

USB Gateway

USB 300 / USB 300C / USB 300U

USB 300 is a small USB stick which connects PC's and smart home servers to the world of EnOcean based radio products.

USB 300 is equipped with the TCM 310 transceiver gateway module. It provides bidirectional EnOcean radio and bidirectional serial interface via USB. Radio messages are sent and received via the USB host.

USB 300 provides signal strength. Additional control commands can be sent from the host to USB 300, 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^{*)}
- Virtual COM Port driver (FTDI) for Microsoft Windows, Linux, Apple Mac and Raspberry Pi
- Supports all message formats of EnOcean Equipment Profile 2.5
- EnOcean Serial Protocol 3
- Supports signal strength value
- Programmable repeater
- Remote management^{*)}
- Smart acknowledge^{*)}

^{*)} For advanced analysis and protocol debugging we recommend EnOcean Developer Kit EDK 350.



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.:	0°C - +50°C
Storage temp.:	-25°C - +70°C
Operation humidity:	0% - 90%r.h. (no condensation)
Storage humidity:	0% - 93% r.h. (no condensation)
868 MHz:	internal chip antenna R&TTE EN 300 220 (CE)
315 / 902 MHz:	whip antenna FCC CFR-47 Part15
CE / RoHS:	yes

Optional Status LEDs:

- Power LED:
Indicates USB power from the host
- USB activity LED:
Indicates USB bus activity, e.g. during Rx / Tx

USB 300 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

Ordering Code

S3004-K300 (100x)
S3034-K300 (100x)
S3054-K300 (100x)