



LR-MS-WAN

9V LoRaWAN™ Sensor Module

The LR-MS-WAN is a sensor data acquisition module. It has 1 or 4 inputs allowing it to host sensors such as temperature, soil moisture, anemometer, water meter, rain sensor, etc. Data are automatically sent to the MySOLEM platform via an antenna of the city and allow to stop the irrigation according to the min.-max. thresholds defined by the user. Ideal for remote areas or areas with low density of products.

Compatibility



Inputs

1/4

Distance to sensors

30 m

Power



Connection



Control



INSTALLATION

Rain sensor, anemometer and humidity connection
Compatible with pulse water meter (max. 499Hz)
1 PT100 temperature input (LR-MS 4 only)
Operating temperature:
-4 °F to 251 °F / -20°C to 60°C

OPERATION

100% waterproof (IP68 rated)
9V alkaline battery 6AM6 or 6LR61
Bluetooth® Smart 4.0 Low Energy
LoRaWAN™ radio communication
Internal clock backup in case of power failure < 30 s

DIMENSIONS

Width: 5.51 in / 14 cm
Height: 3.54 in / 9 cm
Depth: 2.16 in / 5,5 cm

3 years
WARRANTY



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Automated irrigation

Adapt your irrigation using the data collected by your sensors and automate the opening and closing of your valves via MySOLEM platform.



Temperature

Thanks to the dedicated input (LR-MS4-WAN only), manage your irrigated installations by setting the ideal temperature for your plants.



Soil moisture

Thanks to the 3 non-dedicated inputs, install one or more soil moisture sensors on your LR-MS-WAN, monitor data and irrigate your plants when needed.



LoRaWAN™ network

The LR-MS-WAN is compatible with any LoRaWAN™ public (requires a data subscription) or private network. Its installation does not require a SOLEM gateway.



Data synchronization

Private network: 2 sensor data acquisitions
/ 1 platform synchronization per hour.

Orange public network: 4 sensor data acquisitions
/ 2 platform synchronizations per day.



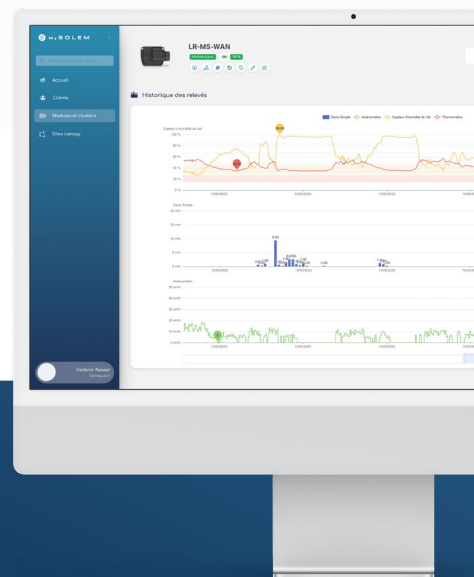
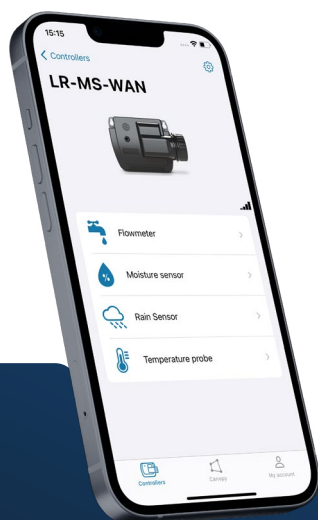
For any other network,
please contact us for a compatibility study.



MySOLEM

MAKE IT EASY

Program your irrigation easily with MySOLEM app.
Free & optimized for most devices.



For professionals, find out advanced features
on our free internet management platform at **MySOLEM.com**.