

# Pressac EnOcean Gateway Ethernet

Part No: PEG\_868\_E

The Pressac EnOcean Gateway 2 Ethernet is a highly effective industrial IoT gateway designed and uniquely optimised for EnOcean and IP communication. The Pressac EnOcean Gateway will publish received sensor data to any user defined MQTT broker or IoT cloud platform such as IBM Watson IoT and Microsoft Azure IoT Hub.



## Features and Benefits:

- Efficient reliable operation
- Fanless compact design
- Din Rail Mountable
- External Antenna

## Comms:

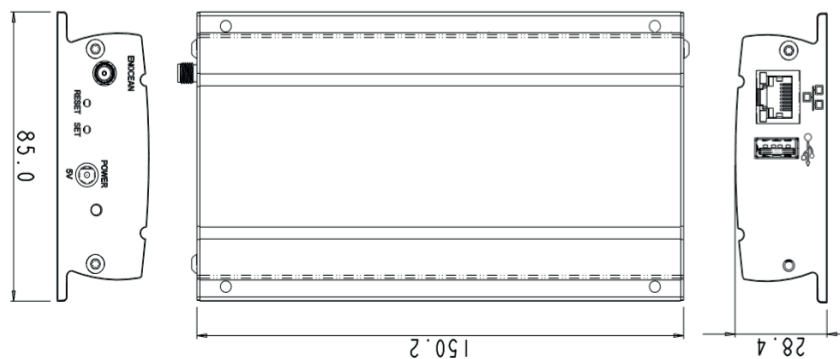
- 10/100 Ethernet
- 1 USB Port
- EnOcean Radio

## Connections:

- Up to 5 User Defined MQTT Brokers
- IBM Watson IoT
- Azure IoT Hub
- Amazon Web Services
- Google IoT Cloud (in development)

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### TECHNICAL SPECIFICATIONS

CPU	Broadcom BCM2837 quad-core A54 (ARMv8) 64-bit @ 1.4GHz
Memory	1GB RAM
Storage	8GB eMMC
Realtime Clock	Fitted
EnOcean Interface	TCM 515
EnOcean Antenna	½ wave dipole SMA connector
EnOcean Frequency	868 MHz
Transmit Power	3dBm maximum
Receive Sensitivity	-97 dBm
Network Interface	10/100 Ethernet Interface
USB Interface	USB 2.0
Power Supply	CB Approved Mains Adaptor
Voltage In	100-240v a.c. 50Hz 300mA
Voltage Out	5v d.c. 2000 mA



Pressac Sensing products incorporate EnOcean® wireless technology, and are fully compliant with EnOcean® protocols. The Pressac Sensing range can be integrated with EnOcean® products from over 300 global manufacturers.

EnOcean® is a widely established and global technology, and has been installed in over 250,000 buildings worldwide. The EnOcean® wireless standard is the first to be ratified as an international standard - ISO/IEC 14543-3-10: together with the EnOcean® Equipment Profiles (EEPs) drawn up by the EnOcean® Alliance, this international standard lays the foundation for fully interoperable, open wireless technology comparable to standards such as Bluetooth and WiFi. The standard can be downloaded from [www.iso.org](http://www.iso.org).