EU Declaration of Conformity

Product description:
Lansen (LAN) wireless M-Bus (-WMBUS) fifth generation gateway (-GW5) with either extended battery (-BE) or mains (-M) power, long-range filtering (-LR), for indoor (-A1) or outdoor (-A2) usage. The device has optional external antenna interfaces, one for wireless M-Bus (-X_1) and one for cellular network (-X_2).

The device comes with either LTE CAT-M1 (-CATM1) or LTE CAT-1 bis/4G (-CAT1/4G) cellular connectivity and has an optional module card for wired M-Bus (-MA_NBR), where NBR is the number of supported wired M-Bus slave devices it can handle.

Order code:
LAN-WMBUS-GW5-M-LR-A1-(X_1)-CATM1-(X_2)-(MA_NBR)
LAN-WMBUS-GW5-M-LR-A1-(X_1)-CAT1/4G-(X_2)-(MA_NBR)

LAN-WMBUS-GW5-M-LR-A2-(X_1)-CATM1-(X_2)-(MA_NBR)
LAN-WMBUS-GW5-M-LR-A2-(X_1)-CAT1/4G-(X_2)-(MA_NBR)

LAN-WMBUS-GW5-BE-LR-A1-(X_1)-CATM1-(X_2)-(MA_NBR)
LAN-WMBUS-GW5-BE-LR-A1-(X_1)-CAT1/4G -(X_2)-(MA_NBR)

LAN-WMBUS-GW5-BE-LR-A2-(X_1)-CATM1-(X_2)-(MA_NBR)
LAN-WMBUS-GW5-BE-LR-A2-(X_1)-CAT1/4G -(X_2)-(MA_NBR)

LAN-WMBUS-GW5-M-A1-ETH-(434)-(X_1)-CAT1/4G-(X_2)

LAN-WMBUS-GW5MAX-M-A2-(434)- (X_1)-CAT1/4G-X_2

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 standards:

Requirement	Standard
Short Range Devices (SRD)	ETSI EN 300 220-1 V3.1.1 (2017-02) ETSI EN 300 220-2 V3.2.1 (2018-06)
Electromagnetic Compatibility (EMC)	EN 301 489-1 V2.2.3 (2019–11) EN 301 489-3 V2.3.2 (2023-01) EN 61000-4-2 (2019) EN 61000-4-3 (2006), /A1:2008, /A2:2010 EN 61000-4-4 (2012) EN 61000-4-5 (2014) EN 61000-4-6 (2014) EN 61000-4-11 (2004) EN 61000-6-1 (2019) EN 61000-6-3 (2007), /A1:2011
Common Security Requirements for Radio Equipment	EN 18031-1 (2024)
Safety Requirements for Audio/Video and ICT Equipment	EN 62368-1:2020
Hazardous Substance Restriction	EN IEC 63000:2018

Third-Party Test House
RISE Research Institute of Sweden AB.
Identification number 1002
Certificate registration number: 9P08482-E2, 2P00980-E4, P122982-E1, P122982-R1, P126735-E1, P126735-R1, P126735-R6, P126735-E1

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