



SOLEM

CONNECTED GARDEN

WATERING | POOL | LIGHTING

solem-irrigation.com

2025 EDITION

FREE APPS



GARDEN IRRIGATION MADE EASY!

Program and control the watering of your garden remotely with the MySOLEM app.



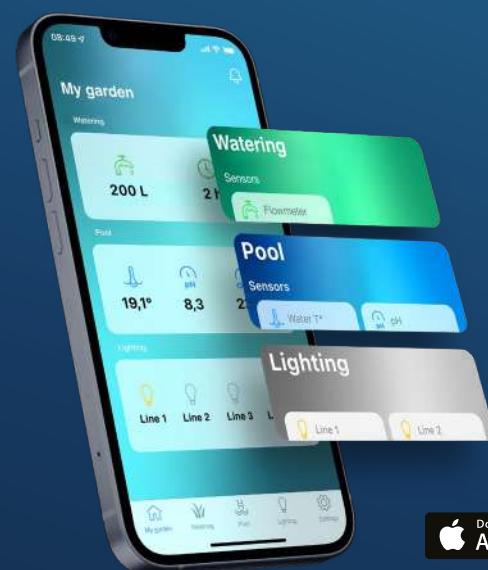
To discover in 2025

Activate the Eco Mode during the winter season to extend the life of your batteries. You can increase it even more by activating it during the watering season too.



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. This application is also compatible with MySOLEM.

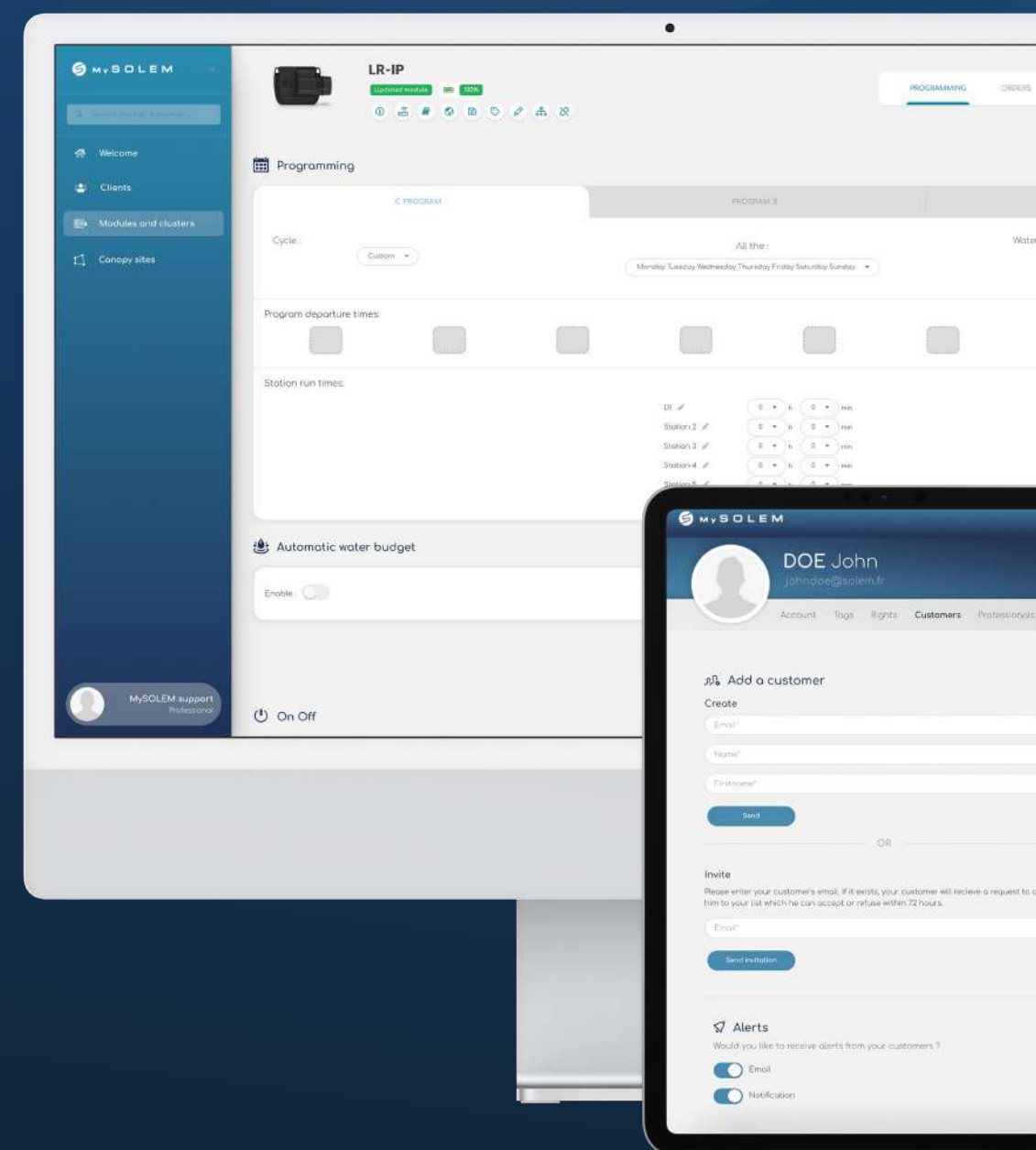


FREE ONLINE PLATFORM



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 Bluetooth™

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LR-OL

AC Powered Automation Controller

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 and simple solution for watering and/or misting your lawn or garden!

Compatibility		Connection	 Bluetooth®
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: 30ft
- WATERING
- MISTING

SCAN TO VIEW
SPECIFICATIONS












BL-IP

9V Controller

3-year
WARRANTY

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

Compatibility	DCL 9V Range and solenoid: 100 ft 	Power	
Input: 1		Connection	
Stations	1/2/4/6	Control	Short range   

Features

Product

- SHORT RANGE: 30ft
- WATERPROOF



MySOLEM

- ASYNCHRONOUS MODE
- MONTHLY WATER BUDGET

SCAN TO VIEW
SPECIFICATIONS













WooBee

9V Controller with Screen

3-year
WARRANTY

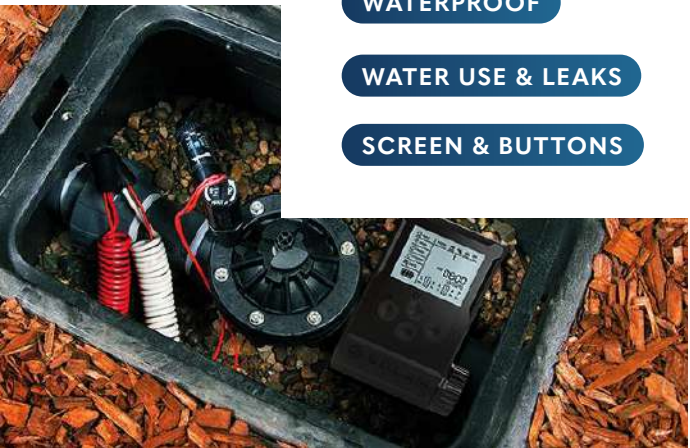
The WooBee is a battery-powered, waterproof Bluetooth® watering controller capable of programming 9V solenoid valves sequentially. It also features a large display for easy use. Its water meter input enables you to take action in the event of leaks, over- or under-consumption of water.

Compatibility	DCL 9V Range and solenoid: 100 ft 	Power	ECO MODE 	1x9V or 4xAAA  
Input: 1	 or 	Connection		
Stations	1/2/4/6	Control	Short range	  

Features

Product

- SHORT RANGE: 30ft
- WATERPROOF
- WATER USE & LEAKS
- SCREEN & BUTTONS



MySOLEM

- ECO MODE p.2
- ASYNCHRONOUS MODE
- MONTHLY WATER BUDGET

SCAN TO VIEW
SPECIFICATIONS










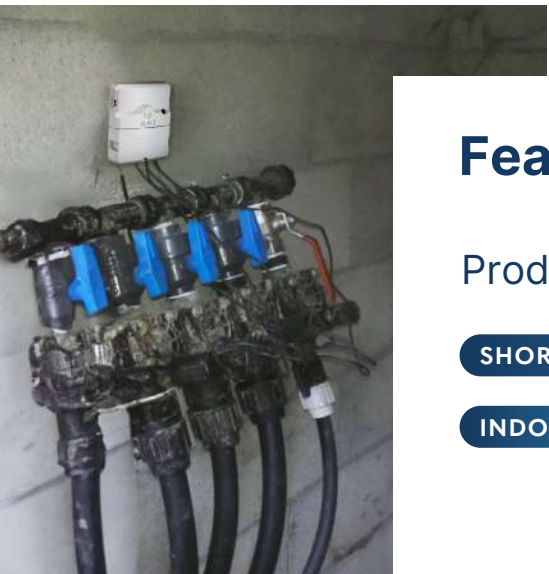
BL-IS

AC Powered Controller

3-year
WARRANTY

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

Compatibility	24V 	Power	120 V - 60 Hz 
Input: 1		Connection	 Bluetooth®
Stations	2/4/6/9	Control	Short range 



Features

Product

SHORT RANGE: 30ft

INDOOR

MySOLEM

ASYNCHRONOUS MODE

SCAN TO VIEW
SPECIFICATIONS

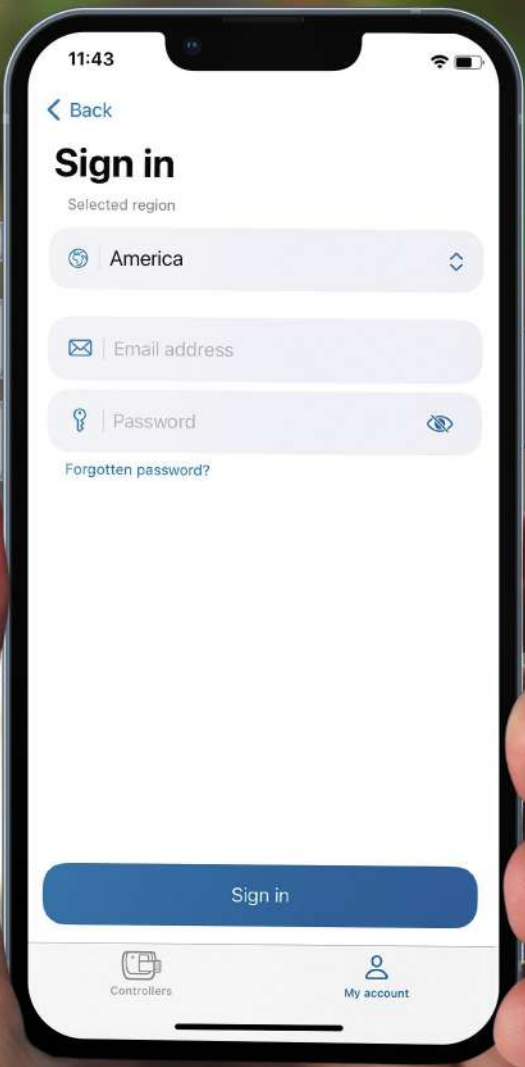


 MySOLEM

FREE APP



DOWNLOAD THE NEW VERSION & ENJOY YOUR GARDEN!



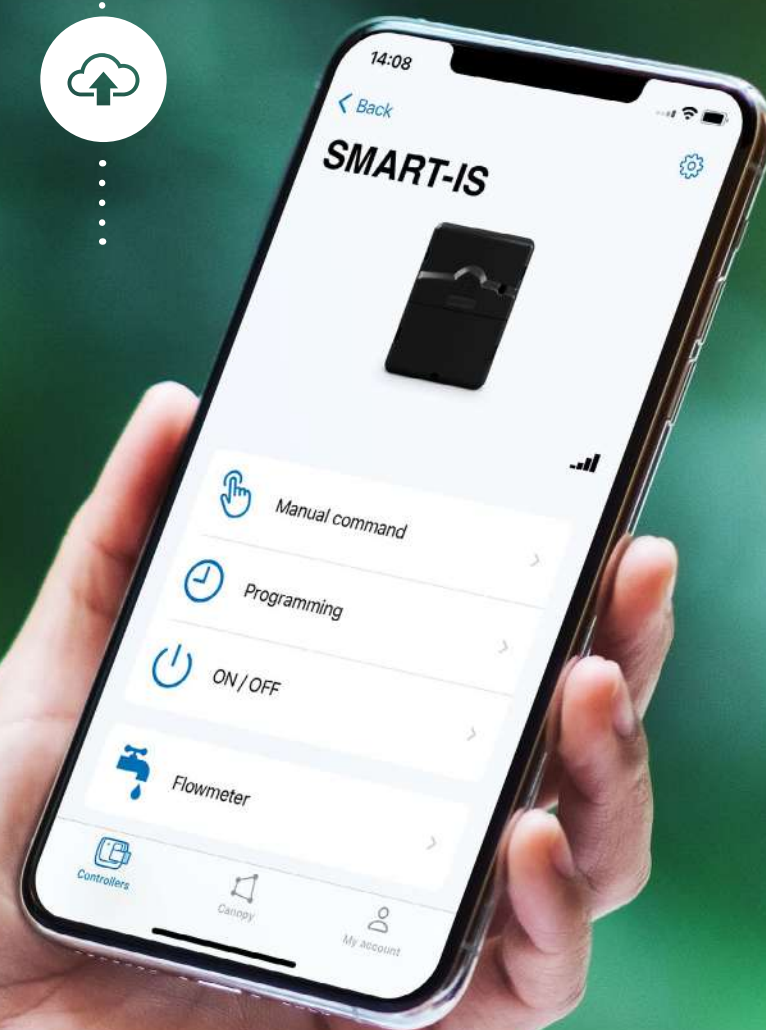
REMOTE WATERING

CONTROL YOUR IRRIGATION REMOTELY WITH WIFI

ON/OFF



CLOUD



AUTOMATIC WATER BUDGET

FREE FEATURE

Automatically set your water budget according to the local weather forecast

Optimize your watering
& **save water!**



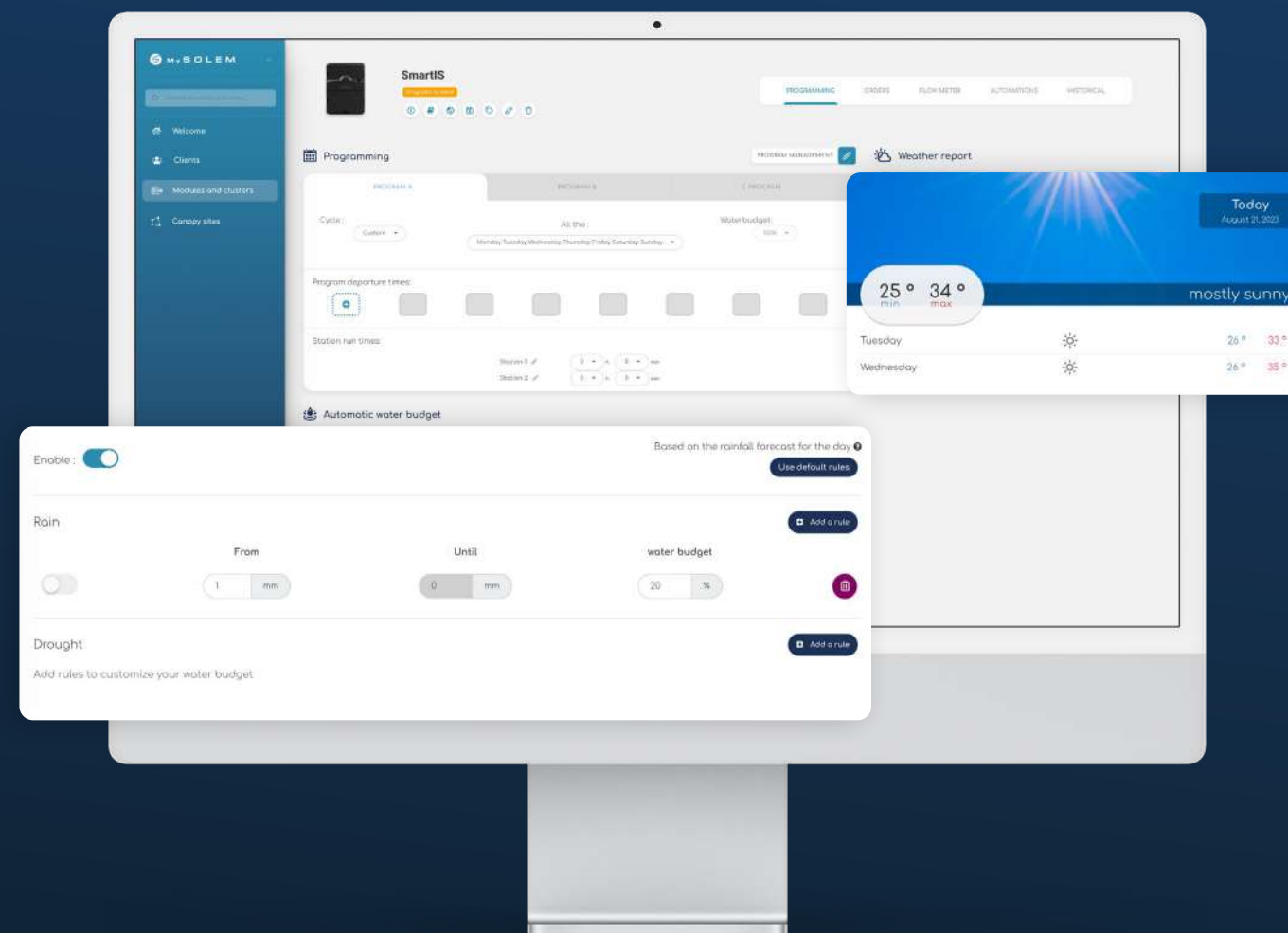
Thanks to its geolocation, each of your controllers can connect to the local weather forecast via the internet.



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 the activation of your defined rules according to the weather forecast twice daily at 5 AM and 5 PM.
















SMART-IS

AC Powered WiFi Indoor Controller

3-year WARRANTY

The SMART-IS is an AC-powered indoor Bluetooth® watering controller that connects directly to WiFi. 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	120 V - 60 Hz 
Input: 1	 or  or 	Connection	 Bluetooth®  WiFi
Stations	2/4/6/9/12	Control	Remote    














NEW

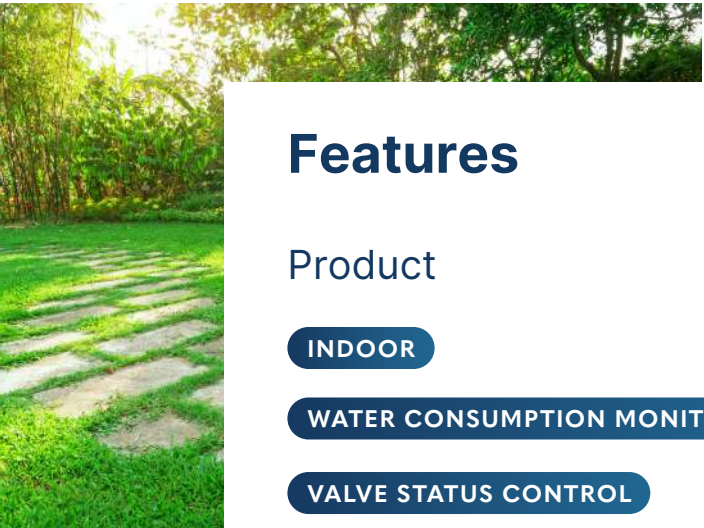
VILLA

AC Powered WiFi Outdoor Controller

3-year WARRANTY

The VILLA is an AC-powered outdoor Bluetooth® watering controller that connects directly to WiFi. 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. The WAGO-type connectors make it easy to install.

Compatibility	24V 	Power	120 V - 60 Hz 
Inputs: 2	 or  or 	Connection	 Bluetooth®  WiFi
Stations	4/6/9/12	Control	Remote    



Features

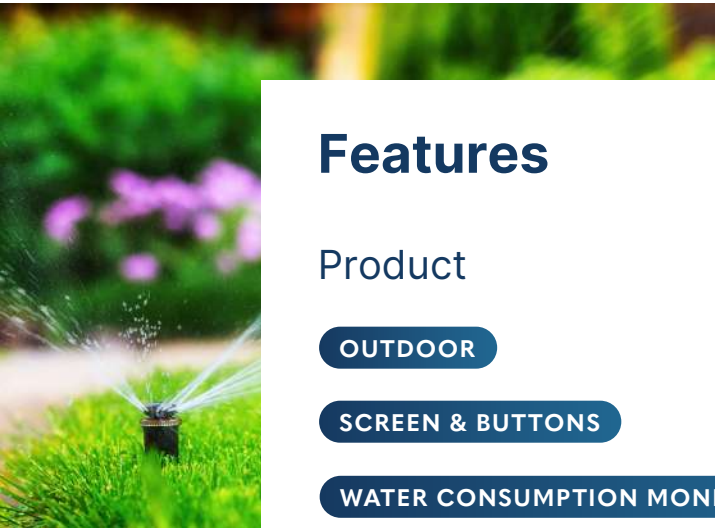
Product

- INDOOR
- WATER CONSUMPTION MONITORING p.24
- VALVE STATUS CONTROL

MySOLEM

- AUTO. WATERBUDGET p.13

SCAN TO VIEW SPECIFICATIONS



Features

Product

- OUTDOOR
- SCREEN & BUTTONS
- WATER CONSUMPTION MONITORING p.24
- VALVE STATUS CONTROL

MySOLEM

- AUTO. WATERBUDGET p.13

SCAN TO VIEW SPECIFICATIONS



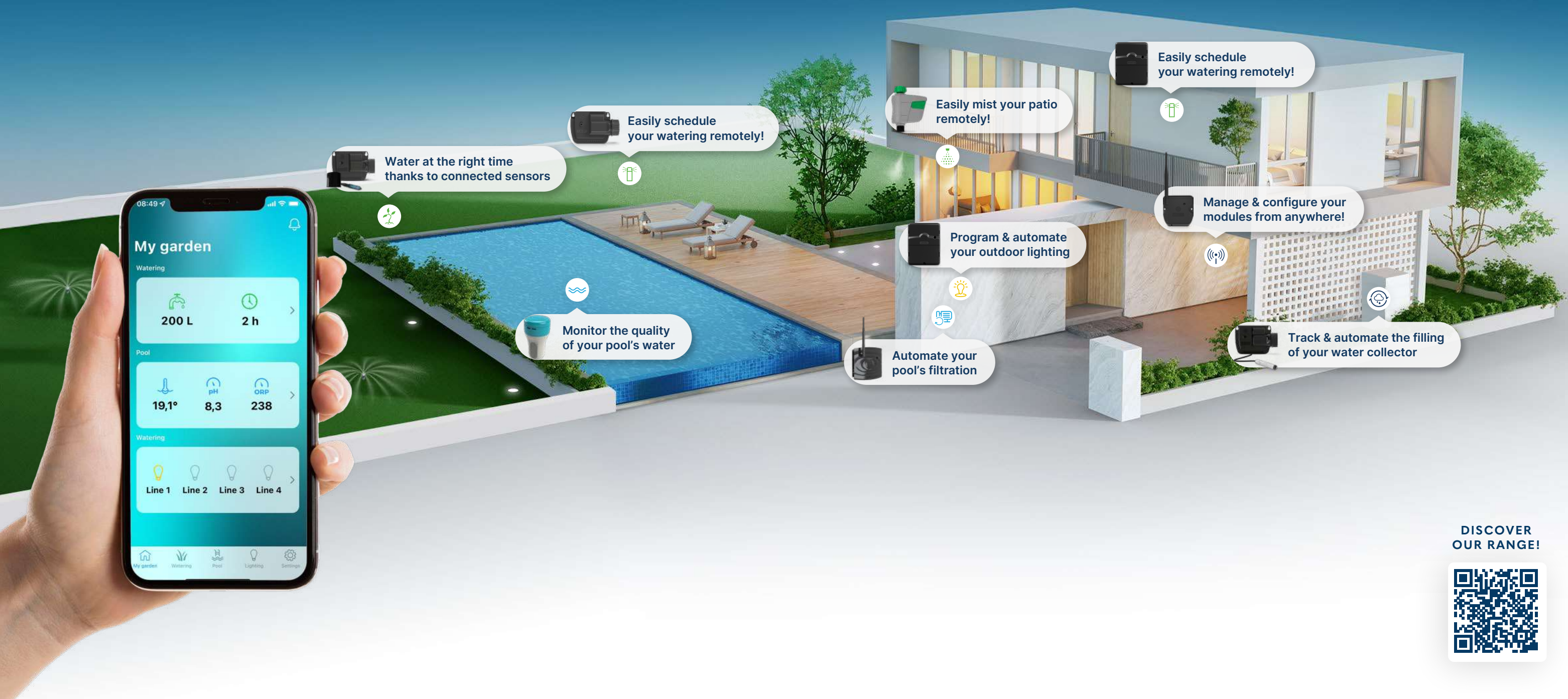


CONNECTED GARDEN

A **modular & scalable** product range
to **control your entire garden**



DOWNLOAD OUR FREE APP!



DISCOVER
OUR RANGE!



REMOTE WATERING

MANAGE YOUR WATERING SYSTEM
FROM ANYWHERE WITH LORA™

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.








LR-MB

WiFi Indoor Gateway

3-year
WARRANTY

The LR-MB is an AC-powered indoor gateway that connects through WiFi. 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	0.5* miles radius	Connection	WiFi LoRa Bluetooth®
Modules	10/30	Control	Remote    
Power	120 V - 60 Hz		



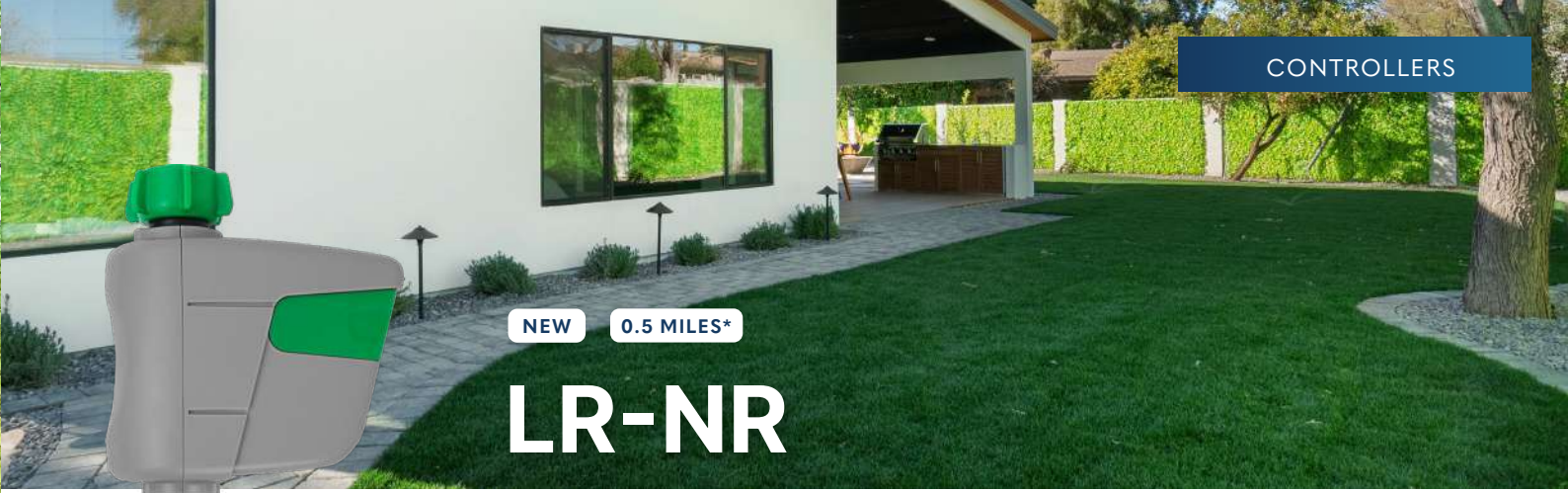
Features

- INDOOR
- EXTENDABLE ANTENNA

SCAN TO VIEW
SPECIFICATIONS



* Range up to 0.5 miles radius or 1 mile total. It may vary depending on the installation's configuration.









NEW 0.5 MILES*

LR-NR

9V Watering & Misting Tap Timer Controller

3-year
WARRANTY

The BL-NR is a battery-operated Bluetooth® and LoRa™ tap timer controller that can be programmed from a smartphone using the MySOLEM app. Water your lawn and vegetables or mist your patio remotely!

Compatibility		Connection	 
Station	1	Control	Remote    
Power	ECO MODE 		9V

Program your watering
from anywhere!



Features

Product

- LONG RANGE
- WATERING
- MISTING

MySOLEM

ECO MODE p.2

SCAN TO VIEW
SPECIFICATIONS



* Range up to 0.5 miles. It may vary depending on the installation's configuration.















0.5 MILES*

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 WiFi or a 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	DCL9V 	Power	ECO MODE  
Input: 1	 or  or 	Connection	 
Stations	1/2/4/6	Control	Remote    



0.5 MILES*













ECO RANGE

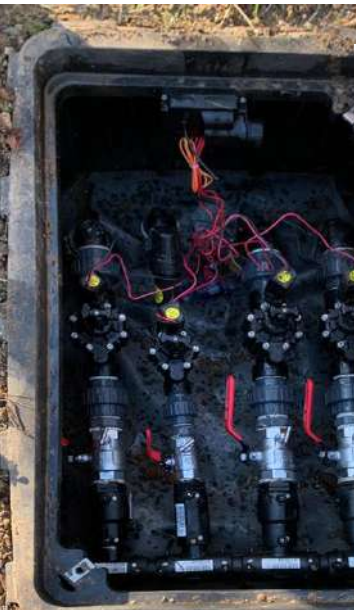
LR-IP-ECO KIT

9V Irrigation Controller with Built-In Flowmeter

3-year
WARRANTY

The LR-IP-ECO KIT is a battery-powered, waterproof Bluetooth® and LoRa™ watering controller that shares the same features as the LR-IP. It features a flowmeter that measures your water consumption, monitors your flow rate and detects the risk of leaks. Finally, the turbine is designed to recharge the module's built-in battery, tripling the life of the 9V battery.

Compatibility	DCL9V 	Power	ECO MODE   + 
Input: 1	 or 	Connection	 
Stations	1/2/4/6	Control	Remote    



Features

Product

- LONG RANGE
- WATERPROOF
- WATER CONSUMPTION MONITORING p.24
- VALVE STATUS CONTROL

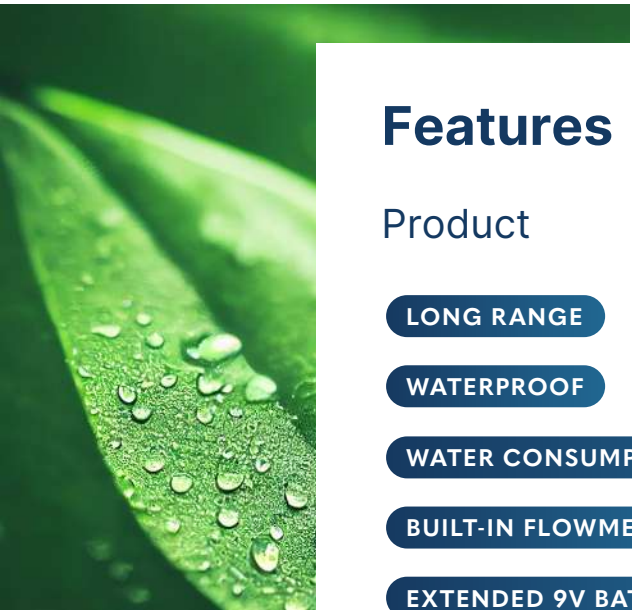
MySOLEM

- ECO MODE p.2
- AUTO. WATERBUDGET p.13

SCAN TO VIEW SPECIFICATIONS



* Range up to 0.5 miles. It may vary depending on the installation's configuration.



Features

Product

- LONG RANGE
- WATERPROOF
- WATER CONSUMPTION MONITORING
- BUILT-IN FLOWMETER
- EXTENDED 9V BATTERY LIFE

MySOLEM

- ECO MODE p.2
- AUTO. WATERBUDGET p.13

SCAN TO VIEW SPECIFICATIONS



* Range up to 0.5 miles. It may vary depending on the installation's configuration.

Control your water consumption easily, from anywhere!

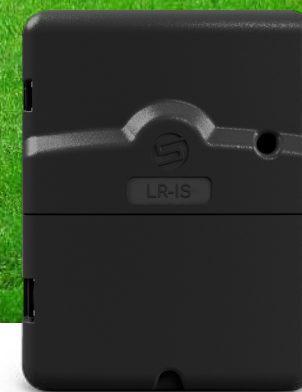
- Connect a water meter to your controllers to monitor your consumption and detect leaks.
- Automatically stop your pump or master valve using the MySOLEM platform.
- Set up a threshold based on your needs.
- Stop leaks and save water.



CLOUD



ON/OFF



0.5 MILES*

LR-IS

AC Powered Controller

3-year
WARRANTY

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

Compatibility

24V



Power

120 V - 60 Hz



Input: 1



or



or



Connection



Stations

2/4/6/9/12

Control

Remote



Features

Product

LONG RANGE

INDOOR

WATER CONSUMPTION MONITORING p.24

MySOLEM

AUTO. WATERBUDGET p.13

SCAN TO VIEW
SPECIFICATIONS


* Range up to 0.5 miles. It may vary depending on the installation's configuration.

CONNECTED SENSORS

SAVE TIME AND WATER!



Anticipate the risk of frost or strong winds



Limit your water consumption according to rainfall



Optimize your garden watering with precise soil moisture measurement

LR-MS + SENSORS & MySOLEM Platform

Visualize the data history of your sensors and use it to automate your watering.

SENSORS



Water meter

Save water with real-time alerts in case of water leaks, overflow or underflow. Monitor and control your water consumption in real time.

with pulse emitter



Soil moisture

Collect your soil moisture data and optimise the amount of water your green spaces need. Provide the right amount of water at the right time. View your data in real time on the MySOLEM platform.

VH400



Temperature

Automate your watering according to temperature. Compatible only with a 4-input LR-MS.

PT100



Level

NEW

Measure the water level in your tank (retention tank, lake, pond, etc.) and automate its filling or your watering.

712 HUBACONTROL



Rainfall

Measure rainfall and avoid unnecessary watering when it rains.

HONDE Rain gauge

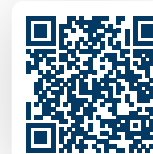


Find all our sensors on solem-irrigation.com



+ Create your own weather station

with a LR-MS-4 + temperature sensor
+ a rain gauge + an anemometer + a humidity sensor



How to choose your sensor modules?

SCAN TO VIEW THE COMPATIBILITY BETWEEN OUR SENSOR MODULES AND PROBES



VIEW TUTORIAL
HOW TO 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 connects to 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 WiFi 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	
Sensor inputs	1 / 4	Distance to sensor	100 fts
Power	ECO MODE	Control	Remote

Features

Product

- LONG RANGE
- WATERPROOF
- VARIOUS SENSORS
- THRESHOLD ALERTS
- DATA EXPORT

MySOLEM

- ECO MODE p.3
- SUPERVISION p.9



LR-MS-ECO KIT

9V Sensor Module with a Solar Panel

3-year
WARRANTY

The LR-MS-ECO KIT 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 or mini turbine to extend the life of the 9V battery. Paired with WiFi or a 4G gateway, access your data from anywhere.

Compatibility		Connection	
Sensor inputs	1 / 4	Distance to sensor	100 fts
Power	ECO MODE +	Control	Remote

Features

Product

- LONG RANGE
- WATERPROOF
- VARIOUS SENSORS
- THRESHOLD ALERTS
- DATA EXPORT
- RECHARGEABLE BATTERY

MySOLEM

- ECO MODE p.3
- SUPERVISION p.9



EASILY MANAGE YOUR POOL
FROM ANYWHERE!



15:48

Pool

Sensors

Water T° 19,6° 22 Dec 2021 at 08:18	pH 7,9 20 Dec 2021 at 19:18
Redox 230 21 Dec 2021 at 15:03	Filtration Active 7 Dec 2021 at 17:52

Commands

Filtration
AUTO
Active

My garden Watering Pool Lighting Settings



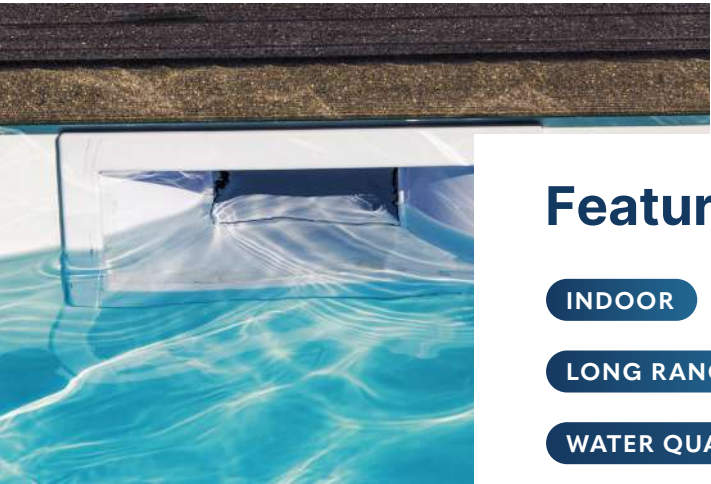
POOL BOX LT

AC Powered Filtration Controller & Pool Analyser

3-year WARRANTY

The POOL BOX LT is an AC-powered control module connected via LoRa™. When installed in the equipment room, it automatically manages filtration times and monitors your pool water’s quality. 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
Inputs	TEMPERATURE pH REDOX	Alerts and recommendations	MOBILE APP
Power	120 V - 60 Hz PLUG	Control	Remote SMARTPHONE TABLET PC GLOBE



Features

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

SCAN TO VIEW SPECIFICATIONS



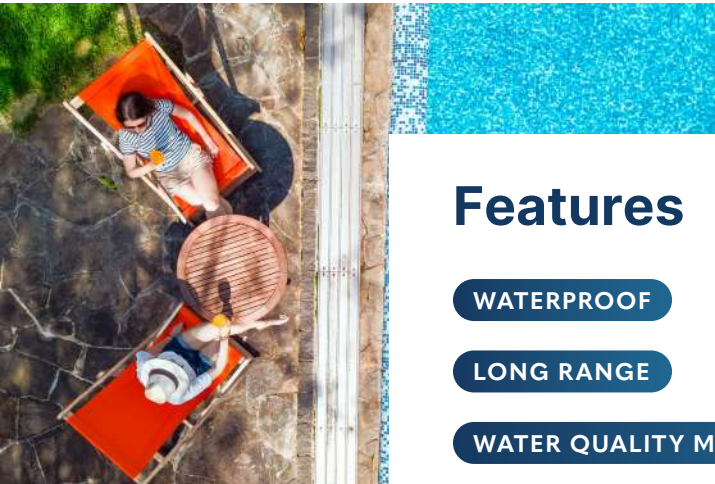
POOL SENSE

9V Floating Pool Analyser

3-year WARRANTY

POOL SENSE is a floating, battery-powered analyzer that connects via Bluetooth® and LoRa™ to monitor your pool’s water quality, including pH, chlorine levels, and temperature.

Water temperature	TEMPERATURE	Connection	LoRa Bluetooth
pH measurement	pH	Alerts and recommendations	MOBILE APP
Chlorine level	REDOX	Control	Remote SMARTPHONE TABLET PC GLOBE

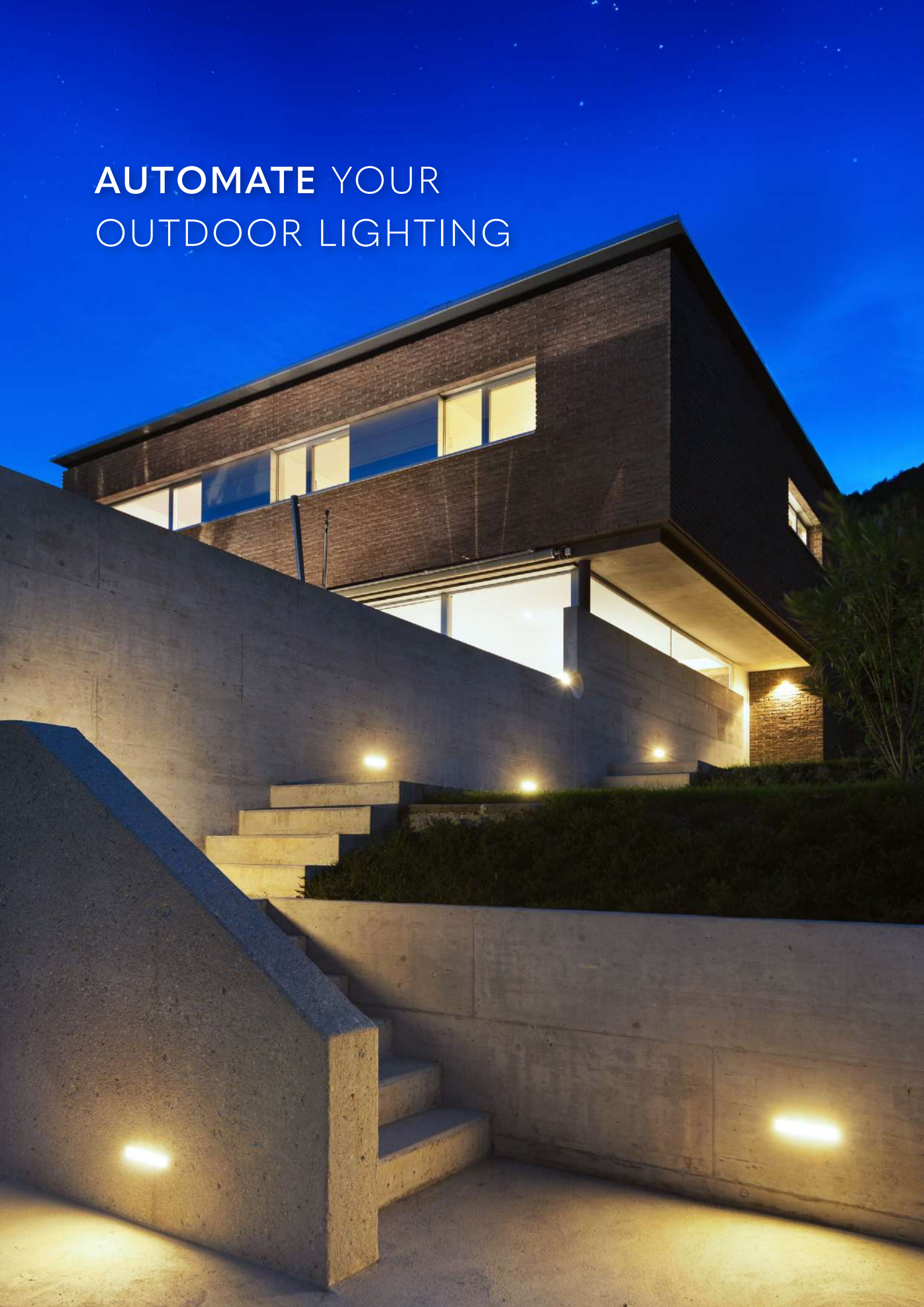


Features

- WATERPROOF
- LONG RANGE
- WATER QUALITY MONITORING

SCAN TO VIEW SPECIFICATIONS





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 WiFi gateway (type LR-MB), it can be controlled remotely from anywhere.

Compatibility	  	Connection	 
Lines	4	Control	Remote    
Power	120 V - 60 Hz 		

Simulate your presence in your absence



Save energy!

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



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.



support.
MySOLEM

LEARN BY YOURSELF VIA OUR E-LEARNING ONLINE PLATFORM!

<https://support.mysolem.com>



Installation
video tutorials



MySOLEM
video tutorials



FAQ



Product
documentation



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					
	Internet gateway	Watering	Water meter	Pressure switch	Sensors	Lighting	Pool	Bluetooth®	WiFi	LoRa™	ANTI-THEFT	9V battery	4xAAA batteries	AC power	Inputs/Outputs/ Number of stations
Short-range management, battery or AC powered															
BL-NR		•						•			•	•			1 station
WooBee		•	•					•			•	•	•		1-2-4-6 stations
BL-IP		•						•			•	•			1-2-4-6 stations
BL-IS		•						•			•			•	2-4-6-9 stations
Remote access using Wi-Fi, AC powered															
SMART-IS		•	•	•				•	•		•			•	2-4-6-9-12 stations
VILLA		•	•	•				•	•		•			•	4-6-9-12 stations
Connected garden, remote access, long range, battery or AC powered															
LR-MB	•							•	•	•	•			•	10 or 30 modules
LR-NR		•								•	•	•			1 station
LR-IP		•	•	•				•		•	•	•			1-2-4-6 stations
LR-IP-ECO KIT		•	•	•				•		•	•	•			1-2-4-6 stations
LR-IS		•	•	•				•		•	•			•	2-4-6-9-12 stations
LR-MS4			•	•	•			•		•	•	•			1 temperature-dedicated input + 3 sensors or water meter inputs
LR-MS4-ECO KIT			•	•	•			•		•	•	•			1 temperature-dedicated input + 3 sensors or water meter inputs
LR-OL						•		•		•	•			•	4 inputs / outputs
POOL BOX LT							•	•		•				•	1 input filtration pump
POOL SENSE							•	•		•			•		-

Lexicon:

BL: Bluetooth®
LR: LoRa™

IP: 9V Battery
IS: AC Power

MB: Mother Board
MS: Sensor Module

OL: Outside Lighting
NR: Misting Tap Timer

PM: Pump Management
PR: Pressure



CONTACT

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