SOLEM

CONNECTED GARDEN

WATERING | POOL | LIGHTING

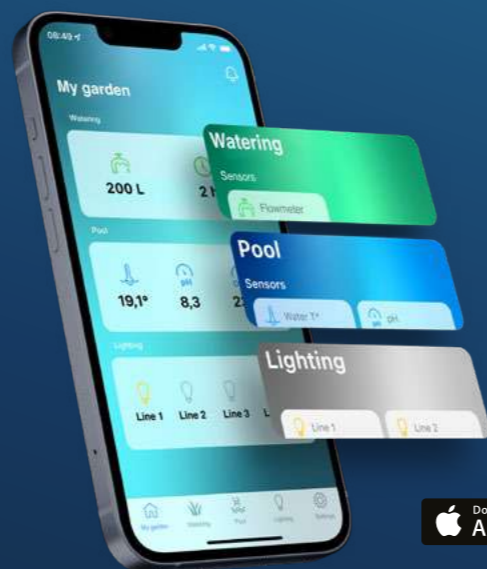solem-irrigation.com

2024 EDITION

My SOLEM

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.

App Store

GET IT ON Google Play

AUTÉ 201
FREE ONLINE PLATFORM

AN ONLINE MANAGEMENT FORM

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 from a computer. All your programs and products are automatically synchronized on real time on the online platform and the apps.

MyGARDEN

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.*
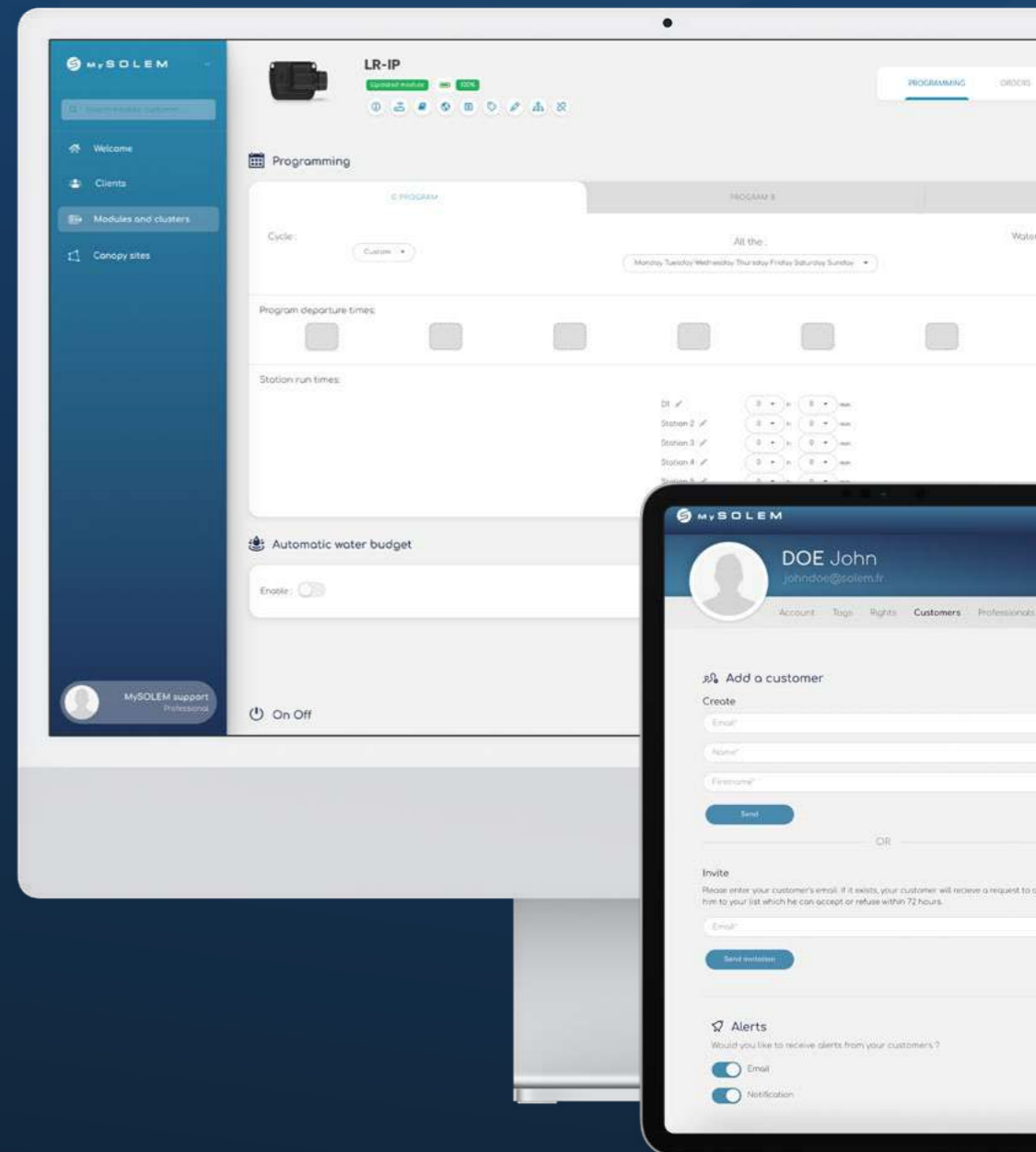
App Store

GET IT ON Google Play

My SOLEM

SOLEM

CONNECTED GARDEN

Gateway
19 | LR-MB | WiFi Indoor Gateway

IRRIGATION

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20 | LR-IP | 9V Controller
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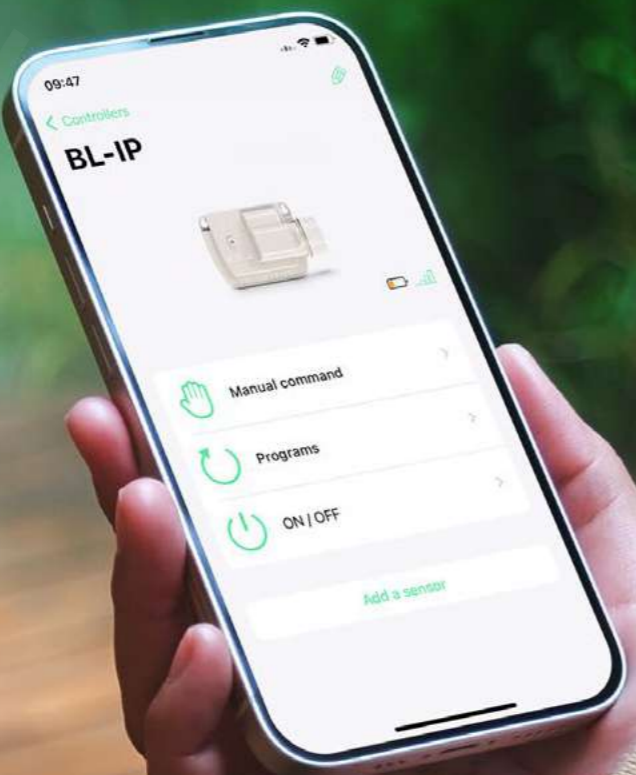
POOL
28 | POOL BOX LT | Filtration Controller & Pool Analyser
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SHORT RANGE WATERING

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LONG RANGE WATERING

IRRIGATION
14 | SMART-IS | AC Powered WiFi Controller
15 | VILLA | AC Powered WiFi Controller with Screen | NEW

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	Bluetooth®
Station	1	Control	**Short range**
Power	9V		

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!

ON/OFF

BL-IP

Manual command

Programs

ON | OFF

Add a sensor
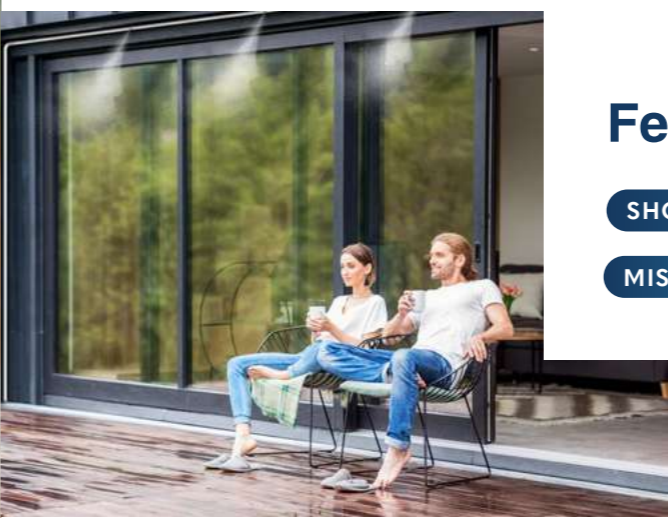
Features

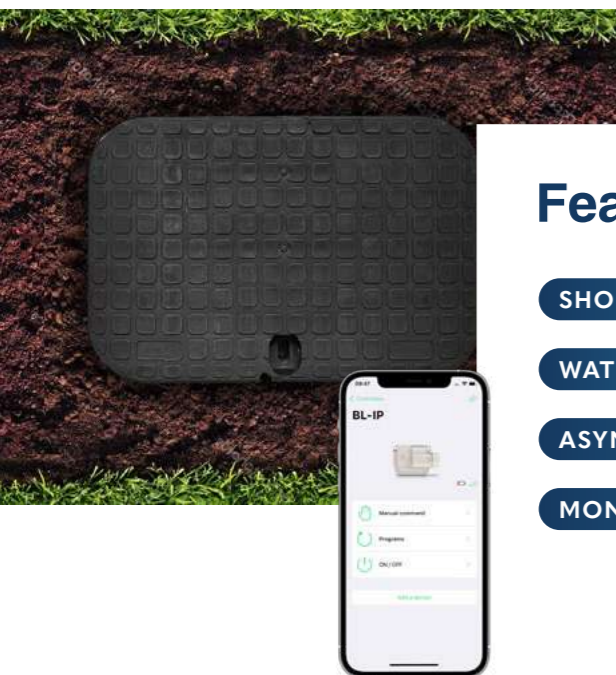SHORT RANGE: 10m

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

MySOLEM
FREE APP

Download on the App Store

GET IT ON Google Play

DOWNLOAD OUR APP
& MANAGE YOUR GARDEN!

My account

SOLEM
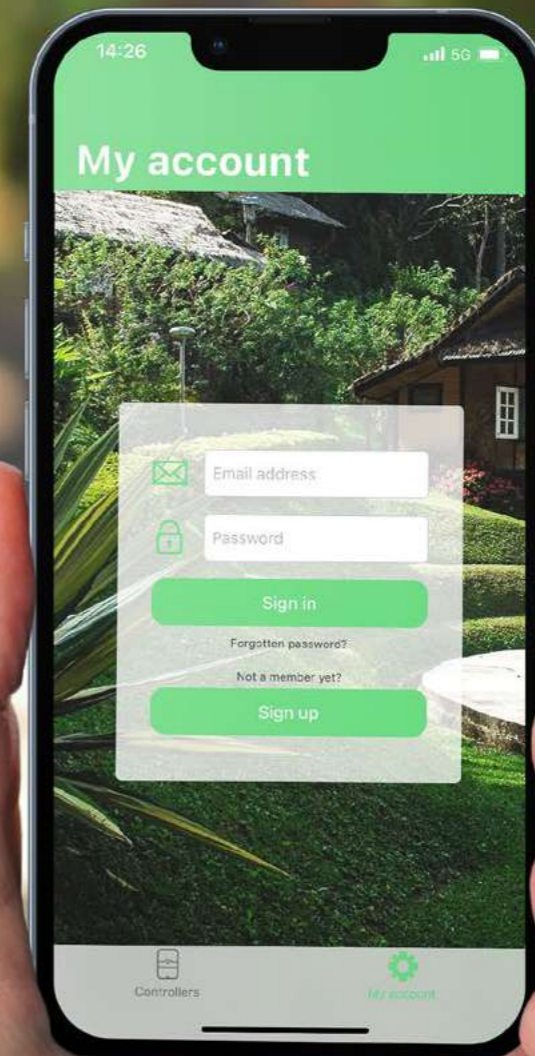
CONTROL YOUR IRRIGATION
REMOTELY VIA WIFI

ON/OFF

WiFi

CLOUD

SMART-IS

11:02

Back

Manual command

Programming

ON / OFF

Water meter

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.
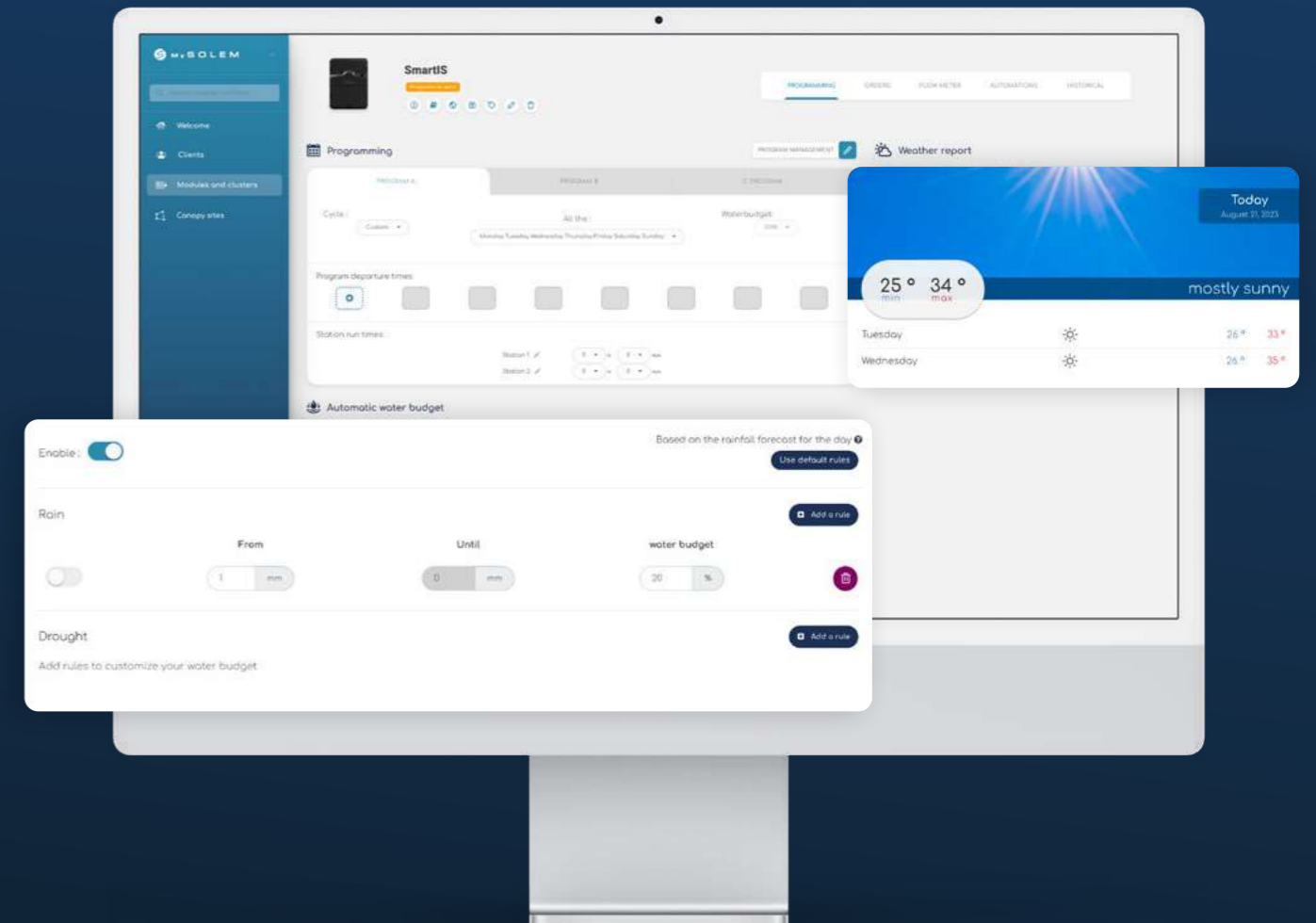
SMART-IS

AC Powered WiFi Controller

3-year WARRANTY

The SMART-IS is an AC-powered indoor Bluetooth® watering controller that connects directly to a WiFi 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	or or	Connection	Bluetooth® WiFi
Stations	2/4/6/9/12	Control	Remote

Features

INDOOR

AUTOMATIC WATER BUDGET p.13

WATER CONSUMPTION MONITORING p.22

VALVE STATUS CONTROL

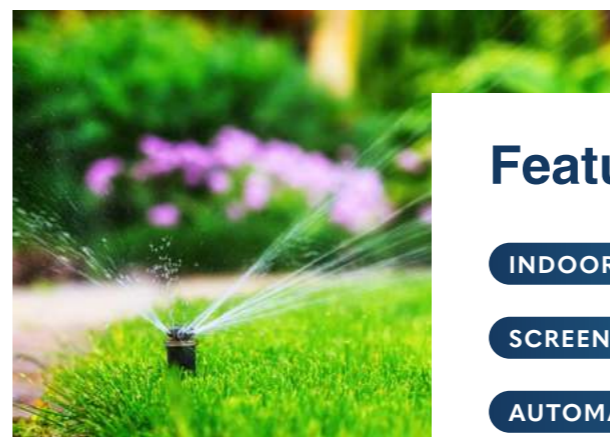SCAN TO VIEW SPECIFICATIONS

⌂ SOLEM

14

VILLA

NEW

AC Powered WiFi Controller with Screen

3-year WARRANTY

The VILLA is an AC-powered, waterproof Bluetooth® watering controller that connects directly to a WiFi 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	or or 2	Connection	Bluetooth® WiFi
Stations	4/6/9/12	Control	Remote

Features

INDOOR / OUTDOOR

SCREEN & BUTTONS

AUTOMATIC WATER BUDGET p.13

WATER CONSUMPTION MONITORING p.22

VALVE STATUS CONTROL

SCAN TO VIEW SPECIFICATIONS

⌂ SOLEM

15

SOLEM

CONNECTED GARDEN

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

Easily schedule your watering remotely!

Water at the right time thanks to connected sensors

Easily schedule your watering remotely!

Program & automate your outdoor lighting

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

My garden

Watering

200 L   2 h

Pool

19,1°   pH 8,3   ORP 238

Watering

Line 1   Line 2   Line 3   Line 4

DISCOVER OUR RANGE!

LONG RANGE 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.

MYSOLEM APP

MYGARDEN APP

MYSOLEM.COM PLATEFORME
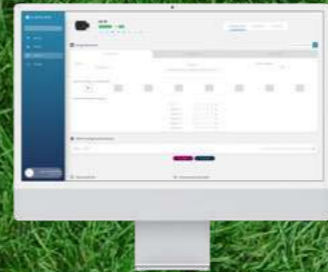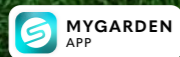
WiFi

1 CONNECTED GATWAYS

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 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	**800***m / 875* yds	Connection	WiFi · LoRa · Bluetooth®
Modules	**10/30**	Control	**Remote**
Power	12V		

Features

INDOOR

EXTENDABLE ANTENNA

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

SOLEM

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 WiFi 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	LoRa Bluetooth®
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

800m* **ECO RANGE**

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	Connection	LoRa Bluetooth®	
Stations	**1/2/4/6**	Control	**Remote**	
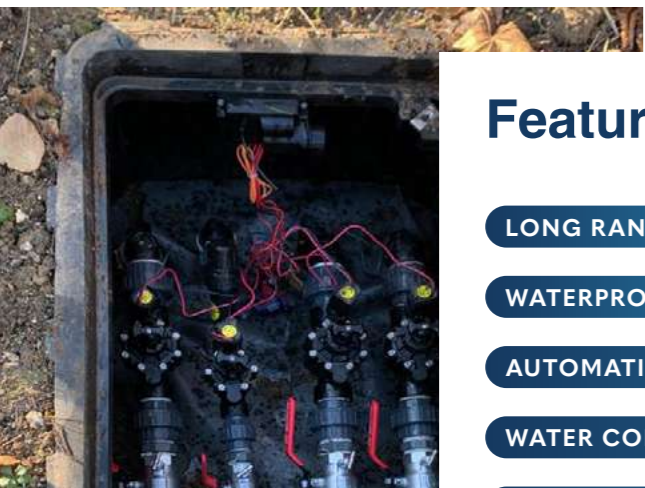
Features

- 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

SOLEM

SOLEM

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.

CLOUD

ON/OFF

WiFi

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 WiFi or 4G gateway, it can be remotely controlled from anywhere.

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

Features

LONG RANGE

INDOOR

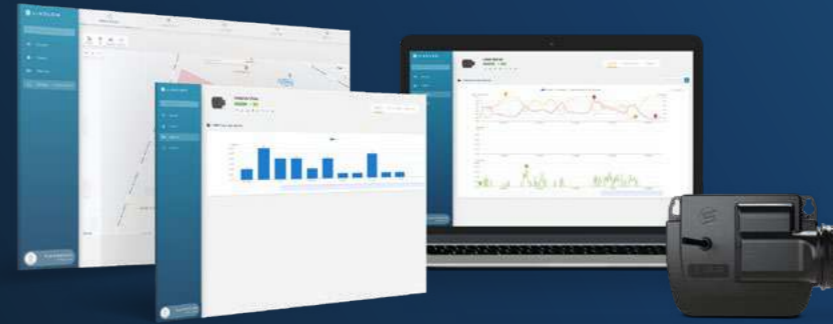**AUTOMATIC WATERBUDGET** p.13

WATER CONSUMPTION MONITORING p.22

SCAN TO VIEW SPECIFICATIONS

* Range may vary depending the installation's configuration

SOLEM

CONNECTED SENSORS
SAVE TIME & WATER!

**LR-MS + SENSORS
& MySOLEM Platform**

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

⊕ **Anticipate the risk of frost or strong winds**

⊕ **Adjust your water consumption according to rainfall**

⊕ **Optimize your crops with precise soil moisture measure**

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.

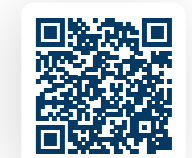**Find our full range of sensors**
on solem-irrigation.com

⊕ **Create your own weather station**
with a LR-MS-4, a temperature sensor, a rainfall sensor, a humidity sensor and an anemometer

**INSTALL A SENSOR
WITH MYSOLEM**

How to choose your sensor module?
SCAN TO VIEW THE COMPATIBILITY BETWEEN
OUR SENSOR MODULES AND PROBES

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 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	**Bluetooth®** **LoRa**
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

LR-MS-ECO

◉ ECO RANGE

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 WiFi gateway, access your data from anywhere.
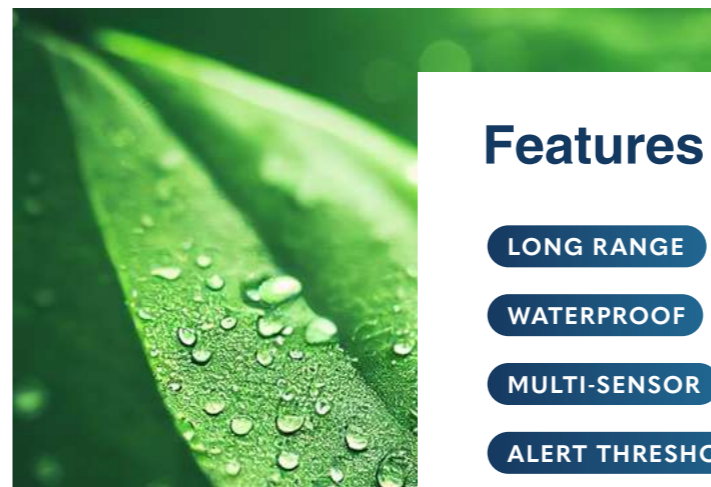
Compatibility	〰 ◌ ☔ ...	Connection	**Bluetooth®** **LoRa**
Inputs	**1 / 4**	Distance to sensor	**30** m / 33 yds
Power	☀ 9V	Control	**Remote**

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	pH REDOX	Alerts and recommendations	
Power	230V 50Hz	Control	**Remote**

Features

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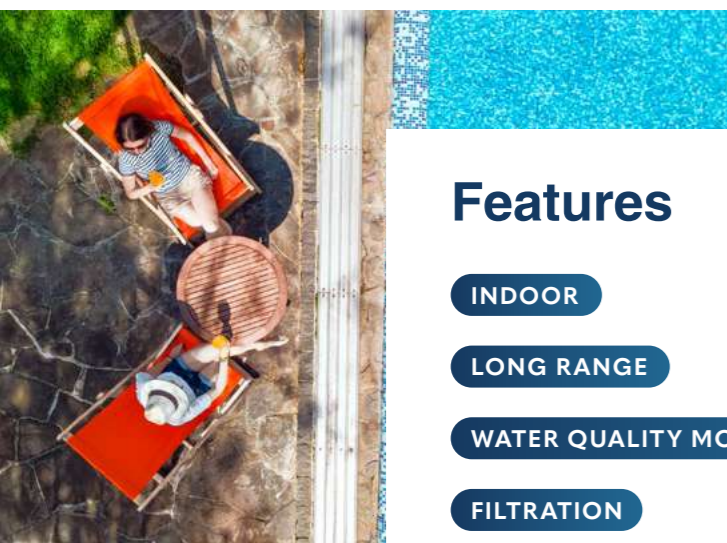- AUTOMATION

SCAN TO VIEW SPECIFICATIONS

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 WiFi gateway to access your data.
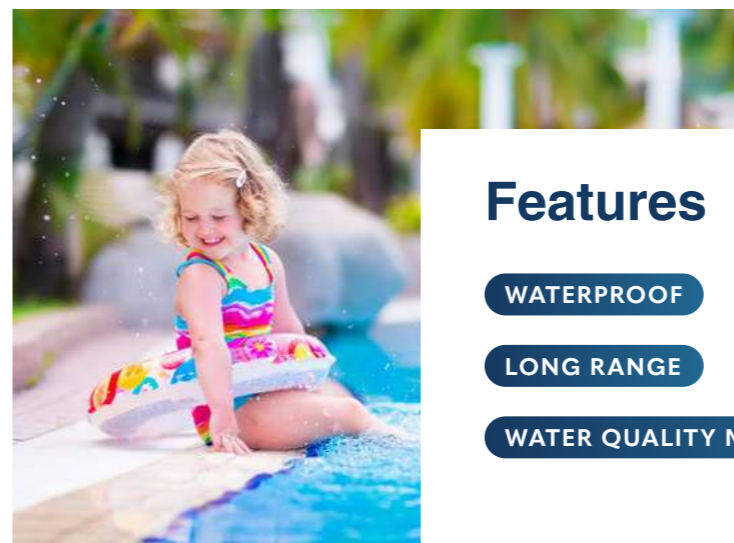
Water temperature		Connection	LoRa Bluetooth®
pH measurement	pH	Alerts and recommendations	
Chlorine level	REDOX	Control	**Remote**

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

Compatibility				Connection	LoRa Bluetooth®
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

SOLEM

SOLEM

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

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!

Installation video tutorials

MySOLEM video tutorials

FAQ

Product documentation

support.mysolem.com

MacBook Pro
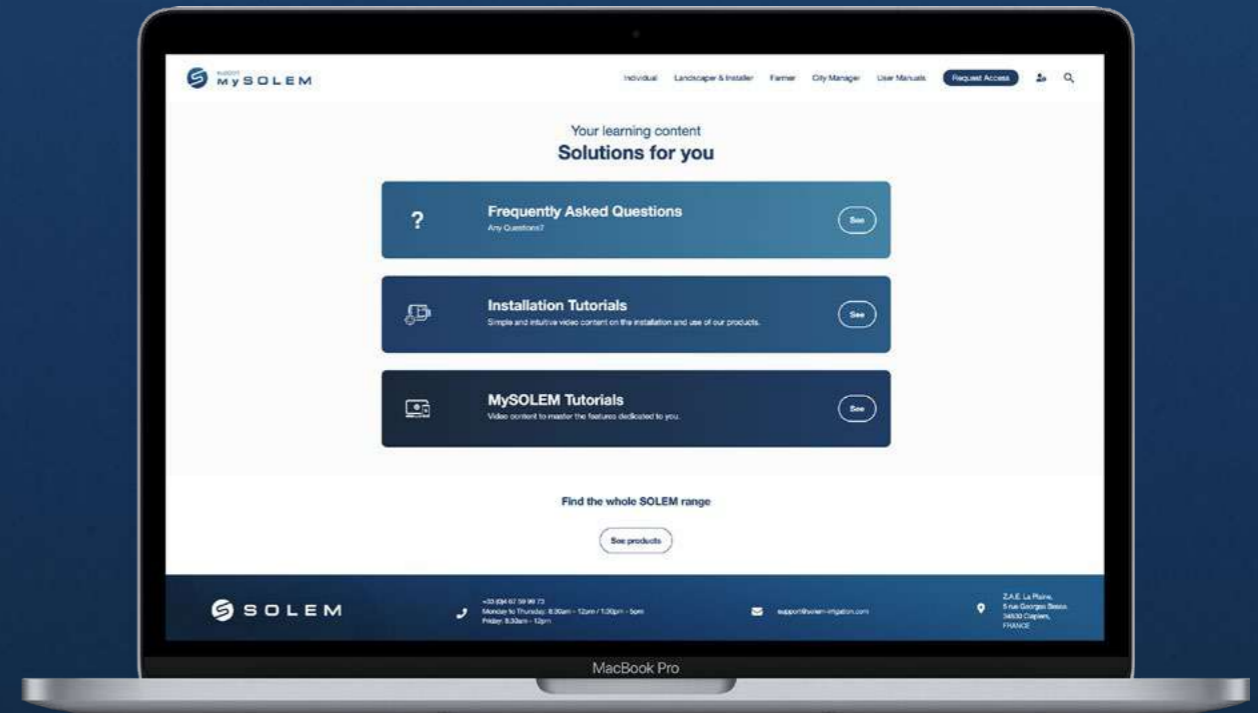
SCAN & DISCOVER!

👤 **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®	WiFi	LoRa™	ANTI-THEFT	9V battery	4xAAA batteries	230V AC power	
Close-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			•	•	•				•	•		•			•	2-4-6-9-12 stations
Connected garden, remote access, long range, battery or AC powered																
LR-MB		•							•	•	•	•			•	10 ou 30 modules
LR-IP			•	•	•				•		•	•	•			1-2-4-6 stations
LR-IP-ECO			•	•	•				•		•	•	•			1-2-4-6 stations
LR-IS			•	•	•				•		•	•			•	2-4-6-9-12 stations
LR-MS				•		•			•		•	•	•			1 temperature-dedicated input + 3 sensors or water meter inputs
LR-MS-ECO				•	•	•			•		•	•	•		•	1 temperature-dedicated input + 3 sensors or water meter inputs
LR-OL							•		•		•	•			•	4 inputs / outputs
POOL BOX LT								•		•	•				•	1 input filtration pump
POOL SENSE								•	•		•			•		-

SOLEM

CONTACT

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

support@solem-irrigation.com | + 33 (0)4 67 59 99 73

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

ZAE La Plaine - 5, rue Georges Besse - 34830 CLAPIERS - FRANCE