

ENOCEAN USB GATEWAY

The gateway USB EnOcean **O2LINE 10020040** EnOcean USB Gateway is designed to interact with the EnOcean radio telecommunication environment: sensors, actuators, or other gateways interacting with this communication standard.

Equipped with a type A USB connector, it can be connected to a PC, a DSL box and to every device with a compatible USB Host.

The 10020040 gateway is a bidirectional gateway (transmitter/receiver) between EnOcean environment and the USB port virtual serial interface, port managed by an external host. It allows different functionalities, like:

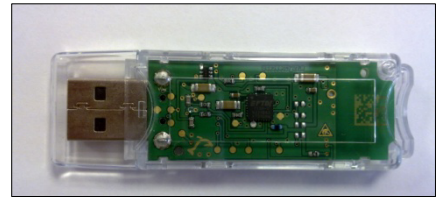
Reception of frames transmitted from one (or several) sensor(s)

- Transmission of messages to one (or several) actuators
- Remote management
- Programmable repeater
- Others...

This gateway is able to manage up to 90 EnOcean telegrams per second.

In order to use it in the best possible conditions, please follow these indications:

- NEVER install the product in a metal box or near big metallic objects.
- An installation near the floor or on the floor is not recommended.
- Avoid environments with severe vibrations and/or with mechanical shocks.
- Some PC, DSL boxes... can emit an electromagnetic noise disturbing the frequency range of the 10020040 gateway (868,3 MHz). In this case, install the device as far as possible using an armored USB cable between the device and the gateway.



CODE 10020040 ENOCEAN USB GATEWAY

SPECIFICATIONS

Main features

Transmission frequency	868.3 MHz
Transmission power	10 mW max.
Operating temperature	from 0°C up to 40°C
Relative air humidity	from 0% up to 80% HR (without condensation)
Weight	13 g
Dimensions	56 mm x 23 mm x 9 mm (without USB connector)
USB / connector's lifetime	USB 2.0-3.0 / 500 cycles
Conformity	CE & RoHS

Range in buildings

Masonry	20m, through 3 walls maximum
Reinforced concrete	10m, through 1 wall/ceiling maximum
Plasterboard / Wood	30m, through 5 walls maximum