

Product catalogue

LANSEN

Lansen provides innovation-driven wireless solutions for measuring, monitoring and control of buildings.

/Who we are

Lansen provides innovation-driven wireless open functions for measuring, monitoring and control of buildings. Developed, designed, and manufactured by engineers in Sweden.

We are here to future-proof the communities of tomorrow by providing reliable and innovative open standard wireless products of highest quality and superior battery life - with usability, the environment and living quality in mind. We offer products within our own brand as well as customized OEM products, to customers globally.

Our wireless, ultra-low power innovations connect buildings, collect and transfer a true picture of the reality to make it easy for our customers to make good business decisions. Based on the collected data our customers can control, steer, monitor, optimize building energy usage, improve air quality or connect to AI-platforms - in order to save energy, save cost and improve living quality.

Products include meters, temperature sensors, environmental sensors, door/window sensors, smoke detectors, leakage detectors and infrastructure products like repeaters, gateways and range extenders.



Our DNA - our four pillars

In 2004 Lansen was founded on the idea that impactful, value-creating innovation needs to be relevant to the customers, differentiating versus competition and make a measurable impact on people and society. Our approach is to be innovation driven, creative, iterative and dynamic.

Swedish innovation

All products are developed, designed and tested by engineers in Halmstad, Sweden. The Innovation platform approach makes it easy to adapt and add functions according to the customer's specific needs.

Battery life

All products are built on Lansen's ultra-low power platform, meaning less battery changes thus reducing cost, effort and environmental impact.

Wireless & Open

Smart sustainable communities are built on openness and standards. Open Metering System (OMS) is the open, vendor independent standard for meter communication based on the Wireless M-Bus and mioty protocol - for high encrypted safety and operability with different manufacturers.

Security heritage

Our experience and knowledge from developing high-quality security systems is the backbone of Lansen's Innovation Platform. Secure and reliable high-quality components are still at the heart of the development for all products.

Products and functions for different needs

Utilities/Metering

Our complete range of OMS compatible Wireless M-Bus devices is specifically designed to extend the range between meters and gateways. Collect the data from your buildings for a more efficient and sustainable property management.

Building Control

Get control over the energy consumption patterns in your properties. Get real time insight about the indoor and outdoor environment. Invaluable plug and play products for automatization and steering.

Sub-metering

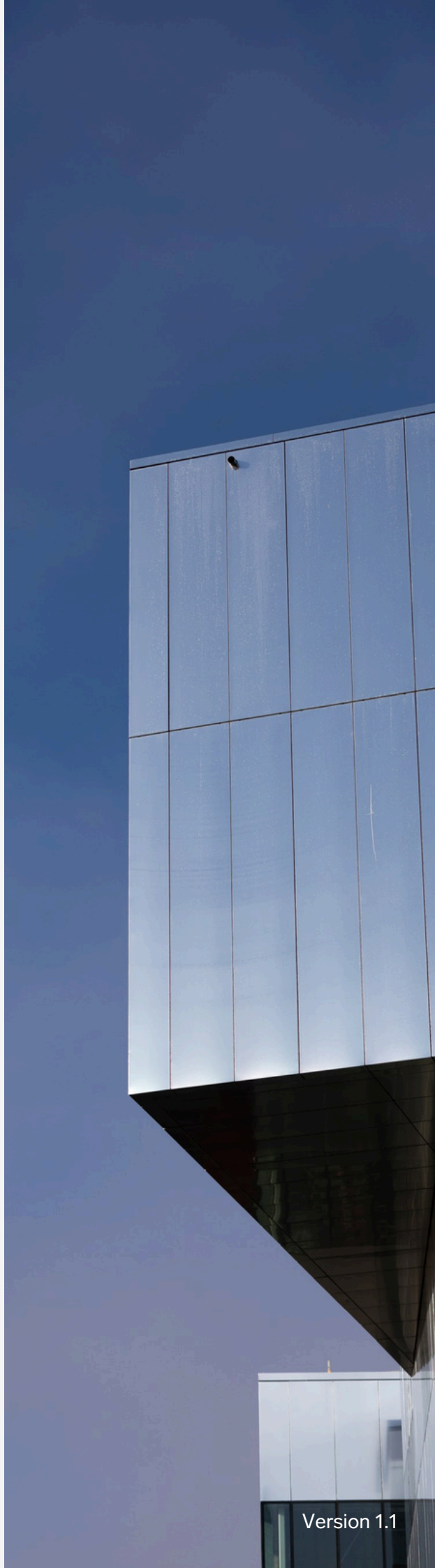
Decrease energy use and increase living quality, measure and take control over the indoor climate. Increase ventilation and optimize the level of carbon dioxide - for better air quality, comfort and safety.

Infrastructure

Repeaters / Gateways / Converters / Bridges / RF amplifiers

Sensors

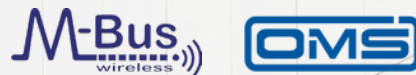
CO2 / Temperature / Humidity / Leakage / Pulse / Dry contact / Radon / Sound / Pressure / Light Brightness



Communication protocols

OMS Wireless M-Bus

Lansen supports the OMS specification for both Wireless M-Bus and Wired M-Bus to deliver products with long lifetime, long transmission range and verified interoperability. The Wireless M-Bus standard is defined in EN 13757 and the interoperability is guaranteed in the OMS specification. Furthermore, the OMS/Wireless M-Bus stack is developed inhouse for best performance, battery life and reliability.



Mioty

Lansen has been a member of mioty alliance since 2020. Mioty is a software based low-power, wide-area network (LPWAN) protocol that was developed to overcome today's and future wireless connectivity limitations. With its best-in-class reliability and scalability, Mioty is designed for massive industrial and commercial IoT deployments. Furthermore, the mioty stack is developed inhouse for best performance, battery life and reliability.



Table of contents

Sensor series	<u>7</u>
Air quality	
True CO2 and VOC sensors	<u>8</u>
Temperature & humidity sensors	<u>9</u>
Outdoor temperature and humidity sensors	<u>10</u>
Radon sensors	<u>11</u>
Protection	
Water leakage transmitters	<u>12</u>
Door & window detectors	<u>13</u>
Smoke detectors 10 years	<u>13</u>
Occupancy detectors	<u>14</u>
AC power detectors	<u>14</u>
Octocoupler signal detector	<u>15</u>
Metering	
Indoor pulse counters	<u>16</u>
Indoor temperature probe transmitter	<u>17</u>
Outdoor temperature probe transmitter	<u>18</u>
Outdoor pulse counters	<u>19</u>
Dry contacts	<u>20</u>
Infrastructure series	<u>21</u>
A complete data acquisition process	<u>22</u>
Gateways	
Wireless M-Bus gateways	<u>23</u>
Wireless M-Bus to Ethernet gateways	<u>24</u>
Repeaters	
Wireless M-Bus repeaters	<u>25</u>
Converters	
Wired M-Bus to wireless M-Bus converters	<u>26</u>
Modbus to wireless M-Bus converter	<u>27</u>
Micro M-Bus to wireless M-Bus converter	<u>27</u>
Bridges	
OMS4mioty bridge	<u>28</u>
RF amplifiers	
Filtered amplifiers	<u>29</u>
Filtered amplifiers low profile	<u>29</u>
Foot notes	<u>30</u>

Sensor series

Air quality / Protection / Metering

Enhance your environment, safeguard your spaces, and measure with certainty using our complete collection of sensors. Powered by Wireless M-Bus or mioty technology, these devices ensure seamless communication and full integration. Embrace the future of sensor technology with products designed to transcend expectations, setting new benchmarks in accuracy and usability.

- ✓ 10 - 14 years battery life
- ✓ OMS Wireless M-Bus or mioty
- ✓ Discrete design
- ✓ Security heritage

CO2 | VOC | Temperature | Humidity | Radon

Leakage | Door & Window | Smoke | Occupancy | AC power

Pulse | Temperature probe | Dry contact

/ Air quality



True CO2 sensors

The true CO₂ sensor ensures great air quality every day. A genuine CO₂ sensor specially developed for public buildings such as schools and offices. The sensor has an estimated battery life of 10-14 years*.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-E2-CO2	LAN-900-0060
True CO ₂ , temperature & humidity	
LAN-WMBUS-E2-CO2-I	LAN-900-0020
True CO ₂ , temperature & humidity with indication	
LAN-WMBUS-E2-CO2-S	LAN-900-0056
True CO ₂ , temperature, humidity & sound level	
LAN-WMBUS-E2-CO2-S-I	LAN-900-0055
True CO ₂ , temperature, humidity & sound level with indication	

Variants mioty

Art. nr

LAN-MIOTY-E2-CO2	LAN-920-0011
True CO ₂ , temperature & humidity	
LAN-MIOTY-E2-CO2-I	LAN-920-0003
True CO ₂ , temperature & humidity with indication	
LAN-MIOTY-E2-CO2-S	LAN-920-0072
True CO ₂ , temperature, humidity & sound level	
LAN-MIOTY-E2-CO2-S-I	LAN-920-0054
True CO ₂ , temperature, humidity & sound level with indication	



VOC, temperature & humidity sensor

LAN-WMBUS-E2-VOC is used for sensing VOC gases. The sensor also measures temperature & humidity. With a service life of 16 years* this device ensures a high & reliable performance over time.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-E2-VOC	LAN-900-0027
VOC, temperature & humidity	



Temperature & humidity sensors

A temperature & humidity sensor with high security and performance. Much care has been taken to design a sleek, good looking device. The sensor has an estimated battery life of 14 years*. Communicating through Wireless M-Bus or mioty.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-C-TH Temperature & humidity	LAN-900-0001
LAN-WMBUS-CX-TH Temperature & humidity, cost optimized version	LAN-900-0091
LAN-WMBUS-CX-T Temperature	LAN-900-0090

Variants mioty

Art. nr

LAN-MIOTY-C-TH Temperature & humidity	LAN-920-0012
--	--------------



Outdoor temperature & humidity sensors

An outdoor temperature and humidity sensor made of highly durable PC plastic. The device is waterproof and has an estimated battery life of 14 years*. Also available in variants specially developed for harsh temperatures.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-O-T	LAN-900-0054
Outdoor temperature	
LAN-WMBUS-O-TH	LAN-900-0021
Outdoor temperature & humidity	
LAN-WMBUS-O-T-H	LAN-900-0023
Harsh outdoor temperature	
LAN-WMBUS-O-TH-H	LAN-900-0069
Harsh outdoor temperature & humidity	

Variants mioty

Art. nr

LAN-MIOTY-O-T	LAN-920-0073
Outdoor temperature	
LAN-MIOTY-O-TH	LAN-920-0074
Outdoor temperature & humidity	



Radon sensors

Measures radon, CO₂, temperature, humidity, and pressure with high accuracy. It is plug-and-play and can be mounted in any room where there is a need to frequently measure important indoor parameters.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-Q-RC	LAN-900-0048
Radon, true CO ₂ , temperature, humidity & pressure	
LAN-WMBUS-Q-C	LAN-900-0062
True CO ₂ , temperature, humidity & pressure	
LAN-WMBUS-Q-R	LAN-900-0063
Radon, temperature, humidity & pressure	

Variants mioty

Art. nr

LAN-MIOTY-Q-RC	LAN-920-0004
Radon, true CO ₂ , temperature, humidity & pressure	
LAN-MIOTY-Q-R	LAN-920-0005
Radon, temperature, humidity & pressure	



Water leakage transmitters

A water leakage transmitter used to detect water leakages in any area where a leakage may occur, such as under a dishwasher or in a basement. The device has an estimated battery life of 14 years*. Communicating through Wireless M-Bus or mioty.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-G2-LDS Water leakage transmitter	LAN-900-0008
LAN-WMBUS-G2-LDP Water leakage transmitter with cable	LAN-900-0035
LAN-WMBUS-G2-LDP-KIT-1 Water leakage detector kit	LAN-900-0032




Variants mioty

Art. nr

LAN-MIOTY-G2-LDS Water leakage transmitter	LAN-920-0058
LAN-MIOTY-G2-LDP Water leakage transmitter with cable	LAN-920-0061
LAN-MIOTY-G2-LDP-KIT-1 Water leakage detector kit	LAN-920-0062

Accessories

Art. nr

LAN-LC-21-100-100 Leakage cable kit (200cm)		LAN-910-0007
LAN-LC-AP-100 Leakage cable, active part (100cm)		LAN-910-0034
LAN-LC-NA-100 Leakage cable, non-active part (100cm)		LAN-910-0035



Door & window detectors

With a discrete design and easy installation this detector alerts as soon as a door or window is opened or closed. The device has an estimated battery life of 14 years* and comes with an included magnet kit. Communicating through Wireless M-Bus or mioty.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-M2
Door & window detector

LAN-900-0010

Variants mioty

Art. nr

LAN-MIOTY-M2
Door & window detector

LAN-920-0056

Accessories

Art. nr

LAN-MC-740-E
Magnetic contact, surface mounted, NC, 2m cable



LAN-910-0038



Smoke detectors 10 years

An OMS compliant smoke detector with an estimated battery life of 10 years*. The device uses photoelectric technology and has an aesthetically appealing, professional design and function. Communicating through Wireless M-Bus or mioty.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-SMK2
Smoke detector

LAN-900-0051

Variants mioty

Art. nr

LAN-MIOTY-SMK2
Smoke detector

LAN-920-0057



Occupancy detectors

The occupancy detector can if connected to the building's automation system be used as an indicator for deactivating/reactivating light and ventilation in a space depending on if there's people in the room or not. Uses PIR technology and is communicating through Wireless M-Bus or mioty. The device has an estimated battery life of 14 years*.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-OD-PIR

LAN-900-0022

Occupancy detector

LAN-WMBUS-OD-EQ

LAN-900-0052

Occupancy detector with environment quality (temperature, humidity, sound, brightness)

Variants mioty

Art. nr

LAN-MIOTY-OD-PIR

LAN-920-0063

Occupancy detector



AC power detectors

This device is used for detecting powerloss to equipment by simply mounting the AC-finder attachment on an AC-cable. Since the attachment is installed directly on a cable, there is no need to turn off the equipment during installation, which other solutions require. The device has an estimated battery life of 14 years*.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-G2-ACF

LAN-900-0064

AC power detector



Optocoupler signal detector

Some machines that lack the dry contact output can use a high voltage signal instead to alert when an alarm goes off or if an error occurs. Here G2-OPC is the perfect solution. The interface is protected with an optocoupler and can detect high or low-voltage input.

Variant Wireless M-Bus

Art. nr

LAN-WMBUS-G2-OPC

LAN-900-0065

Optocoupler, single Hi/Lo signal detector (optocoupled), 3-24 V input.



Indoor pulse counters

An indoor pulse counter with an estimated battery life of 14 years*. The device can count pulses from two devices simultaneously, for example from a water meter and an electricity meter. Also available in a drive-by version.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-G2-P Pulse counter	LAN-900-0005
LAN-WMBUS-G2-P-DB Pulse counter drive-by	LAN-900-0005-2
LAN-WMBUS-G2-OOP Optical pulse counter	LAN-900-0009



Indoor temperature probe transmitter

A plug-and-play OMS transmitter used for measuring the temperature on, for example, pipes. LAN-WMBUS-G2-EXT supports up to four external temperature probes connected to the device, see our full range of probes under the “accessories” section. The device has an estimated battery life of 14 years*.







Variants Wireless M-Bus

Art. nr

LAN-WMBUS-G2-EXT Temperature probe transmitter	LAN-900-0041
---	--------------

Accessories

Art. nr

LAN-EXT-PROBE-OW Single probe, standard OD 6mm		LAN-912-0001
LAN-EXT-PROBE-OW-DUAL Dual probes, standard OD 6mm		LAN-912-0002
LAN-EXT-PROBE-OW-FL-15 External temperature probe, 15cm flexible cable		LAN-912-0003
LAN-EXT-PROBE-OW-PIPE-1 Single probe for pipes, winged (stainless)		LAN-912-0004
LAN-EXT-PROBE-OW-PIPE-2 Dual probes for pipes, winged (stainless)		LAN-912-0005
LAN-EXT-PROBE-OW-PIPE-4 Quad probes for pipes, winged (stainless)		LAN-912-0006



Outdoor temperature probe transmitter

A device intended to measure temperatures outside using external temperature probes e.g. on pipes. See our full range of probes under the “accessories” section. Thanks to its IP66-casing the device can be mounted outdoors and in harsh environments. The device has an estimated battery life of 14 years*.







Variants Wireless M-Bus

Art. nr

LAN-WMBUS-O-EXT	LAN-900-0036
Outdoor temperature probe transmitter	

Accessories

Art. nr

LAN-EXT-PROBE-OW		LAN-912-0001
LAN-EXT-PROBE-OW-DUAL		LAN-912-0002
LAN-EXT-PROBE-OW-FL-15		LAN-912-0003
LAN-EXT-PROBE-OW-PIPE-1		LAN-912-0004
LAN-EXT-PROBE-OW-PIPE-2		LAN-912-0005
LAN-EXT-PROBE-OW-PIPE-4		LAN-912-0006



Outdoor pulse counters

A plug-and-play pulse counter transmitter suitable for outdoor environments thanks to its IP66-casing. The device can be easily configured wirelessly and can therefore be customized to fit specific needs. Also available in variants specially developed for harsh temperatures. Communicating through Wireless M-Bus or mioty with an estimated battery life of 14 years*.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-O-P Outdoor pulse counter	LAN-900-0014
LAN-WMBUS-O-P-DB Outdoor pulse counter drive-by	LAN-900-0014-2
LAN-WMBUS-O-P-H Outdoor harsh pulse counter	TBD



Variants mioty

Art. nr

LAN-MIOTY-O-P Outdoor pulse counter	TBD
--	-----

Accessories

Art. nr

LAN-CF-CABLE Configuration cable for Lansen products		LAN-910-0018
LAN-WMBUS-D2-TC Lansen configuration USB-dongle Wireless M-Bus/868MHz, gen 2		LAN-901-0018



Dry contacts

G2-DC-NO/NC (normally open/closed) can be used for monitoring indoor dry contacts, such as relays to a motor or reed switches to a valve. If, for example, a motor starts or stops, the device will immediately send a telegram. With high security and performance in focus the device has both a sleek design and an estimated battery life of 14 years*.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-G2-DC-NO Dry contact, normally open	LAN-900-0006
LAN-WMBUS-G2-DC-NC Dry contact, normally closed	LAN-900-0031

Variants mioty

Art. nr

LAN-MIOTY-G2-DC-NO Dry contact, normally open	LAN-920-0066
LAN-MIOTY-G2-DC-NC Dry contact, normally closed	LAN-920-0067

Infrastructure series

Repeaters / Gateways / Bridges / Converters / RF amplifiers

Embrace seamless connectivity, efficiency, and scalability with our comprehensive range of infrastructure products, all available with Wireless M-Bus technology. Discover our collection of repeaters, gateways, and converters today for a smarter, more interconnected future.

- ✓ **10 years battery-life or 230VAC**
- ✓ **OMS Wireless M-Bus, Modbus, Ethernet or mioty**
- ✓ **Discrete design**
- ✓ **High encrypted safety**

Extend range | Collect data to cloud | Convert from one protocol to another

Wired to wireless | Amplify signal and remove disturbances

A complete data acquisition process

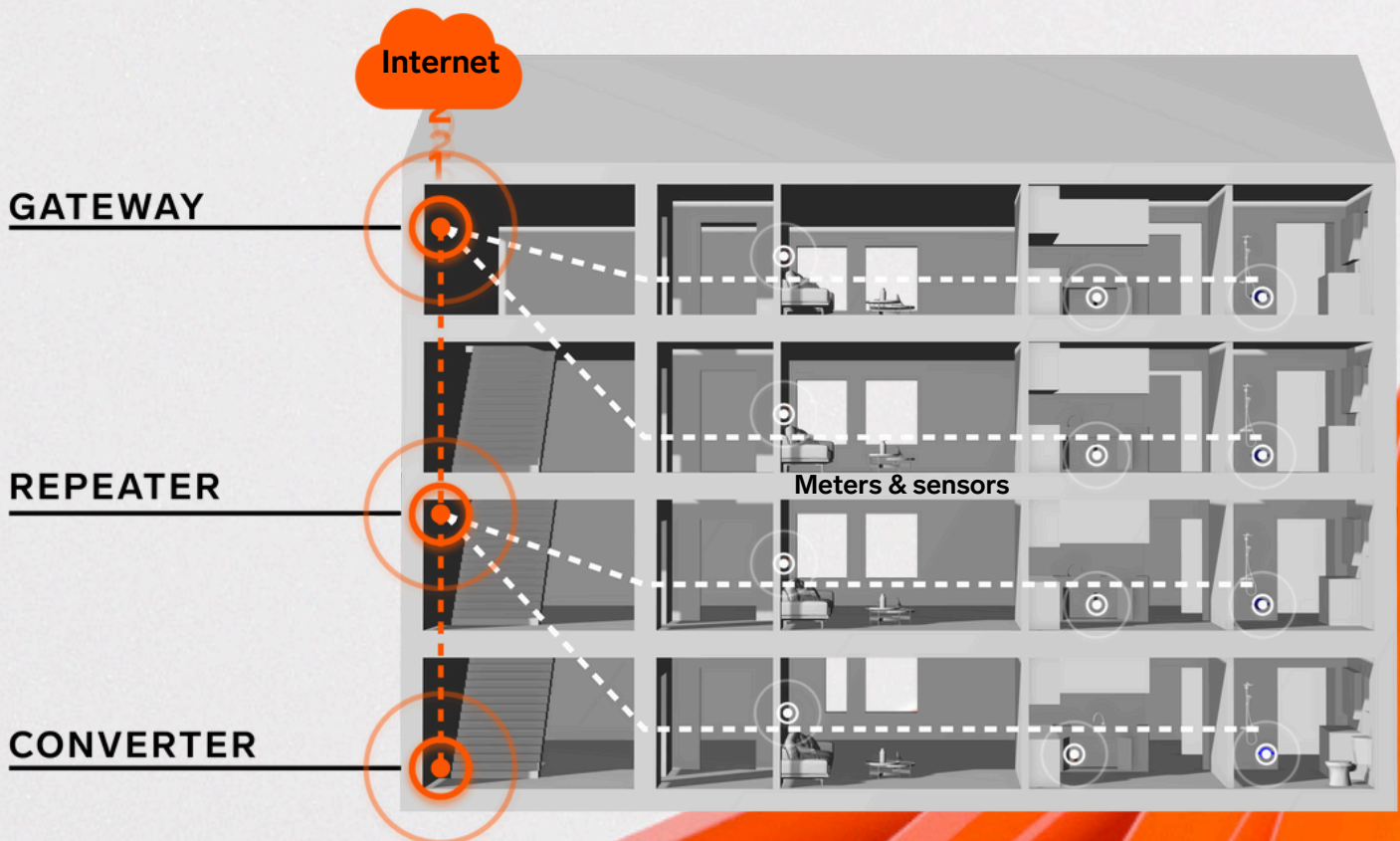
Dive into the world of seamless data collection with Lansen! Whether you're seeking to enhance data collection or extend it to external services, we've got you covered with our diverse range of communication products and solutions. Here's a quick summary of what we offer:

Gateway: The Wireless M-Bus gateway is a highly configurable device used for collecting data from Wireless M-Bus meters and transmitting the data using cellular LTE-M1, 4G, or Ethernet. The gateway is the connection between your local wireless network like **868MHz** and IP networks. Battery-powered or 230 VAC.

Converter: Convert between wireless and wired data from meters and sensors to other building automation systems.

Repeater: Our Wireless M-Bus repeaters are specifically designed to extend the range between meters and any wM-Bus compatible gateway. The repeaters are battery-powered or mains-powered (230VAC). Experience enhanced reliability, resilience against disruptions, and a reduction in overall installation costs.

Bridge: We also offer a bridge used to convert between different wireless technologies like wireless M-Bus and mioty.





Wireless M-Bus gateways

Lansen's Wireless M-Bus gateway is a highly configurable device used for collecting data from Wireless M-Bus meters and transmitting the data using cellular LTE-M1. Comes with multiple options for antennas. The gateway also supports GPRS (2G).

Variants

LAN-WMBUS-

Series Standard	-B4
Power Battery (3.6V/38Wh with supercap) 230VAC	-BE -M
Receiver (Sensitivity range) Enhanced (Low noise amplifier/filtering)	-LR
Enclosure type Indoor (IP40) Outdoor (IP65 and IP67)	-A1 -A2
Antenna type (wM-Bus) Dual internal (PCB) External (SMA connector)	(Blank) -X
Cloud/internet/GPRS connection CATM1	-CATM1
Antenna type (LTE-M1/CATM1/cellular) Internal (PCB) External (SMA connector)	(Blank) -X
Example	LAN-WMBUS-B4-BE-LR-A2-X-CATM1-X

Accessories

Art. nr

LAN-WMBUS-D2-TC

Lansen configuration USB-dongle Wireless M-Bus/868MHz, gen 2



LAN-901-0018



Wireless M-Bus to ethernet gateways

We are proud to present the Wireless M-Bus to Ethernet gateway! Leveraging the robust foundation of our existing B4 series, we have integrated Ethernet connectivity. With Power over Ethernet (PoE) support as an option, enjoy an easy installation and operation, eliminating the need for a separate power cable.

Variants

LAN-WMBUS-

Series Standard	-B4
Power PoE (Power over Ethernet) 230VAC	-POE -M
Receiver (Sensitivity range) Enhanced (Low noise amplifier/filtering)	-LR
Enclosure type Indoor (IP40)	-A1
Antenna type (wM-Bus) Dual internal (PCB) External (SMA connector)	(Blank) -X
Cloud connection Wireless M-Bus to Ethernet (RJ45)	-ETH
Example	LAN-WMBUS-B4-POE-LR-A1-X-ETH

Accessories

Art. nr

LAN-WMBUS-D2-TC
Lansen configuration USB-dongle Wireless M-Bus/868MHz, gen 2



LAN-901-0018



Wireless M-Bus repeaters

Explore our complete range of OMS compatible Wireless M-Bus repeaters, specifically designed to extend the range between meters and any wM-Bus compatible gateway. Experience enhanced reliability, resilience against disruptions, and a reduction in overall installation costs.

Variants

LAN-WMBUS-

Series Standard High performance (Separated, external receive /transmit antennas) (only 230VAC) Micro (3.6V 7800mAh (Support for 100 devices))	-R4 -RX4 -uR
Power Battery (3.6V/38Wh) Battery (3.6V/38Wh with extended temperature range) (for outdoor variants only) 230VAC	-B -BE -M
Receiver (Sensitivity range)** Standard Enhanced (Low noise amplifier/filtering)	(Blank) -LR
Enclosure type Indoor (IP40) Outdoor (IP65 and IP67)	-A1 -A2
Antenna type Dual internal differential (PCB) External (SMA connector)	(Blank) -X
Example	LAN-WMBUS-R4-B-A1-X

Accessories for repeaters

Art. nr

LAN-WMBUS-D2-TC
 Lansen configuration USB-dongle Wireless M-Bus/868MHz, gen 2



LAN-901-0018

/ Converter



Wired M-Bus to Wireless M-Bus converters

A wired 230V AC/DC M-Bus master to wireless converter. This is the ideal product for reading out big volumes of information from multiple devices while still having wired meters installed.

Variants

Art. nr

LAN-WMBUS-MA-4-A2 4 meters / 16 loads	LAN-906-0001
LAN-WMBUS-MA-8-A2 8 meters / 16 loads	LAN-906-0002
LAN-WMBUS-MA-16-A2 16 meters / 16 loads	LAN-906-0003
LAN-WMBUS-MA-64-A2 64 meters / 32 loads	LAN-906-0004
LAN-WMBUS-MA-128-A2 128 meters / 32 loads	LAN-906-0005
LAN-WMBUS-MA-500-A2 500 meters / 32 loads	LAN-906-0006

Variants with external SMA-interface

Art. nr

LAN-WMBUS-MA-4-A2-X 4 meters / 16 loads	LAN-906-0008
LAN-WMBUS-MA-8-A2-X 8 meters / 16 loads	LAN-906-0009
LAN-WMBUS-MA-16-A2-X 16 meters / 16 loads	LAN-906-0010
LAN-WMBUS-MA-64-A2-X 64 meters / 32 loads	LAN-906-0011
LAN-WMBUS-MA-128-A2-X 128 meters / 32 loads	LAN-906-0012
LAN-WMBUS-MA-500-A2-X 500 meters / 32 loads	LAN-906-0013



MODBUS to Wireless M-Bus converter

A wired 230V AC/DC converter for transparent Modbus-RTU (RS485) to Wireless M-Bus. The device can store up to 64 Modbus questions.

Variant

Art. nr

LAN-WMBUS-MOD-TP

LAN-906-0001

Transparent Modbus-RTU (RS485) to wireless M-Bus



Micro M-Bus to wireless M-Bus converter

The battery powered micro M-Bus master, LAN-WMBUS-uMA, is a plug-and-play Wired M-Bus to Wireless M-Bus converter to read out wired M-Bus meters and transmit the data wirelessly using the Wireless M-Bus protocol.

Variant

Art. nr

LAN-WMBUS-O-MA-3

LAN-906-0028

3 meters / 3 loads



OMS4mioty bridge

In an approach to bridge the gap between OMS Wireless M-Bus devices and the mioty (OMS5) technology, Lansen can now present the OMS4mioty bridge! The device can effectively convert data between Wireless M-Bus and the mioty protocol, enabling a fast adaptation to mioty with existing M-Bus meters.

Variants

LAN-WMBUS-

Series Standard	-B4
Power Battery (3.6V/38Wh) 230VAC	-B -M
Receiver (Sensitivity range) Standard** Enhanced (Low noise amplifier/filtering)***	-(Blank) -LR
Data output Mioty (Wireless M-Bus to mioty)	-MIOTY
Enclosure type Indoor (IP40) Outdoor (IP65 and IP67)	-A1 -A2
Antenna type Dual internal (PCB) External (SMA connector)	(Blank) -X
Example	LAN-WMBUS-B4-B-LR-MIOTY-A1-X

Accessories

Art. nr

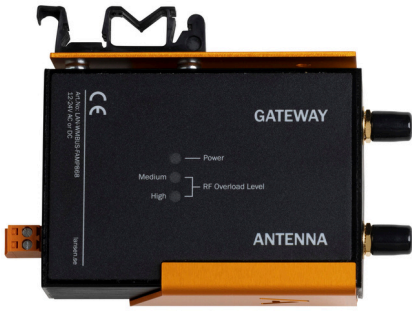
LAN-WMBUS-D2-TC

Lansen configuration USB-dongle Wireless M-Bus/868MHz, gen 2



LAN-901-0018

/ Filtered amplifiers



Filtered Amplifiers

The Filtered Amplifier 868 MHz / 434 MHz drastically increases the receiver performance of the gateway by removing disturbances from 4G, LTE, TV, WLAN, etc. while amplifying the wanted signal. The device has a DIN-adaptor on the side (orange part) for easy installation on a DIN-rail.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-FAMP868
Filtered amplifier for wM-Bus 868MHz

LAN-902-0001

LAN-WMBUS-FAMP434
Filtered amplifier for wM-Bus 434MHz

LAN-902-0003



Filtered Amplifiers low profile

The Filtered Amplifier 868 MHz / 434 MHz drastically increases the receiver performance of the gateway by removing disturbances from 4G, LTE, TV, WLAN, etc. while amplifying the wanted signal. The device has a DIN-adaptor on the back to give it a low profile when installed on a DIN-rail.

Variants Wireless M-Bus

Art. nr

LAN-WMBUS-FAMP868-LP
Filtered amplifier for wM-Bus 868MHz low profile

LAN-902-0002

LAN-WMBUS-FAMP434-LP
Filtered amplifier for wM-Bus 434MHz low profile

LAN-902-0004

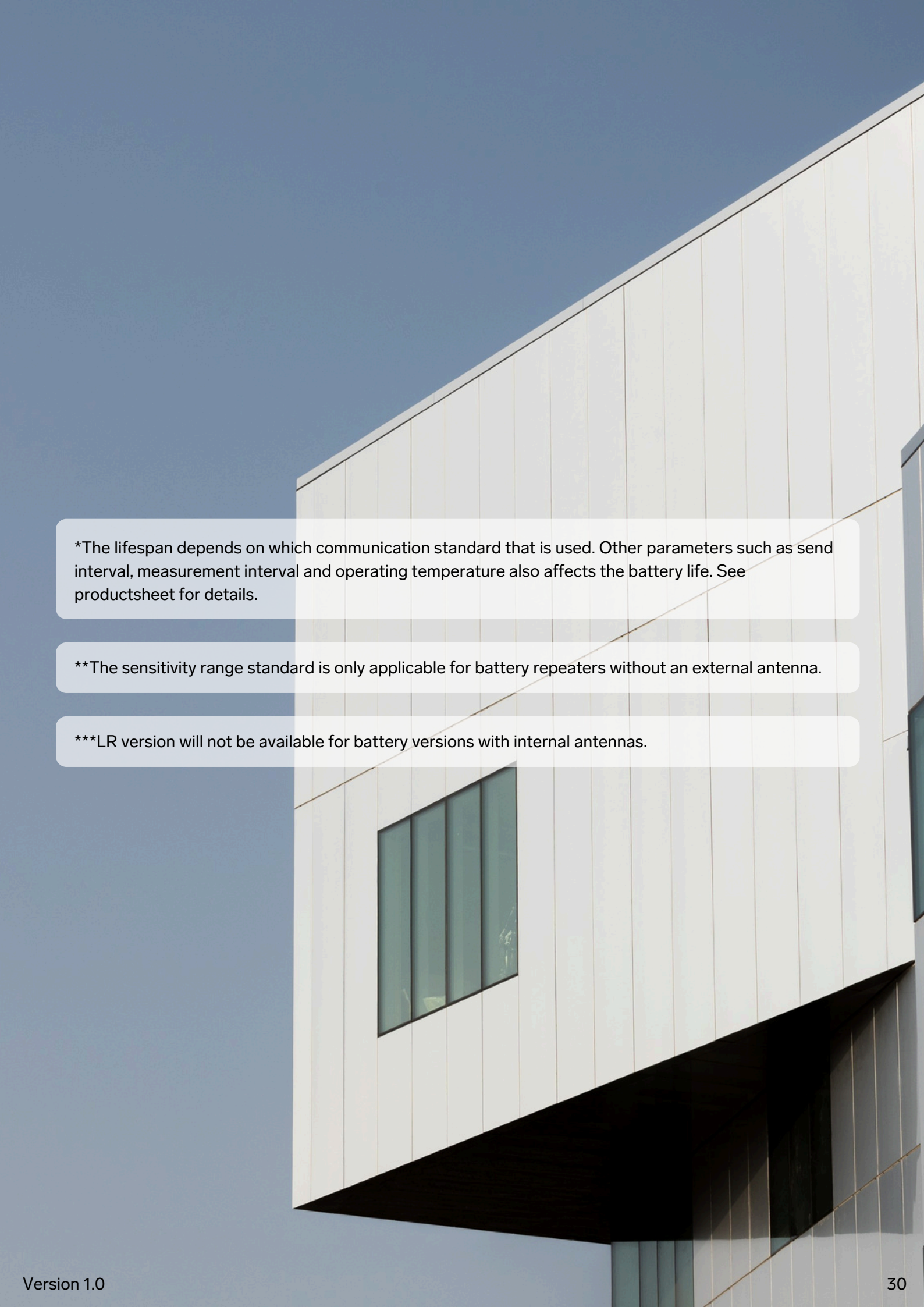
Accessories

Art. nr

LAN-SMA-2MC-L20
SMA to SMA cable for FAMP868 (20cm)



LAN-910-0002



*The lifespan depends on which communication standard that is used. Other parameters such as send interval, measurement interval and operating temperature also affects the battery life. See productsheet for details.

**The sensitivity range standard is only applicable for battery repeaters without an external antenna.

***LR version will not be available for battery versions with internal antennas.

Sales

sales@lansen.io

+46 73 969 50 38

Support

support@lansen.io

+46 35 50 520

Headquarters

+46 35 50 520

Rörkullsvägen 7 S-302 41

Halmstad, Sweden