

# ▶ Zone Gateway

## CON-ENOC

### Description

The CON-ENOC EnOcean® wireless zone gateway uses customized controller firmware to bring EnOcean wireless data into the BACnet system. EnOcean wireless data is recognized as either inputs or variables for maximum system flexibility. The EnOcean wireless zone gateway solution consists of an RS-485 gateway and a Delta Controls controller.



### Application

The CON-ENOC EnOcean wireless zone gateway is ideal for zone-level wireless installations.

The zone gateway can be added to most Delta Controls controllers and can provide multiple types of sensor data to a zone as well as control a single output device within the zone.

The primary function of this solution is for zone-level control, including sensors (temperature, setpoint, motion, contacts, etc.) and outputs (valves, perimeter heat, lighting, etc.).

### Features

- ▶ Supports up to 32 EnOcean devices.
- ▶ Adds EnOcean wireless support to the eBCON, DAC, and DSC product lines.
- ▶ Allows EnOcean device configurations to be saved and loaded into other controllers. A configuration can be saved for each type of EnOcean device.
- ▶ Shows relevant device information in the Delta gateway to ensure that the correct EnOcean device is joining the network.

### Specifications

#### Antenna

- 3.4 in. (8.6 cm) wire whip (868 MHz)
- 2.5 in. (6.4 cm) wire whip (902 MHz)

#### Enclosure

2-piece snap-fit housing with quick-peel adhesive mounting pads

#### Connectors

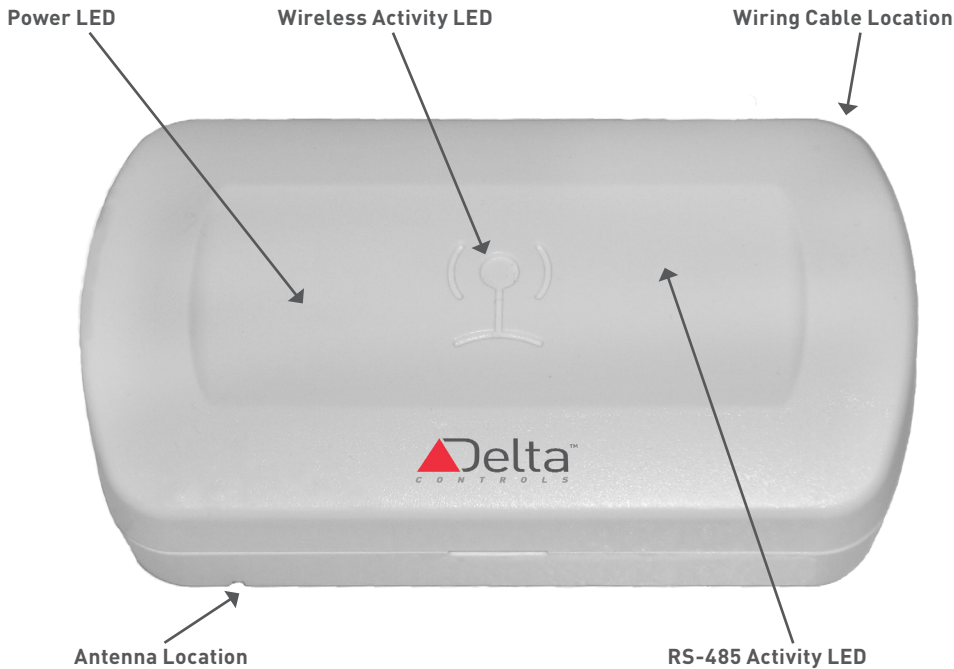
24 in. (61 cm) wire whip with stripped and pre-tinned ends

#### Wiring Class

Class 2 / SELV

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## CON-ENOC: Board Layout Diagram



### Specifications (Continued)

**Power**  
24 VAC/DC +/- 10% @ 2 VA

**Technology**  
EnOcean radio  
TCM300 (868 MHz and 902 MHz)  
LED indication of power, controller communication and wireless radio activity

**Communications Ports**  
RS-485  
EnOcean ESP3 (EnOcean Serial Protocol) @ 38,400 bps (max of one CON-ENOC per controller)

**Ambient**  
0°C to 55°C (32°F to 131°F)  
10% to 90% RH (non-condensing)

**Dimensions**  
105 × 57 × 28 mm (4.1 × 2.2 × 1.1 in.) with housing

**Weight**  
84 g (0.23 lb) with housing

**Compliance**  
CE  
FCC  
SZV-STM300C  
SZV-STM300U  
IC  
5713A-STM300C  
5713A-STM300U

**Listings**  
C-UL Listed  
UL 916 Listed

EnOcean is a registered trademark of the EnOcean Alliance Inc.

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Subject to change without notice.

### Ordering

Order the EnOcean wireless zone gateway according to the following product numbers:

<b>CON-ENOC-868</b>	Delta Controls EnOcean Zone Gateway, supporting 32 devices, 868 MHz, Europe
<b>CON-ENOC-902</b>	Delta Controls EnOcean Zone Gateway, supporting 32 devices, 902 MHz, N. America

### Accessories

Accessories are available on Online Orders. Delta Controls represents the following manufacturers of EnOcean wireless products:

- Echoflex
- Thermokon

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## EnOcean Product Selection Guide

Location	868 MHz	902 MHz	Location	868 MHz	902 MHz	Location	868 MHz	902 MHz
Albania	Y	N	Guadeloupe	Y	N	Puerto Rico	N	Y
Anguilla	Y	N	Guam	N	N	Réunion	Y	N
Argentina	N	N	Hong Kong	N	N	Romania	Y	N
Aruba	Y	N	Hungary	Y	N	Russia	Y	N
Australia	N	N	India	N	N	Saint Martin	Y	N
Austria	Y	N	Ireland	Y	N	Saudi Arabia	Y	N
Bahrain	Y	N	Israel	N	N	Serbia	Y	N
Bangladesh	Y	N	Italy	Y	N	Singapore	Y	N
Belgium	Y	N	Japan	N	N	Slovak Republic	Y	N
Bermuda	Y	N	Jordan	Y	N	Slovenia	Y	N
Bosnia-Herzegovina	Y	N	Kuwait	Y	N	South Africa	Y	N
Brazil	Y	Y	Kyrgyzstan	Y	N	South Korea	N	N
Brunei	N	N	Latvia	Y	N	Spain	Y	N
Bulgaria	Y	N	Lebanon	Y	N	Swaziland	Y	N
Burkina Faso	Y	N	Lithuania	Y	N	Sweden	Y	N
Canada	N	Y	Luxembourg	Y	N	Switzerland	Y	N
Caymen Islands	Y	N	Malawi	Y	N	Tajikistan	Y	N
China	Y	N	Malaysia	Y	N	Taiwan	N	N
Columbia	Y	Y	Malta	Y	N	Thailand	N	N
Croatia	Y	N	Martinique	Y	N	Togo	Y	N
Cyprus	Y	N	Mauritius	Y	N	Tonga	Y	N
Czech Republic	Y	N	Mayotte	Y	N	Turkey	Y	N
Denmark	Y	N	Mexico	Y	N	Turks and Caicos Islands	Y	N
Djibouti	Y	N	Monaco	Y	N	UAE	N	N
Egypt	N	N	Netherlands	Y	N	Uganda	Y	N
El Salvador	Y	N	Netherlands Antilles	Y	N	Ukraine	Y	N
Estonia	Y	N	New Caledonia	Y	N	United Kingdom	Y	N
Finland	Y	N	New Zealand	Y	N	USA	N	Y
France	Y	N	Oman	Y	N	Vietnam	Y	N
French Guiana	Y	N	Panama	N	Y	Virgin Islands	N	Y
French Polynesia	Y	N	Papua New Guinea	Y	N	Wallis and Futana	Y	N
Georgia	Y	N	Poland	Y	N	Zambia	Y	N
Germany	Y	N	Portugal	Y	N	Zimbabwe	Y	N
Greece	Y	N						