



SOLEM

CONNECTED GARDEN

WATERING | POOL | LIGHTING

solem-irrigation.com

2024 EDITION

FREE APPS



GARDEN IRRIGATION MADE EASY!

Program and control the watering of your garden remotely with the MySOLEM app. It is optimized with the Bluetooth® Smart V4 version available on most tablets and smartphones from the App Store or Google Play.



CONTROL YOUR HOME EXTERIOR REMOTELY

MyGARDEN allows you to control your **garden irrigation**, **outdoor pool**, and **architectural lighting** through a free and easy-to-use application. MyGARDEN is optimized with the Bluetooth® Smart V4 version, available on most tablets and smartphones. *This application is also compatible with MySOLEM.*

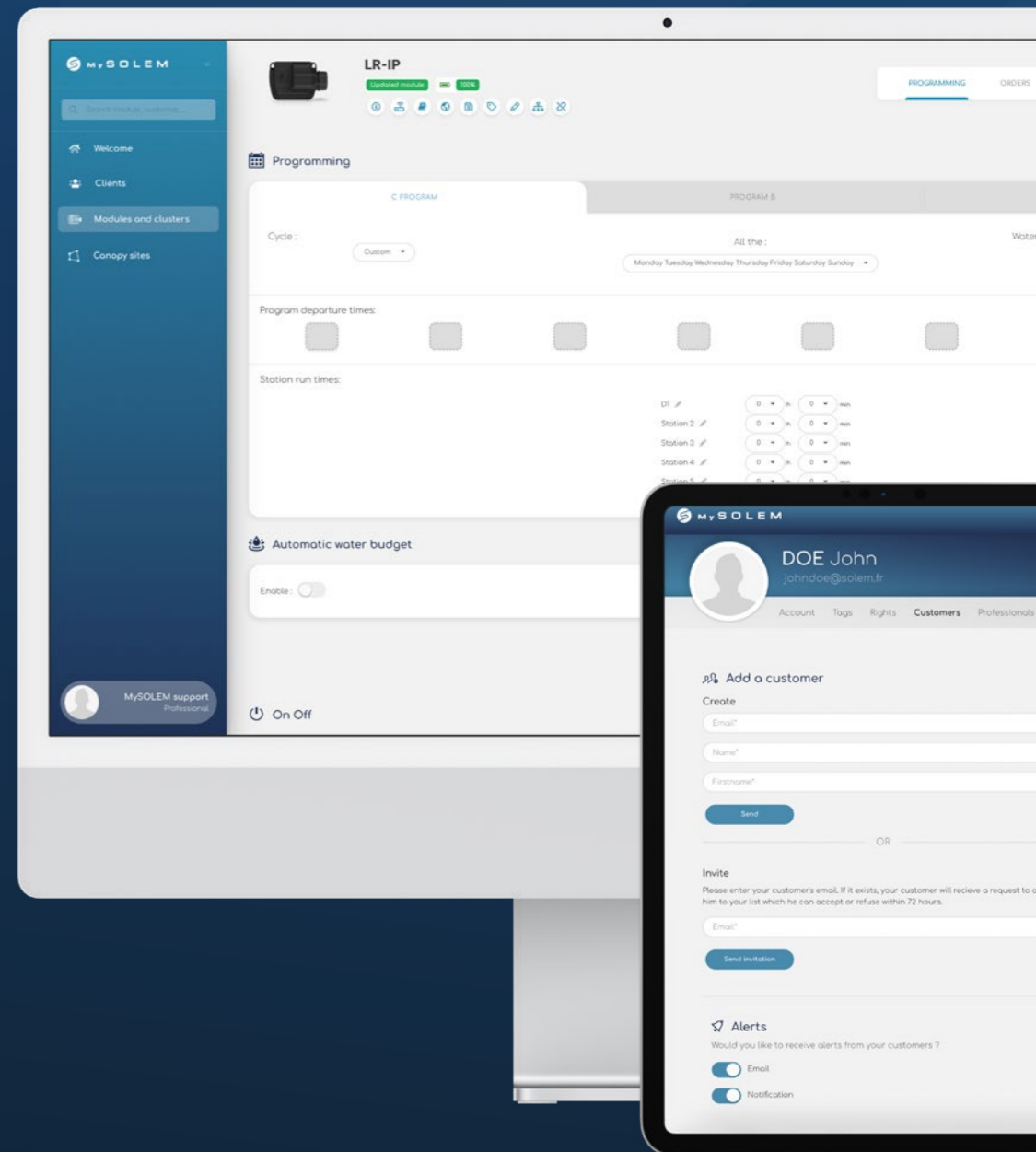


FREE ONLINE PLATFORM



AN ONLINE MANAGEMENT PLATFORM MADE BY IRRIGATION PROFESSIONALS FOR IRRIGATION PROFESSIONALS

To access additional features (not available on the apps) such as bulk orders, site management site cartography (CANOPY), and user management (Pro account), access our online platform at [MySOLEM.com](https://www.mysolem.com) from a computer. All your programs and products are automatically synchronized on real time on the online platform and the apps.



SHORT RANGE WATERING

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LONG RANGE WATERING

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CONNECTED GARDEN

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SHORT RANGE WATERING

BLUETOOTH® ONLY
CONTROLLERS FOR IRRIGATION



BL-NR

**9V Watering & Misting
Tap Timer Controller**

3-year
WARRANTY

The BL-NR is a battery-operated Bluetooth® tap timer controller that can be programmed from a smartphone using the MySOLEM app. A smart, simple solution for watering and/or misting your lawn or garden!

Compatibility



Connection



Station

1

Control

Short range

Power



Our most
user-friendly controller!

It only takes a few minutes to install.
Screw the controller onto your garden tap.
Add a dripline or oscillating sprinkler.
Insert a battery and pair the BL-NR to Bluetooth®.
Start setting up your programs!



Features

SHORT RANGE: 10m

MISTING



SCAN TO VIEW
PRODUCT SHEET





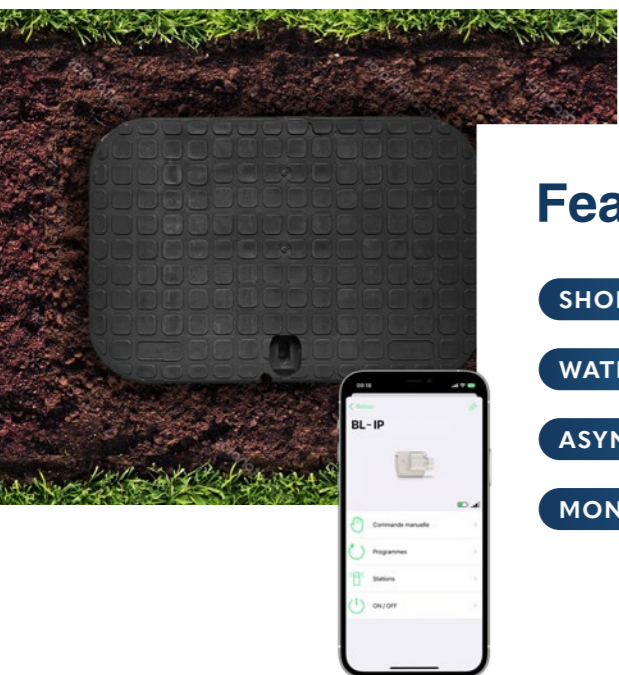
BL-IP

9V Controller

3-year WARRANTY

The BL-IP is a battery-powered, waterproof Bluetooth® watering controller capable to program 9V solenoid valves sequentially. Its use is ideal for underground installations: no need to open manholes!

Compatibility	9V	Power	9V
Input		Connection	Bluetooth®
Stations	1/2/4/6	Control	Short range



Features

SHORT RANGE: 10m

WATERPROOF

ASYNCHRONOUS MODE

MONTHLY WATER BUDGET

NEW

SCAN TO VIEW PRODUCT SHEET



WooBee

9V Controller with Screen

3-year WARRANTY

The WooBee is a battery-powered, waterproof Bluetooth® watering controller capable to program 9V solenoid valves sequentially. It also features a large display for easy use. Its water meter input enables you to take action in the event of leaks, over- or under-consumption of water.

Compatibility	9V	Power	1x9V or 4xAAA
Input	or	Connection	Bluetooth®
Stations	1/2/4/6	Control	Short range



Features

SHORT RANGE: 10m

WATERPROOF

ASYNCHRONOUS MODE

MONTHLY WATER BUDGET

NEW

WATER USE & LEAKS

SCREEN & BUTTONS

SCAN TO VIEW PRODUCT SHEET










BL-IS

AC Powered Controller

3-year WARRANTY

The BL-IS is an AC-powered Bluetooth® indoor watering controller capable to program 24VAC solenoid valves sequentially. It is ideal for indoor installations.

Compatibility	24V 	Power	24V 
Inputs		Connection	 Bluetooth®
Stations	2/4/6/9	Control	Short range 



Features

SHORT RANGE: 10m

INDOOR

ASYNCHRONOUS MODE

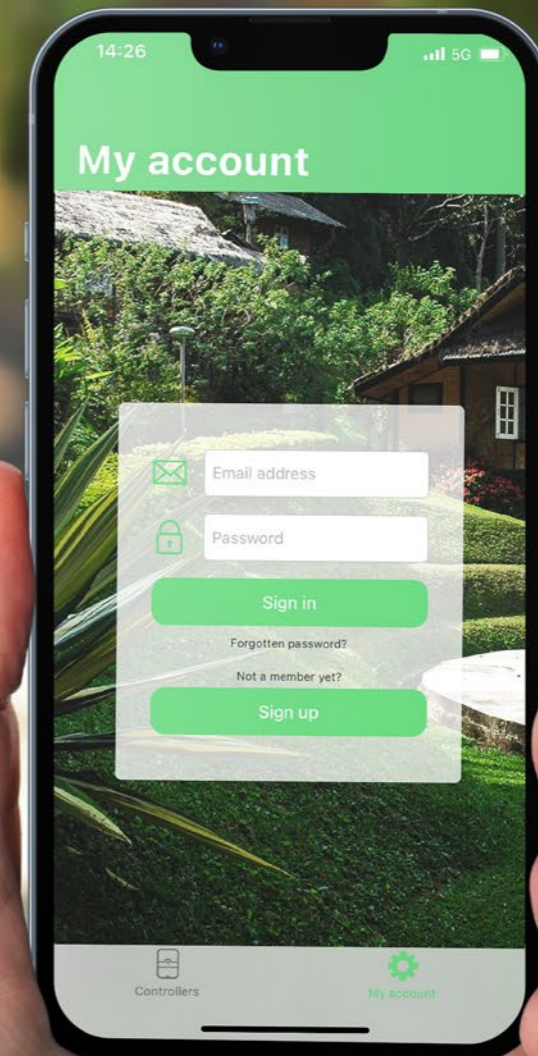
SCAN TO VIEW PRODUCT SHEET



FREE APP



DOWNLOAD OUR APP & MANAGE YOUR GARDEN!



LONG RANGE WATERING

CONTROL YOUR IRRIGATION REMOTELY VIA WIFI






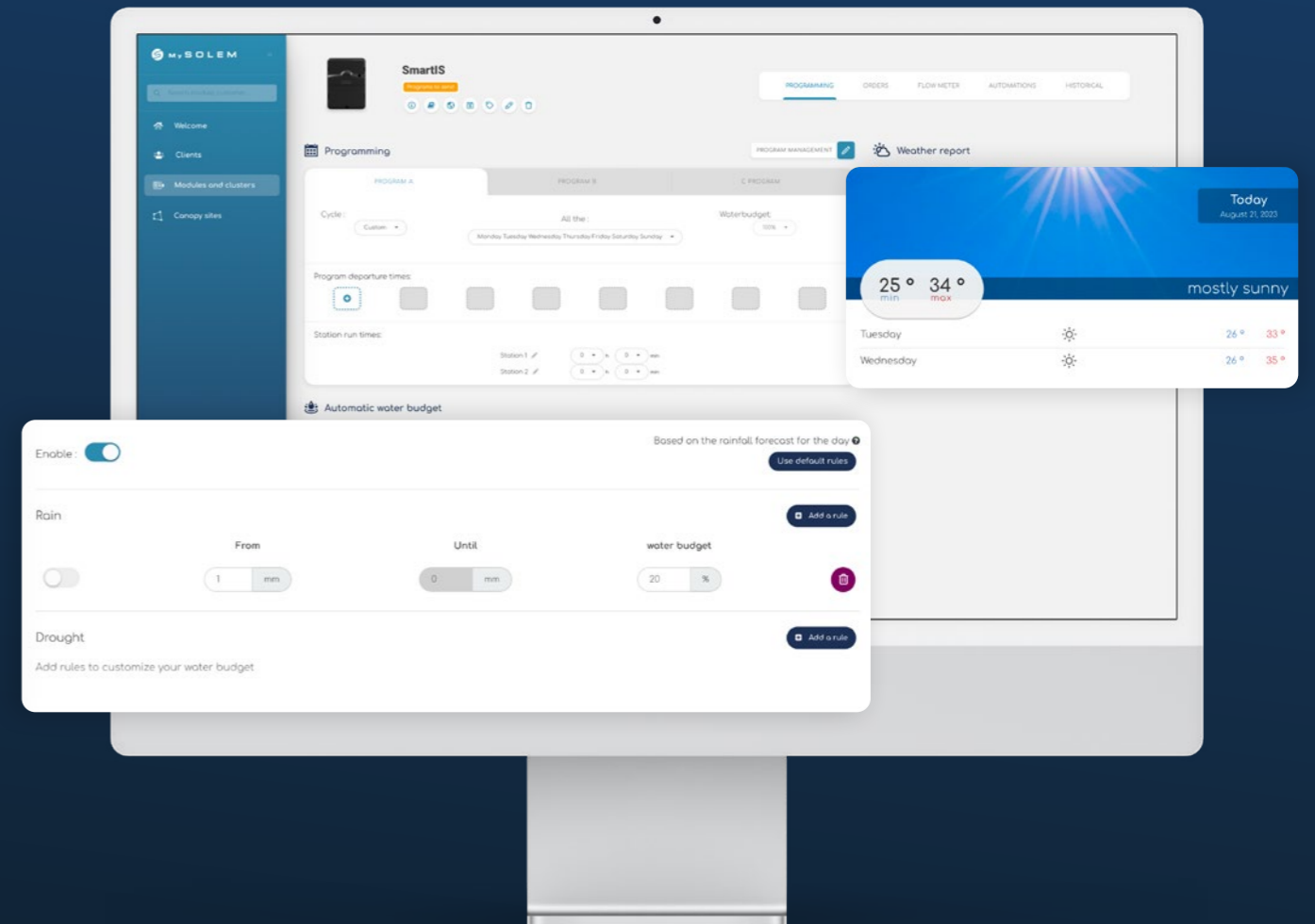
AUTOMATIC WATER BUDGET

FREE FEATURE

Automatically set your water budget according to the local weather forecast

Optimize your watering & save water!

-  Thank to its geolocation, each of your controllers can connect to the local weather forecast via the internet.
-  Define your automatic water budget activation rules (from 0 to 200%) according to rain and drought.
-  Available via the MySOLEM platform, this advanced feature checks 2 times per day (5am / 5pm) the activation of your defined rules according to the weather forecast.





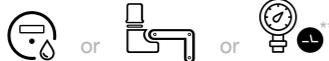




SMART-IS

AC Powered WiFi Controller

3-year WARRANTY

The SMART-IS is an AC-powered indoor Bluetooth® watering controller that connects directly to a Wi-Fi box. It can program 24VAC solenoid valves sequentially. Connected to a water meter, it enables you to monitor your water consumption and receive real-time alerts in the event of leaks, underflow or overflow.

Compatibility	24V 	Power	24 VAC 
Inputs		Connection	
Stations	2/4/6/9/12	Control	Remote 



Features

LONG RANGE

INDOOR

AUTOMATIC WATER BUDGET p.13

WATER CONSUMPTION MONITORING p.22

SCAN TO VIEW SPECIFICATIONS







NEW

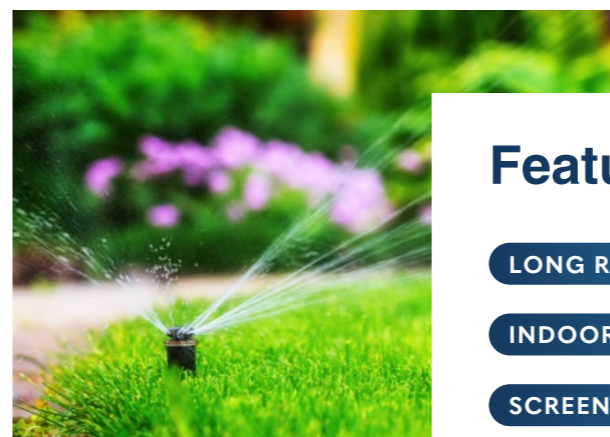
VILLA

AC Powered WiFi Controller with Screen

3-year WARRANTY

The VILLA is an AC-powered, waterproof Bluetooth® watering controller that connects directly to a Wi-Fi box. It features a large display and buttons for easy use. It can program 24VAC solenoid valves sequentially. Connected to a water meter, it enables you to monitor your water consumption and receive real-time alerts in the event of leaks, underflow or overflow.

Compatibility	24V 	Power	24 VAC 
Inputs	1	Connection	
Stations	4/6/9/12	Control	Remote 



Features

LONG RANGE

INDOOR / OUTDOOR

SCREEN & BUTTONS

AUTOMATIC WATER BUDGET p.13

WATER CONSUMPTION MONITORING p.22

SCAN TO VIEW SPECIFICATIONS





CONNECTED GARDEN

A modular & scalable product range
to control your entire garden



DOWNLOAD OUR FREE APP!



Water at the right time
thanks to connected sensors



Easily schedule your
watering remotely!



Program & automate
your outdoor lighting



Easily program
your watering remotely!



Manage & configure your
modules from anywhere!



Monitor the quality
of your pool's water



Automate your
pool's filtration



Track & automate the filling
of your water collector



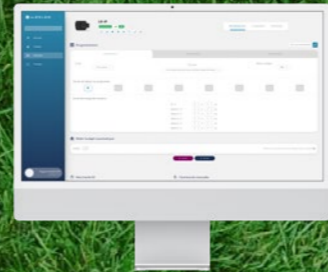
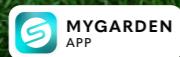
DISCOVER
OUR RANGE!



LONG RANGE WATERING

MANAGE YOUR WATERING SYSTEM FROM ANYWHERE WITH LORATM

Connect your modules using LoRa™ radio technology to create remotely operated installations with reliable and low-energy connectivity. Easily deploy SOLEM controllers in your garden with no extra wiring or power supply required.

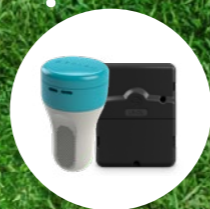


1 CONNECTED GATEWAYS

LoRa
800m

LoRa
800m

LoRa
800m



2 CONNECTED CONTROLLERS



3 CONNECTED SENSORS



4 POOL & LIGHTING



LR-MB

WiFi Indoor Gateway

3-year WARRANTY

The LR-MB is an AC-powered indoor gateway that connects through Wi-Fi. It can remotely manage 10 to 30 LoRa™ radio modules, depending on the chosen Easily transfer your programming and settings to be alerted in real-time and from anywhere!

Range to module	800* _m / 875* _{yds}	Connection	WiFi LoRa Bluetooth
Modules	10/30	Control	Remote
Power	12V		



Features

INDOOR

EXTENDABLE ANTENNA

SCAN TO VIEW SPECIFICATIONS



* Up to 800m of range. It may vary depending on the installation's configuration



800m*

LR-IP

9V Irrigation Controller

3-year WARRANTY

The LR-IP is a battery-powered, waterproof Bluetooth® and LoRa™ watering controller capable to program 9V solenoid valves sequentially. It is ideal for underground installations: no need to open manholes! It can be remotely controlled from anywhere when paired with a Wi-Fi or 4G gateway. When connected to a water meter, it monitors your water consumption and allows you to receive real-time alerts in the event of under or overflow leaks.

Compatibility	9V	Power	9V
Inputs	or or	Connection	
Stations	1/2/4/6	Control	Remote



800m*

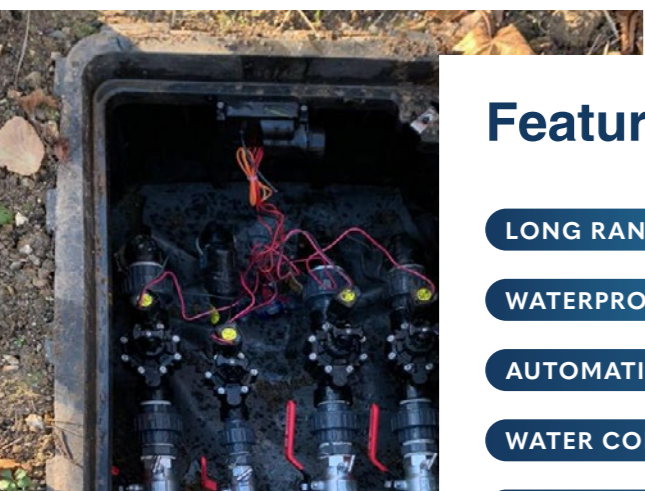
LR-IP-ECO

9V Dual Power Irrigation Controller

3-year WARRANTY

The LR-IP-ECO is a battery-powered, waterproof Bluetooth® and LoRa™ watering controller that shares the same features as the LR-IP. It also features a rechargeable battery, powered by a turbine installed on the pipe, to extend the life of the 9V battery. Thanks to the turbine, measure your daily water consumption and control the flow and leak risks.

Compatibility	9V	Power	Turbine 9V
Inputs	or or	Connection	
Stations	1/2/4/6	Control	Remote



Features

LONG RANGE

WATERPROOF

AUTOMATIC WATER BUDGET p.13

WATER CONSUMPTION MONITORING p.22

VALVE STATUS CONTROL

SCAN TO VIEW SPECIFICATIONS



* Up to 800m of range. It may vary depending on the installation's configuration



Features

LONG RANGE

WATERPROOF

AUTOMATIC WATER BUDGET p.13

WATER CONSUMPTION MONITORING p.22

INTEGRATED FLOWMETER

EXTENDED 9V BATTERY LIFE

SCAN TO VIEW SPECIFICATIONS



* Up to 800m of range. It may vary depending on the installation's configuration

WATER CONSUMPTION MONITORING

FREE FEATURE

Control your water consumption easily, from anywhere!

- Connect a water meter to your controllers to monitor your consumption and to detect leaks.
- Automatically stop your pump or master valve using the MySOLEM platform.
- Set up a threshold based on your needs.
- Stop leaks and save water.



800m*

LR-IS

AC Powered Controller

3-year WARRANTY

The LR-IS is an AC-powered Bluetooth® and LoRa™ watering controller capable to program 24VAC solenoid valves sequentially. It is ideal for indoor installations. Paired with a Wi-Fi or 4G gateway, it can be remotely controlled from anywhere.

Compatibility	24V	Power	24 VAC
Inputs	or or	Connection	Bluetooth®
Stations	2/4/6/9/12	Control	Remote



Features

LONG RANGE

INDOOR

AUTOMATIC WATERBUDGET p.13

WATER CONSUMPTION MONITORING p.22

SCAN TO VIEW SPECIFICATIONS



* Range may vary depending the installation's configuration

CONNECTED SENSORS SAVE TIME & WATER!

- ⊕ Anticipate the risk of frost or strong winds
- ⊕ Limit your water consumption according to rainfall
- ⊕ Optimize your crops with precise soil moisture measure



LR-MS + SENSORS & MySOLEM Platform

Visualize the historical data of your sensor.
Allow your data to act on your controllers.



Water meter

Increase water savings by connecting a water meter to your controllers (WooBee, SMART-IS, LR-IP & LR-IS). Be alerted in case of overconsumption, underconsumption or leak. With the LR-MS, view and control your daily water consumption in real time.



Soil moisture

Connect a moisture sensor (Vegetronix VH400, SMT 50, DECAGON EC5 or EC10) to collect soil moisture data and optimize the amount of water required by your garden and green spaces. View your data in real time on the MySOLEM platform.



Temperature

Connect the PT100 temperature sensor to the LR-MS(4) dedicated input to automate the watering of your garden according to temperature.



Level NEW

Connected to an LR-MS, Type 712 level probes measure the water level in water tanks up to 10m. Easily automate tank filling.



Rainfall

Connect the Honde or Davis rain sensor to an LR-MS module to measure rainfall and avoid unnecessary watering when it rains.

[Find our full range of sensors on solem-irrigation.com](https://solem-irrigation.com)



⊕ Create your own weather station

with a LR-MS-4, a temperature sensor, a rainfall sensor, a humidity sensor and an anemometer



How to choose your sensor module?

SCAN TO VIEW THE COMPATIBILITY BETWEEN OUR SENSOR MODULES AND PROBES



INSTALL A SENSOR WITH MYSOLEM





LR-MS

9V Sensor Module

3-year WARRANTY

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 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 LR-MS version compatible with the sensors you plan on using.

Compatibility		Connection	
Inputs	1 / 4	Distance to sensor	30 m / 33 yds
Power	9V	Control	Remote



LR-MS-ECO

9V Dual Power Sensor Module

3-year WARRANTY

The LR-MS-ECO is a battery-powered, waterproof LoRa™ sensor data acquisition module that shares the same features as the LR-MS. It also features a rechargeable battery powered by a photovoltaic panel to extend the life of the 9V battery. Paired with a Wi-Fi gateway, access your data from anywhere.

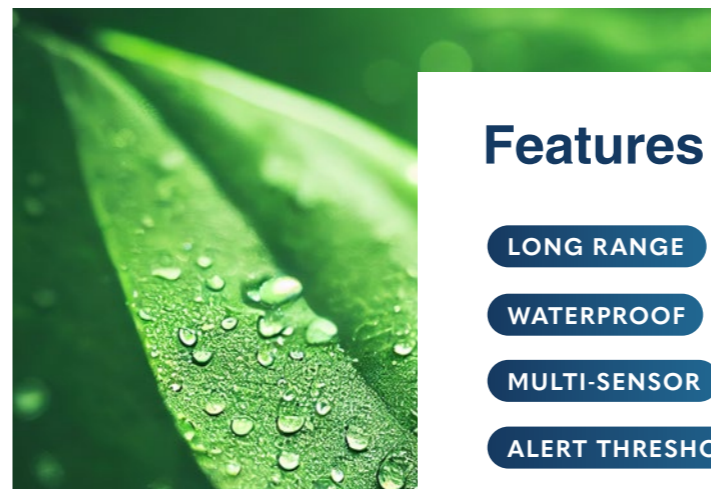
Compatibility		Connection	
Inputs	1 / 4	Distance to sensor	30 m / 33 yds
Power	9V	Control	Remote



Features

- LONG RANGE
- WATERPROOF
- MULTI-SENSOR
- ALERT THRESHOLDS
- DATA EXPORT

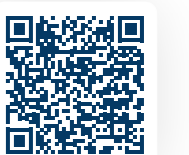
SCAN TO VIEW SPECIFICATIONS



Features

- LONG RANGE
- WATERPROOF
- MULTI-SENSOR
- ALERT THRESHOLDS
- DATA EXPORT
- EXTENDED 9V BATTERY LIFE

SCAN TO VIEW SPECIFICATIONS





POOL BOX LT

AC Powered Filtration Controller & Pool Analyser

3-year WARRANTY

The POOL BOX LT is an AC-powered, LoRa™ connected control module which, when installed in the equipment room, automatically manages filtration times and monitors the quality of your pool water. Paired with a WiFi gateway (LR-MB type) and equipped with high-quality sensors, it monitors in real time treatment parameters (pH, disinfectant, temperature, filtration time) and alerts you in the event of water imbalance.

Compatibility	Filtration pump	Connection	LoRa™ Bluetooth®
Input		Alerts and recommendations	
Power	230V 50Hz	Control	Remote



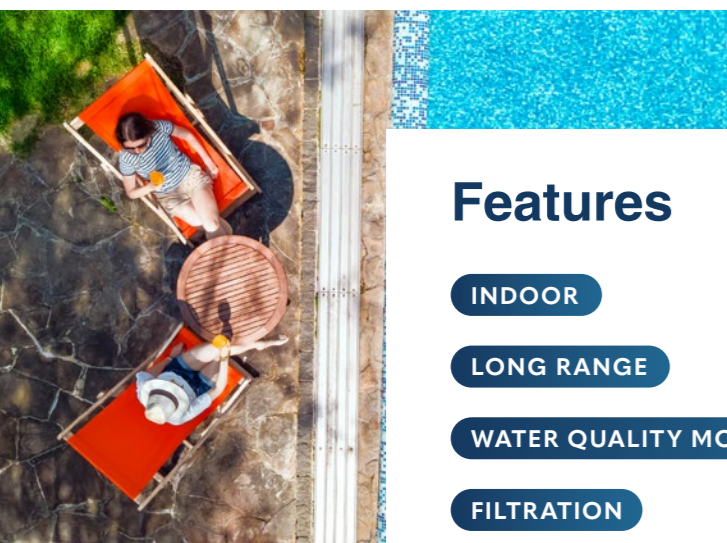
POOL SENSE

9V Connected Floating Pool Analyser

3-year WARRANTY

POOL SENSE is a floating, battery-powered Bluetooth® and LoRa™ connected analyzer that monitors your pool's water quality (pH, chlorine, temperature). It advises you and alerts you when necessary, so you can enjoy your pool peacefully. Pair it with a Wi-Fi gateway to access your data.

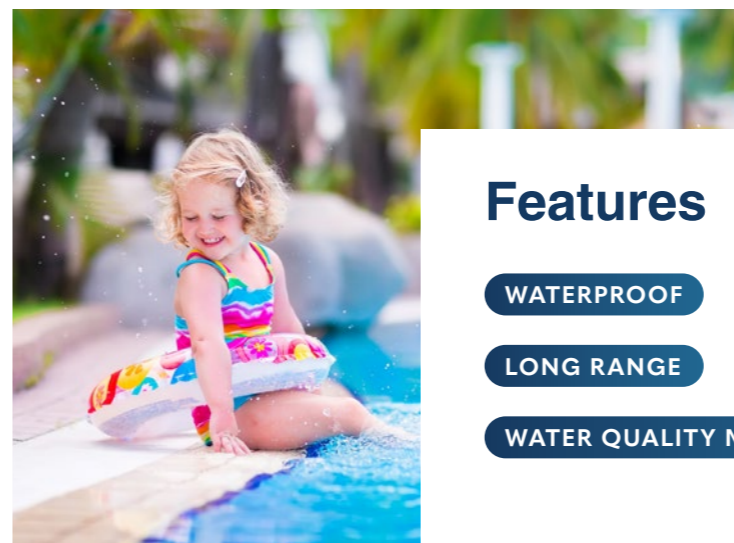
Water temperature		Connection	LoRa™ Bluetooth®
pH measurement		Alerts and recommendations	
Chlorine level		Control	Remote



Features

- INDOOR
- LONG RANGE
- WATER QUALITY MONITORING
- FILTRATION
- AUTOMATION

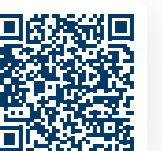
SCAN TO VIEW SPECIFICATIONS



Features

- WATERPROOF
- LONG RANGE
- WATER QUALITY MONITORING

SCAN TO VIEW SPECIFICATIONS



indygo

The Connected Pool

Discover INDYGO's range of modular & scalable solutions for pools on indygo-pool.com



AUTOMATE YOUR OUTDOOR LIGHTING






LR-OL

AC Powered Lighting & Electrical Controller

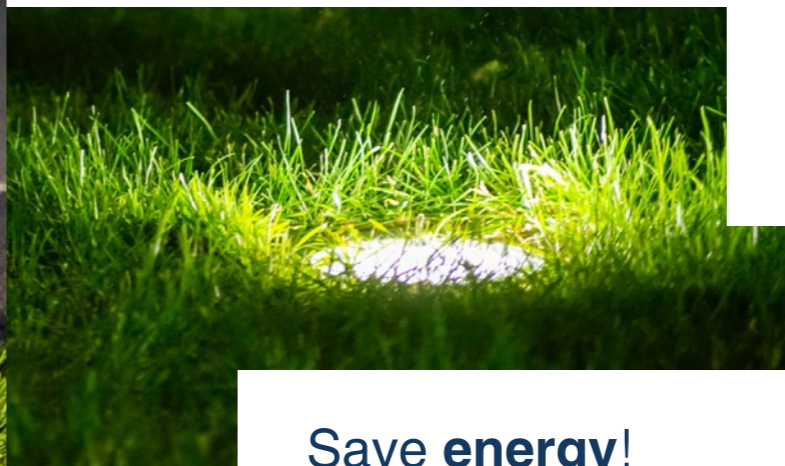
3-year WARRANTY

The LR-OL is a battery-powered Bluetooth® and LoRa™ relay module capable of programming up to 4 distinct lighting and garden automation zones: garden lighting, pump, fountain lighting, and more. Combined with a Wi-Fi gateway (type LR-MB), it can be controlled remotely from anywhere.

Compatibility	  	Connection	 
Line	4	Control	Remote    
Power	24 VAC 		

Simulate your presence in your absence

Program your lights to switch on and off so people think someone's home.



Save energy!

Create an intelligent lighting program for different zones to avoid leaving lights on unnecessarily.

SCAN TO VIEW SPECIFICATIONS



Quality products & services

SOLEM is committed to provide a secure and efficient service.



APPLICATION & PLATFORM

Free and available 24/7* to manage any SOLEM product remotely.



MODULAR SYSTEM

Ability to handle an unlimited amount of products.



DATA PROTECTION

Our servers are managed by SOLEM exclusively. SOLEM guarantees that your data is secured and will never be shared with third parties.



DATA BACKUP

A backup is generated every 6 hours to limit the risk of data loss.



TECHNICAL SUPPORT

Our experts are at your service to advise you on your irrigation projects.



3-YEAR WARRANTY

All SOLEM products have a 3-year warranty (with the exception of accessories and spare parts).

Useful links



App
MySOLEM



App
MyGARDEN



Platform
MySOLEM.com



Website
solem-irrigation.com



E-learning platform
support.mysolem.com

*About 12 hours of maintenance per year.

LEARN BY YOURSELF VIA OUR E-LEARNING ONLINE PLATFORM!



Installation
video tutorials



MySOLEM
video tutorials

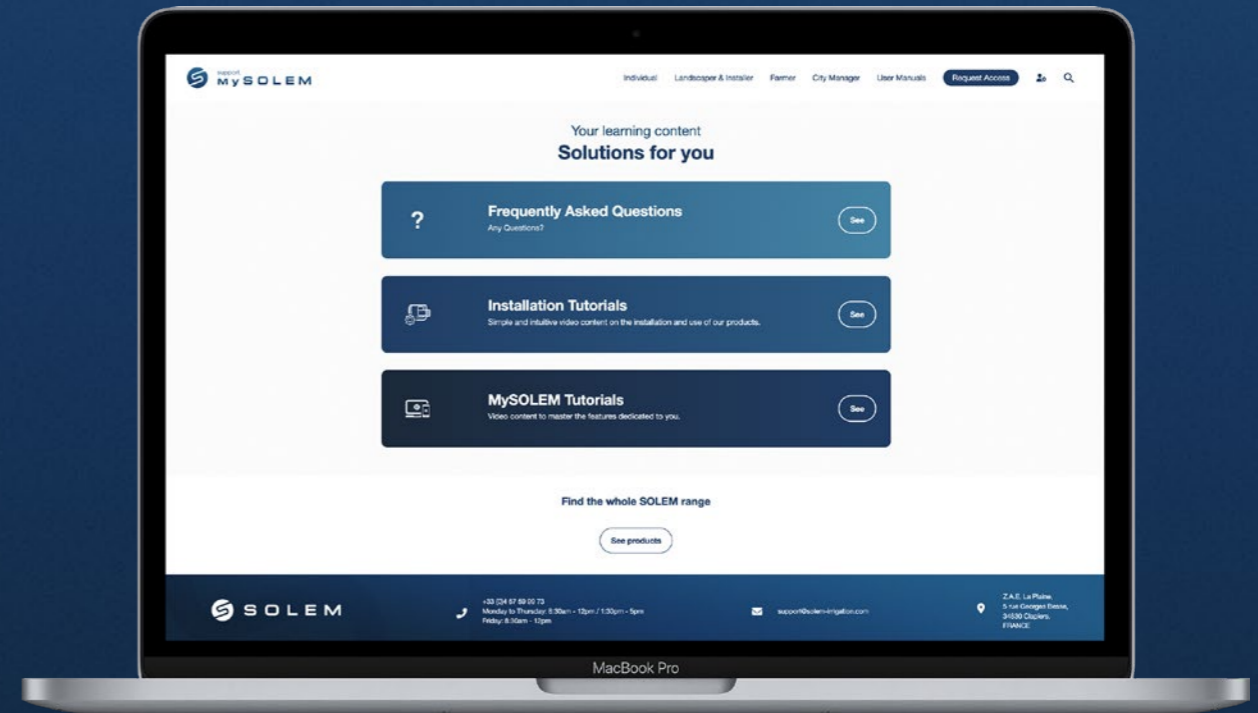


FAQ



Product
documentation

support.mysolem.com



SCAN & DISCOVER!



















Request professional access

1. Go to <https://support.mysolem.com/en>.
2. Click « Request Access » at the upper right corner.
3. Click « Login with MySOLEM ».
4. Login via MySOLEM & fill in the form.
5. Validation of your access within 2 working days.



OUR PRODUCT RANGE



	Application						Communication			Power			Inputs/Outputs/ Number of stations		
	Internet gateway	Watering	Water meter	Pressure switch	Sensors	Lighting	Pool	Bluetooth®	Wi-Fi	LoRa™	ANTI-THEFT	9V battery		4xAAA batteries	230V AC power
Close-range management, battery or AC powered															
		•						•			•	•		1 station	
		•	•					•			•	•	•	1-2-4-6 stations	
		•						•			•	•		1-2-4-6 stations	
		•						•			•		•	2-4-6-9 stations	
Remote access using Wi-Fi, AC powered															
		•	•	•				•	•		•		•	2-4-6-9-12 stations	
		•	•	•				•	•		•		•	2-4-6-9-12 stations	
Connected garden, remote access, long range, battery or AC powered															
	•							•	•	•	•			•	10 ou 30 modules
		•	•	•				•		•	•	•			1-2-4-6 stations
		•	•	•				•		•	•	•			1-2-4-6 stations
		•	•	•				•		•	•		•		2-4-6-9-12 stations
			•		•			•		•	•	•			1 temperature-dedicated input + 3 sensors or water meter inputs
			•	•	•			•		•	•	•	•		
						•		•		•	•			•	4 inputs / outputs
							•	•		•			•		1 input filtration pump
							•	•		•			•		-

Lexicon: BL: Bluetooth® LR: LoRa™ IP: 9V Battery IS: AC power OL: Outside Lighting NR: Mistng Tap Timer MB: Mother Board MS: Sensor Module PM: Pump Management PR: Pressure



SOLEM

CONTACT

To find out more about our different product ranges please contact us. Our team will be happy to help!

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commercial@solem-irrigation.com | + 33 (0)4 67 59 99 75

SOLEM is also an **expert**
in **connected solutions** for:



MUNICIPALITY



AGRICULTURE

solem-irrigation.com



ISO 9001 certification, version 2015, for the design, industrialization, manufacturing, sale and customer care of connected electronic products

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