



LR-MS

9V Sensor Module

The LR MS is a battery-powered, waterproof LoRa™ sensor data acquisition module. It can connect a wide range of sensors, from weather probes (rain, humidity, anemometry and temperature) to water meters, soil moisture probes, pressure sensors, level sensors and more. Paired with a Wi-Fi or 4G gateway, access your data from anywhere. On the MySOLEM.com platform, view and retrieve your data, and even automate your watering according to your set thresholds for each sensor. Choose the version compatible with the sensors you plan on using.

Compatibility



Outputs

1/4

Power

9V 

Connection



Range to gateway

800*_{m / 875* yds}

Control

Remote



**Jusqu'à 800m de portée. Plage variable en fonction de la configuration de l'installation*

INSTALLATION

3 configurable inputs to choose from :
 • Dry contact (rain sensor, wind sensor, ...)
 • Pulse (flowmeter, wind sensor, ...)
 • Analog (0-3.5V)
 (moisture sensor, solar radiation, ...)
 1 temperature acquisition input (type Pt100)
 Operating temperature :
 from -20°C to 60°C

OPERATION

100% waterproof (IP68 Rated) 6
 AM6 or 6LR61 9V Alkaline battery
 Bluetooth® Smart 4.0 Low Energy
 LoRa™ radio communication Require association
 to a LR-MB or LR-BST-25 relay

DIMENSIONS

Width : 14 cm / 5,9 in
 Height : 9 cm / 3,54 in
 Depth : 5,5 cm / 2,16 in

3 years
 WARRANTY



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Temperature

Thanks to the dedicated input, 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 probes on your LR-MS and control and optimize the irrigation of your plant according to its needs.



Anemometer

Optimize your irrigation by stopping your watering system in case of strong winds.



Rain

Water only when necessary by connecting a rain sensor to your LR-MS. Automatically stop your watering system when it rains.



Water meter

Plug your watermeter in the LR-MS, follow your water consumption and add daily thresholds to be alerted if needed.

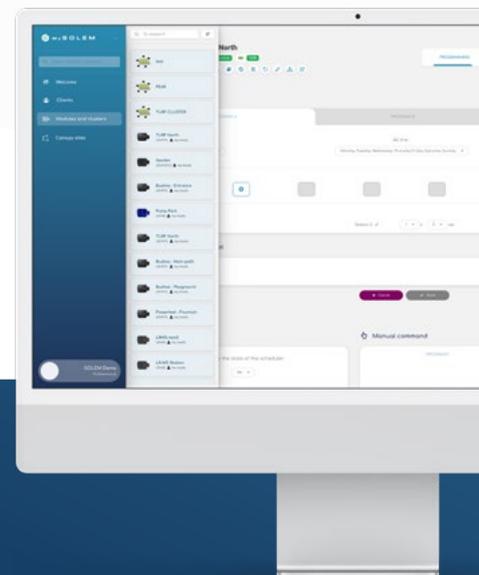


Find all compatible sensors on solem-irrigation.com



MAKE IT SIMPLE

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



Irrigation professionals can access up-to-date features on our free internet management platform at MySOLEM.com.