CoreSync Wireless PoE Gateway

The CoreSync Wireless PoE Gateway enables remote network control of lights, sensors, local dimmers and zone controllers.

The CoreSync PoE Gateway enables the integration of EnOcean based devices to be integrated for monitoring and control in the CoreSync system. The Gateway is powered and IP connected via CAT5e or CAT6 UTP cable to the Network Equipment and the CoreSync Manager. The gateway can connect and control up to 20 devices. EnOcean standard based wireless communication is robust and reliable. The gateway has a typical range of 50’ (max. 80’) and can cover an area of 1000 square feet.

Features and Benefits

<table>
<thead>
<tr>
<th>Features and Benefits</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>PoE-powered and controlled, using standard Category cables</td>
<td>Eliminates need for a local power supply and/or AC line connection</td>
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<tr>
<td>Individual Gateway effective range: 50’ (15m) range</td>
<td>Each Gateway enables extensive CoreSync system coverage</td>
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<tr>
<td>Non-discoverable 2-way communication, using rolling code and 128 AES encryption</td>
<td>Highly reliable and secure communications for control/status of multiple</td>
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<td>axual wireless devices; no interference with other wireless networks</td>
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<tr>
<td>Compatible with CoreSync self-powered wireless zone modules, dimmers,</td>
<td>Flexible remote and local control; real-time status reporting in buildings,</td>
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<tr>
<td>sensors, wall switches, etc.</td>
<td>zones or individual fixtures; ability to control AC loads</td>
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<tr>
<td>CoAP based IP communication with CoreSync Manager</td>
<td>Helps create unique scenes and biorhythmic lighting sequences</td>
</tr>
<tr>
<td>Compact size and mounting dimensions</td>
<td>Enables ease of mounting</td>
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<tr>
<td>UL60950-1, CE, FCC</td>
<td>Safe operation and industry-standard compliance</td>
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<tr>
<td>Lighting grade white paint coating</td>
<td>Attractive, durable finish and look</td>
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</tbody>
</table>

Power over Ethernet (PoE) Ready

The CoreSync Wireless PoE Gateway is ready for fast, easy connectivity thanks to the RJ45 interface, compatible with standard CAT5e or CAT6 UTP cables.
Wireless PoE Gateway

Compatibility / Capabilities

- Wireless PoE Gateway
  - 180993-3001 (NA)
  - 180993-3002 (EUR)

- High Wattage/Line Voltage
- Wireless Zone Control Module Series 180997
- Wireless Ambient Light Sensor Series 180997
- Wireless Occupancy Sensors Series 180997
- Wireless Wall Switches Series 180997

PoE Gateway in the CoreSync Control Architecture

- CoreSync PoE Gateways
- CoreSync Sensor
- LED Fixtures
- Linear Light
- LED Fixtures Daisy Chained
- Wireless Sensors
- Wireless Self Powered Wall Switches
- CoreSync Wireless Line Voltage Control Module
- AC 120V-277V
- High Wattage LED Fixtures 120VAC to 277VAC
- Remote Interface / Tech Support
- User Interfaces
- Smart Building Dashboard
- Efficiency
- Productivity
- LOCAL LAN WIRE ROUTER
- UPOE NETWORK
- CORESYNC HARNESS
- CAT 6
- AC LINE VOLTAGE
Specifications

**ELECTRICAL**
PoE, PoE+, UPOE, IEEE 802.3bt
Standby Power Consumption 0.5W
Nominal Power Consumption 2.0W
Class II Electrical Device: UL60950-1

**ENVIRONMENTAL**
Operating Temperature: 0° to 40°C
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
Weight: 113g

Dimensions

<table>
<thead>
<tr>
<th>Part Number</th>
<th>DIM “A”</th>
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<tbody>
<tr>
<td>180993-3001</td>
<td>50.8mm / 2.0”</td>
</tr>
<tr>
<td>180993-3002</td>
<td>69.8mm / 2.75”</td>
</tr>
</tbody>
</table>

Ordering Information

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>180993-3001</td>
<td>CoreSync Wireless PoE Gateway, 902MHz, N. America</td>
</tr>
<tr>
<td>180993-3002</td>
<td>CoreSync Wireless PoE Gateway, 868MHz, Europe</td>
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