoreSync 10-Pin Micro-fit Connector, 0-10V Dimming interface, UL CE |
| 180993-3001 | Wireless Gateway, Input RJ45 UPOE 802.3xx, Wireless Dimming interface, Wireless sensor interface, UL North America |
| 180993-3002 | Wireless Gateway, Input RJ45 UPOE 802.3xx, Wireless Dimming interface, Wireless sensor interface, CE |

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