

# Configuration dongle Wireless M-Bus

## DEVICE

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

- R3/R4 (repeaters)
- B4 (bridge)
- O-P (outdoor pulse meter)
- MOD-TP (modbus master)

The device can also be used as a sniffer / collector for receiving Wireless MBUS data. The device is connected to the USB interface on a PC running Windows operating system and the USB is used for both data and powering the device.

## ANTENNA

The device has an integrated PCB antenna.

## MBUS MODES

The dongle can at the same time receive T- and C-mode or changed to receive in S-mode.

## FIRMWARE

**MODES** T- and C-mode or S-mode (configurable) on 868MHz

**MAX PACKET LENGTH** 255 bytes

**SECURITY** Supports reception of Security Profile A and B according to OMS 4.

## RADIO

**RADIATED POWER** < 10 dBm

**SENSITIVITY** Down to S/T,C -103 dBm/-101 dBm

## GENERAL INFORMATION

**POWER SUPPLY** 5 VDC

**STANDARDS** 2014/53/EU (RED)  
EN 13757-3/4:2013, OMS 4.0.2\*

**TEMPERATURE** -20 ° / +55 °

**ENCLOSURE** White ABS, 25 x 65 x 12 mm

## POWER/LIFETIME

**CURRENT** Less than 100 mA

## DEVICES

LAN-WMBUS-D2-TC Configuration dongle 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 for sniffer functionality.

With this tool it is also possible to see the routed data retransmitted by the repeater, the RSSI value etc.

