

LANSEN

EU Declaration of Conformity

Product description:

Lansen (LAN) wireless M-Bus (-WMBUS) fourth generation repeater (-RX4) with mains power (-M), long-range filtering (-LR), for either indoor (-A1) or outdoor (-A2) usage with two external antennas (X).

Order code:

LAN-WMBUS-RX4-M-LR-A1-X
LAN-WMBUS-RX4-M-LR-A2-X

This declaration of conformity is issued under the sole responsibility of the manufacturer. We certify that the apparatus detailed above is in conformity with following directives:

- Radio Equipment Directive (RED) 2014/53/EU
- RoHS Directive 2011/65/EU (EU) 2015/863

by application of the following harmonised standards:

EN 300 220-1 V3.1.1 (2017-02)

Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1: Technical characteristics and methods of measurement

EN 300 220-2 V3.1.1 (2017-02)

Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non-specific radio equipment

EN 301 489-1 V2.1.1 (2017-02)

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility

EN 301 489-1 V2.2.0 (2017-03)

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility

EN 301 489-3 V2.1.1 (2019-03)

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

EN 61000-6-1 (2019)

Electromagnetic compatibility (EMC) - Part 6-1: Generic standards – Immunity standard for residential, commercial and light-industrial environments.

EN 61000-6-2 (2005), /AC:2006

Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity standard for industrial environments

EN 61000-6-3 (2007) / A1:2011

Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments.

EN 61000-6-4 (2007), /A1:2011

Electromagnetic compatibility (EMC) – Part 6-4: Generic standards – Emission standard for industrial environments

EN 61000-4-2 (2009)

Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test

EN 61000-4-3 (2006), /A1:2008, /A2:2010

Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement - Radiated, radio-frequency, electromagnetic field immunity test

EN 61000-4-4 (2012)

Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test

EN 61000-4-5 (2014)

Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test

EN 61000-4-6 (2014)

Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields

EN 61000-4-11 (2004)

Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests

EN 62368-1:2020

Audio/video, information and communication technology equipment - Part 1: Safety requirements.

EN 63000:2018

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substance.

Third-Party Test House

RISE Research Institute of Sweden AB.

Identification number 1002

Certificate registration number: 8P09831-R1, 8P09831-E1, 9P08482-R2, 9P08482-E2

Lansen Systems AB



Martin Stanic, product manager

Date of Issue: 23.01.2025

Lansen Systems AB
Rörkullsvägen 7
SE – 30241 HALMSTAD

Tel: +46 35 50 520
support@lansen.se
www.lansen.io

VAT: SE556901401101