

LANSEN

Configuration

DEVICE

The LAN-WMBUS-D2-TC is a USB-connected configuration and sniffer dongle. It is used for wireless configuration of the following devices:

- R3/R4 (Repeater)
- B4 (Bridge)
- O-P (Outdoor pulse counter)
- MOD-TP (Modbus-master)

The device can also be used as a sniffer/collector for receiving Wireless-MBUS data. It connects to the USB port of a PC running Windows, where the USB interface is used for both data communication and power supply.

ANTENNA

The device has an integrated PCB antenna.

MBUS-MODES

The dongle can receive T- and C-mode simultaneously or be switched to S-mode.

FIRMWARE

Modes T- and C-mode or S-mode (configurable) at 868 MHz

Maximum packet length: 255 bytes

Security: Supports receiving security profiles A and B according to OMS 4.

RADIO

Output power: < 10 dBm

Sensitivity: Up to S/T,C -103 dBm/-101 dBm

ALLMÄN INFORMATION

Power supply: 5 VDC

Standards:

2014/53/EU (RED)

EN 13757-3/4:2013, OMS 4.0.2*

Temperature: -20 °C / +55 °C

Housing: White ABS, 25 × 65 × 12 mm

POWER / LIFETIME

Current consumption: Less than 100 mA

DEVICES

LAN-WMBUS-D2-TC – Configuration dongle for T- and C-mode.

LANSEN CONFIGURATOR

The dongle is used together with the freely available Windows tool Lansen Configurator. The tool is used for both configuration and sniffer functionality.

With this tool, it is also possible to display data forwarded by the repeater, RSSI values, and more.

