

Data sheet

KNX RF USB Interface Stick 340

Compact USB interface between PC and KNX RF



(Art. # 5110)

Application area

This interface allows establishing a bidirectional connection between a PC or a laptop and the KNX RF wireless network. The device complies with the specification of KNX RF and supports the protocol cEMI.

The interface is compatible with ETS 5 (or higher). For software integration (Windows or Linux) of this interface the free SDK kDrive express is available.

The power is supplied via the USB port.

Notes for developers: In addition to the telegram interface via cEMI, the KNX RF USB Interface Stick 340 includes a complete KNX Stack with communication objects and BAOS protocol V2. Thus, the stick offers the possibility to extend devices with USB connection to full KNX devices, which can even be programmed by ETS.

For more information about this solution and available SDKs please contact WEINZIERL.

Technical Specification

Electrical safety

- Protection (acc. EN 60529): IP20

CE marking according to

- Low voltage directive 2014 / 35 / EU
- EMC directive 2014 / 30 / EU
- Radio equipment directive 2014 / 53 / EU
- RoHS directive 2011 / 65 / EU (RoHS2)
- EN 63044-3: 2018, EN 50491-5-1: 2010
EN 50491-5-2: 2010, EN 50491-5-3: 2010
- EN 61000-6-2: 2019
EN 61000-6-3: 2007 + A1: 2011
- EN 300 220-2: V3.2.1
- EN 63000: 2018

Environmental requirements

- Ambient temp. operating: - 5 ... + 45 °C
- Ambient temp. non-op.: - 25 ... + 70 °C
- Rel. humidity (non-condensing): 5 ... 93 %

Mechanical data

- Housing: Transparent plastic
- Dimensions: 71 x 23 x 8.7 mm
- Weight: approx. 10 g

Indicators

- 1 LED (multicolor)

KNX

- Medium RF
- Interface protocol: HID/cEMI
- Max. APDU length: 196
- Object server: BAOS V2
- Device model: System B

Power supply

- USB, typical 20 mA
- Max. 40 mA, standby < 1 mA

Connectors

- USB: Connector male type A
Max. cable length: 5 m
- Internal antenna

RF Interface

- KNX RF, ISM Band 868,3 MHz, FSK
- Output power: 11 dBm

Installation Instructions

- The device shall be used in indoor areas only.
- It can be connected directly to a USB port of a PC or laptop.

**WARNING**

- The device must be mounted and commissioned by an authorized electrician.
- The prevailing safety rules must be heeded.
- The device must not be opened.
- For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.

ETS6 Database
www.weinzierl.de/en/products/340/ets6
Manual
www.weinzierl.de/en/products/340/manual
CE Declaration
www.weinzierl.de/en/products/340/ce-declaration



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