

## USB Gateway

USB 300 / USB 300C / USB 300U  
and USB 400J

**It is a small USB stick which connects PC's and smart home servers to the world of EnOcean based radio products.**

Following frequency variants are available:

- USB 300: 868.3MHz ASK (Europe & others)
- USB 300C: 315.0MHz (US/CA & others)
- USB 300U: 902.875MHz (US/CA & others)
- USB 400J: 928.35MHz (Japan & others)

USB 300/400J is equipped with the TCM 310/410J transceiver gateway module.

The product receives and sends all EnOcean radio telegrams according to the specified EnOcean Equipment Profiles (EEP). Radio telegrams are converted to a serial interface (EnOcean Serial Protocol 3) and transferred via USB interface.

The product provides radio signal strength information and supports additional control commands e.g. to configure repeater functionality.

### Features:

- Receive messages from self-powered switches and sensors
- Send messages and control actuators
- Supports EnOcean security telegrams
- Remote configuration of self-powered sensors
- Visualization of radio telegrams with DolphinView Basic<sup>\*)</sup>
- Virtual COM Port driver (FTDI) for Microsoft Windows, Linux, Apple OS, Raspberry Pi and others.
- Supports all message formats of EnOcean Equipment Profile 2.6.x
- EnOcean Serial Protocol 3
- Smart acknowledge <sup>\*)</sup>

<sup>\*)</sup> For advanced analysis and protocol debugging we recommend EnOcean Developer Kit EDK 350.



Example images

### Technical Data:

Housing size:	70 x 23 x 9mm (incl. transport cap)
OEM label size:	39 x 12mm
USB/power supply:	Type A
Weight:	12g
Operation temp.:	-20°C to +50°C
Storage temp.:	-25°C to +70°C
Operation humidity:	0% to 90% r.h. (no condensation)
Storage humidity:	0% to 93% r.h. (no condensation)
868.3MHz:	internal chip antenna R&TTE EN 300 220 (CE)
315/902.875 MHz:	whip antenna FCC CFR-47 Part15
928.35MHz:	PCB antenna ARIB STD-T108
CE / RoHS:	yes

### Optional Status LEDs:

- Power LED: USB power from the host
- USB activity LED: USB bus activity, Rx/Tx

USB 300/400J is designed and produced as white labelled OEM product. Labels and housing can be changed to specific requirements of OEM manufacturers (original distributors).

#### Type

**USB 300**  
**USB 300C**  
**USB 300U**  
**USB 400J**

#### Ordering Code

**S3004-K300**  
**S3034-K300**  
**S3054-K300**  
**S3064-K400**