LANSEN
Configuration dongle

DEVICE
The LAN-WMBUS-D2-TC is a USB connected configuration and sniffer dongle. Is 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 have 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	-20⁰ / +55⁰
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 functionalty.

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

v.1.0