LANSEN
WIRELESS BUILDING TECHNOLOGY

CONFIGURATION DONGLE
OMS Wireless M-BUS

DEVICE

The LAN-WMBUS-D1-TC is a USB connected configuration and sniffer dongle. Is is used for wireless configuration of the R2 and R3 repeaters. 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. 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.

FIRMWARE

MODES	T , C and S mode (optional), (868MHz)
REPETITION	20 times
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
TRANSMISSION	Listen before talk, polite spectrum access.

GENERAL INFORMATION

POWER SUPPLY	3,3 VDC
STANDARDS	2014/53/EU (RED)
	EN 13757-3/4:2013, OMS 4.0.2*
TEMPERATURE	-20⁰ / +55⁰
ENCLOSURE	White ABS , 25.5 x 105 x 22 mm
USB CABLE	1 meter

POWER/LIFETIME

CURRENT	40 mA

DEVICES

LAN-WMBUS-D1-TC	Configuration dongle T and C mode.

LANSEN CONFIGURATOR

The dongle is used together with the windows tool Lansen Configurator. The tool is used for both configuration and for sniffer functionaly. Using the tool it is possible to see the routed data retransmitted by the repeater and the RSSI value etc.

M-Bus wireless

Preliminary 0,1