# **CoreSync PoE Gateway**



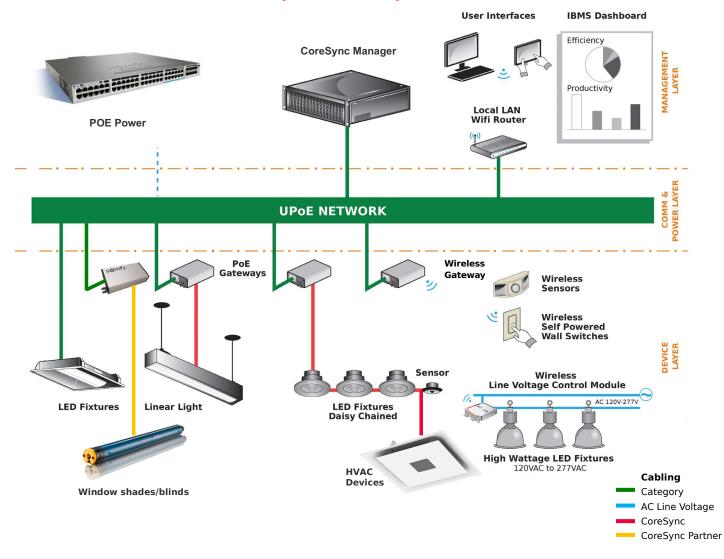
The CoreSync PoE Gateway is a low voltage power distribution and network connected module that utilizes PoE (Power Over Ethernet) technology.



### **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

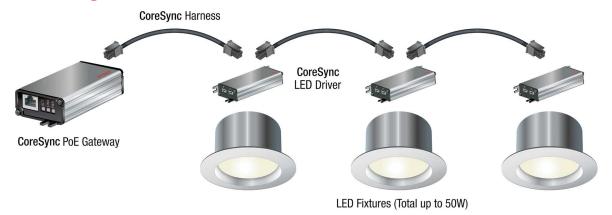
### **PoE Gateway on the CoreSync Architecture**



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## **Daisy Chain Arrangement**



## **Gateway Family and Applications**

Voltage Output Unregulated	Voltage Output Unregulated - Plastic Body	Constant Current Output	Data Wireless Gateway (enOcean®)	
			<u> </u>	
Connect				
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	
Best Application				
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	
Enclosure				
Aluminum Anodized Silver With Black End Caps	Black Molded Plastic	Aluminum Anodized Silver With Black End Caps	Powder Coat White With Grey End Caps	

# **CoreSync PoE Gateway**



### **Specifications**

Class-II electrical device

#### **ELECTRIC**

UL2108

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

## **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

#### **MECHANICAL**

Housing Material: Extruded Aluminum

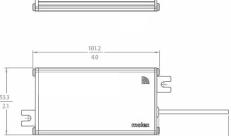
Length: 119.65 mm Width: 53.33 mm Depth: 25.51 mm Weight: 100g

#### **CONNECTION INTERFACES**

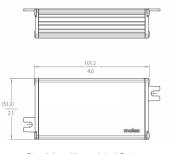
Catalyst Switch End: RJ45 Device End: Micro-Fit connector 10-pin Sensor Interface: CoreSync Bus Actuator Interface: CoreSync Bus

#### **Dimensions**









Standalone Unregulated Gateway



Mounting Hole Location Holes for An #8-32 Self Tapping Screw





# **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

www.CoreSync.molex.com