

4 in 1 Protocol PoE Gateway

- **Fast and easy PoE installation**
- **Connects to EnOcean, Bluetooth 5.1, Zigbee 3.0 and Thread devices**
- **High performance design for high speed message bandwidth**
- **Includes MQTT for direct to cloud data transfer**
- **Ideal for beacons, real-time location systems, asset tracking, IoT Sensors and smart home applications**



Product Overview

Features

The high performance PoE enabled IoT Gateway connects up to 4 RF control protocols and translates EnOcean Radio Communication (Energy Harvesting Wireless Technology), Bluetooth Low Energy (BLE), Zigbee and Thread data into standard IP Ethernet packets.

Powered by 802.3 PoE, the gateway remains true to DC-based smart digital buildings allowing a single gateway to be deployed rapidly and connect to any standard IoT devices without a need for complex wiring requirements.

The IoT gateway can easily integrate into BMS or intelligent building solutions and connect to cloud services using standard protocols including MQTT.

A high performance gateway MCU embedded design enables multiple client connections and supports standard EnOcean and manufacturer specific profiles as well as BLE beacons, Thread and Zigbee mesh networks.

Applications include:

- Smart buildings
- Lighting and home automation
- Sensors networks
- Beacons and accessories
- Industrial automation

Specifications

Electrical

PoE standard: 802.3at (Class 3)
External Power: 24-48Vdc (optional)
Power Consumption: 3W

Interfaces

1 x Ethernet RJ45
2 x Removable Antenna

Mechanical

ABS, White colour
Dimensions: 110 x 80x 27mm (excludes Antennae)
Standard antennae: 110 x 10mm
High gain antennae : 190 x 12mm

Environmental

0 °C to 40 °C Indoor use only
20 % R.H. to 85 % R.H. Non-condensing

Part Number

Standard Antennae
IMGTE-PoE-4-1-STD

High Gain Antennae
IMGTE-PoE-4-1-HG