

# CoreSync MechoShades Gateway >

The CoreSync MechoShades Gateway allows the CoreSync system to communicate with MechoShades hubs that exist on the same IP network using a protocol translator from CoAP to MechoShades NUSPICE.

MechoShades motor hubs can be installed as usual and by capturing the motor hubs ID, these hubs can be commissioned into the CoreSync platform for full control via the CoreSync dashboard.



## FEATURES & ADVANTAGES

IEEE 802.3at and Cisco UPOE compliant device	Uses low voltage PoE infrastructure for power and communication with lights, sensors, and other devices
MechoShades NUSPICE Translator	Communicates with MechoShades hubs for shade applications
CoAP network communication	Easy and secure convergence of IP infrastructure
UL 2108 listed	Safe operation and industry standard compliance

## SPECIFICATIONS

### Electrical

<b>Electrical Maximum Power Input:</b>	60W at 42-57VDC
<b>Typical Power Consumption:</b>	2.0W (6.82 BTU/hr)

### Commercial Standards

PoE, PoE+, UPOE  
Class 2 Electrical Device  
UL 2108 Listed  
CSA22.2 No. 250  
FCC Part 15 Subpart B  
Plenum Rated

### Product Safety

**Internal Over-Temperature Protection**  
**DO NOT hot swap**

### Mechanical

<b>Housing Material:</b>	Extruded Aluminum
<b>Length:</b>	117.7 mm (4.63 in)
<b>Width:</b>	53.33 mm (2.10 in)
<b>Height:</b>	25.51 mm (1.00 in)
<b>Weight:</b>	119 g (4.19 oz)

### Environmental

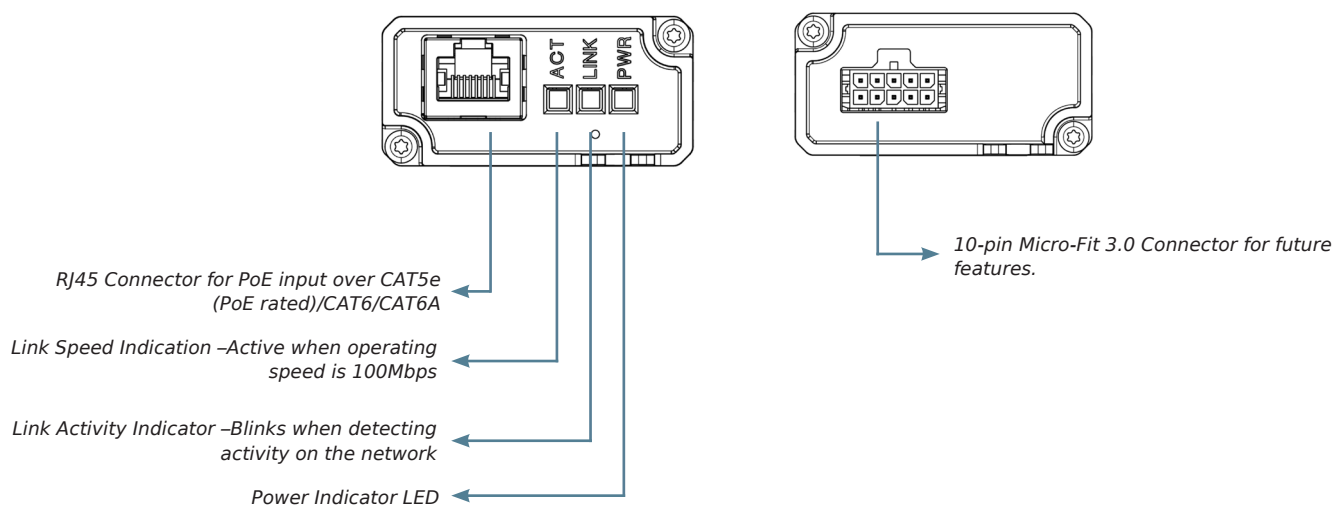
<b>Ambient Temp Range:</b>	0 to 40°C (32 to 104°F)
<b>Storage Temperature:</b>	-40 to 85°C (-40 to 185°F)
<b>Max. case temperature:</b>	90°C Relative
<b>Humidity:</b>	10-80% Non-Condensing
<b>Environmental Rating:</b>	Indoor

[www.molex.com/products/coresync](http://www.molex.com/products/coresync)

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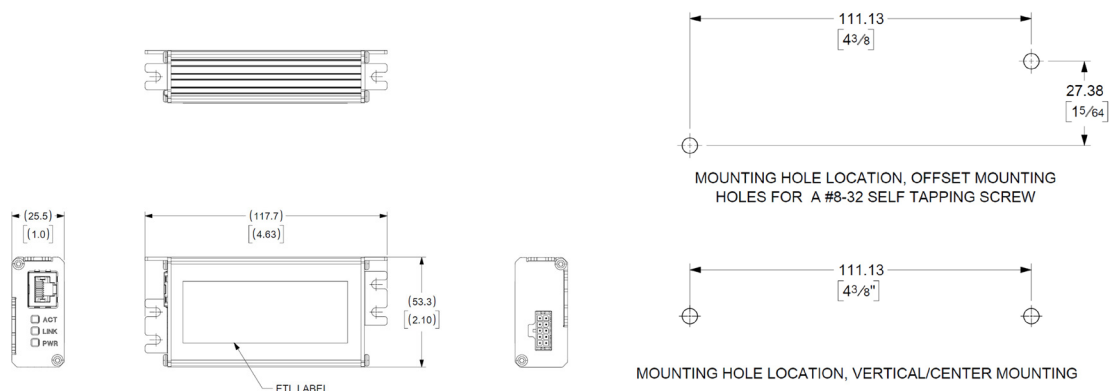
## CONNECTION INTERFACES

Connection	Connection Specification
PoE Input	RJ45, Cat 5e (PoE rated) or better see <a href="https://www.molex.com/products/copper">molex.com/products/copper</a>
CoreSync Input	10-Pin Micro-Fit 3.0 Connector for CoreSync Harnesses see <a href="https://www.molex.com/products/coresync/coresync-harnesses/">molex.com/products/coresync/coresync-harnesses/</a>



## DIMENSIONS

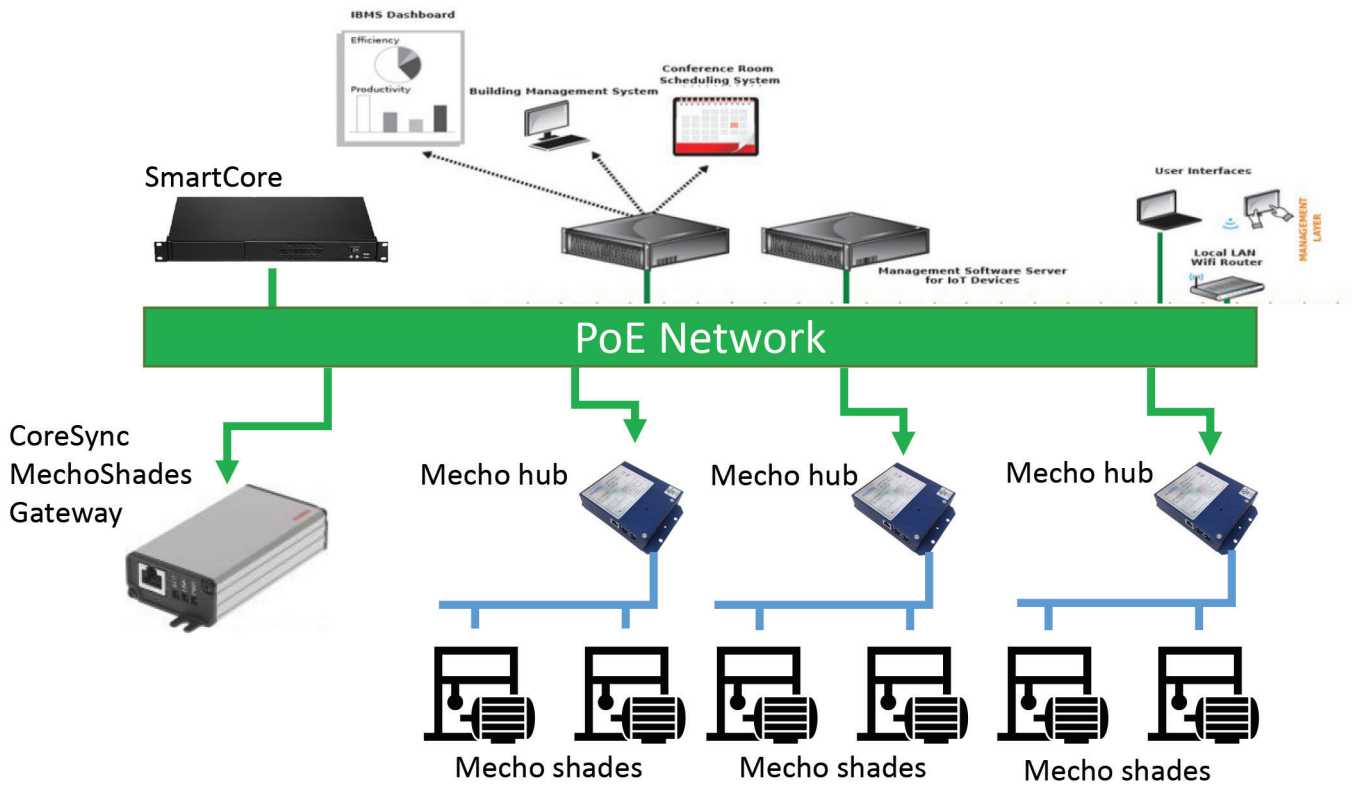
### Metal



## ORDERING INFORMATION

Order No.	Description
1809931001	CoreSync MechoShades Gateway

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