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enocean®

USB Gateway
USB 300 / USB 300C

USB 300 is a small USB stick which connects PC's, consumer devices, DSL boxes and other USB master devices 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 an externally connected USB host.

USB 300 provides signal strength and additional control commands can be sent from the host to USB 300, e.g. to configure repeater functionality.

USB 300 (868MHz) is CE certified and conforms to the R&TTE EU directive on radio equipment. USB 300C (315MHz) conforms to the FCC IC requirements.

Features:

- Receive messages from self-powered switches and sensors

- Send messages and control actuators

- Remote configuration of self-powered sensors

- Visualization of radio telegrams with DolphinView Basic[*]

- Virtual COM Port driver (FTDI) for Microsoft Windows, Linux and Apple Mac

- Supports all message formats of EnOcean Equipment Profile 2.1

- EnOcean Serial Protocol 3

- Supports signal strength value

- Programmable Repeater

- Remote Management[*]

- Smart Acknowledge [*]

*) For advanced analysis and protocol debugging EnOcean Developer Kit EDK 300 is recommended.

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 - +40°C
Storage temp.:	-25°C - +65°C
Operation humidity:	0% - 80% r.h. (no condensation)
Storage humidity:	0% - 93% r.h.
868 MHz:	internal chip antenna R&TTE EN 300 220
315 MHz:	whip antenna FCC CFR-47 Part15
CE:	yes
RoHS:	yes

Optional Status LEDs:

- Power LED:
  Indicates USB power from the host

- Rx/Tx Signal LED:
  Indicates a received telegram respectively Rx bus activity

USB 300 is designed and produced as white labelled OEM product. Labels and housing can be changed to specific requirements of OEM manufacturers.

Type	Ordering Code
USB 300	**S3004-K300 (100x)**
USB 300C	**S3034-K300 (100x)**