SOLEM

CONNECTED IRRIGATION MADE EASY

RESIDENTIAL WATERING

LR-NR **NEW**

Connected tap timer now available **in LoRa™**

REMOTE MANAGEMENT · LoRa · Bluetooth®

Watering or misting
wherever you are.

➡ Discover the product on p.29

SOLEM
Performance

➕ Simplicity

➕ Battery Life

for Greater
Performance

Access to
**your installations
from wherever you are**

**Switch instantly from
watering mode** to **misting mode**

Geolocate
your installations

**Easily schedule
& automate** watering

Optimise water consumption
on your sites

SOLEM

Easy & connected
residential watering

to meet your customers' needs.

![MySOLEM app logo and rating]
MySOLEM
4.6 ★★★★⯪

"A simple and intuitive interface"

NEW

Easy installation
Install your product in a few minutes using close-range set-up: just move the phone nearby, and it's connected.

Eco Mode
Maximize the life of the 9V battery by switching on Eco Mode in winter and during the watering season.

Download on the App Store **GET IT ON Google Play**

* Client testimonials. Rating based on more than 4,500 reviews and comments

MySOLEM

Expert
platform
for landscapers

Access to your customers' gardens

Remotely manage your gardens geographically

Receive **real-time notifications**

Monitor the status of your equipment

SOLEM

SUMMARY

Easy & Connected Short-Range Watering

NEW

BL-NR

Tap Timer
Bluetooth® - Watering or Misting

The BL-NR is a battery-operated tap timer controller that works over Bluetooth® able to be operated from a smartphone using the MySOLEM app. It offers a smart and simple solution for watering your lawn, vegetable garden or misting your patio. It is sturdy thanks to its brass ring, and the life of the battery is extended. Quick to install: a few minutes to screw in the controller, connect the sprinkler, insert the battery, connect via Bluetooth® and enter the schedule from your smartphone.

Compatibility		Connection	Bluetooth®
Station	1	Control	On site (within 10m)*
		Power supply	

Watering / misting
reliable & sturdy

- Quick & easy to install
- Sturdy

Watering / Misting Mode

Asynchronous Mode

Eco Mode p.9

DOCUMENTS

UP TO A
5-year
BATTERY LIFE

UP TO A
5-year
BATTERY LIFE

NEW

NEW

WooBee
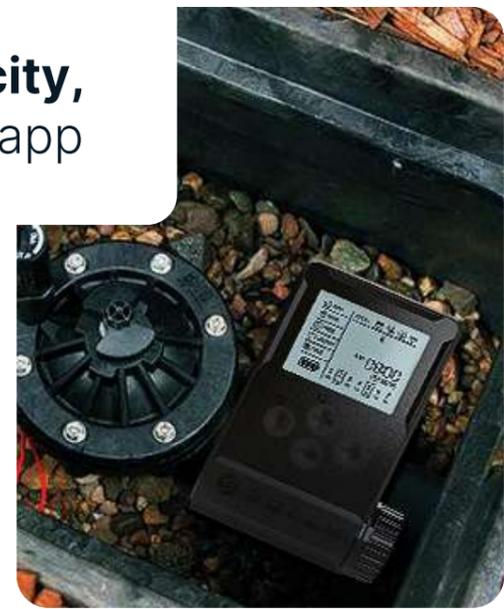
BL-IP

Watering Controller
Bluetooth®, 9V with Large Screen

Watering Controller
Bluetooth®, 9V

The WooBee is a waterproof, battery-operated, Bluetooth® watering controller, able to sequentially schedule 9V solenoid valves. It comes with a large screen for ease of use. Its water meter input enables you to take action in the event of leaks, or over-delivery or under-delivery of water. Water consumption graphs reported via the app.

The BL-IP is a waterproof, battery-operated, Bluetooth® watering controller, able to sequentially schedule 9V solenoid valves. It is ideal for use with undersoil installations, as it eliminates the need to open manholes! Its water meter input enables you to take action in the event of leaks, or over-delivery or under-delivery of water. Water consumption graphs reported via the app. The rainfall sensor is used to halt watering if it rains.

Compatibility		Connection		**Bluetooth®**
Stations	**1/2/4/6**	Control	**On site (within 10m)***	
Input: 1	or	Power supply	1×9V or 4xAAA	

Compatibility		Connection		**Bluetooth®** NFC
Stations	**1/2/4/6**	Control	**On site (within 10m)***	
Input: 1	or	Power supply		

Simplicity,
with or without the app

Monthly Waterbudget

Asynchronous Mode

p.9
Eco Mode

Easy to use

Waterproof

Control over water consumption

Leak detection

The best 9V controller
of its generation

Easy installation

Sturdy & waterproof

Control over water consumption

Leak detection

Monthly Waterbudget

Asynchronous Mode

p.9
Eco Mode

DOCUMENTS

DOCUMENTS

*10m range. Range varies depending on the installation configuration.   *10m range. Range varies depending on the installation configuration.

BL-IS

Watering Controller
Bluetooth®, AC-Powered

The BL-IS is an AC-powered, indoor, Bluetooth® watering controller able to sequentially schedule 24V solenoid valves. It is ideal for installations located in equipment rooms. Pair your BL-IS with a rainfall sensor to automate the halting of watering depending on the weather.

Compatibility		Connection	Bluetooth®
Stations	**2/4/6/9**	Control	**On site (within 10m)***
Input: 1		Power supply	120V - 240V / 50 - 60Hz

Ease of use for
mains-powered installations

Easy to use

Compatible with existing installations

Rain detection
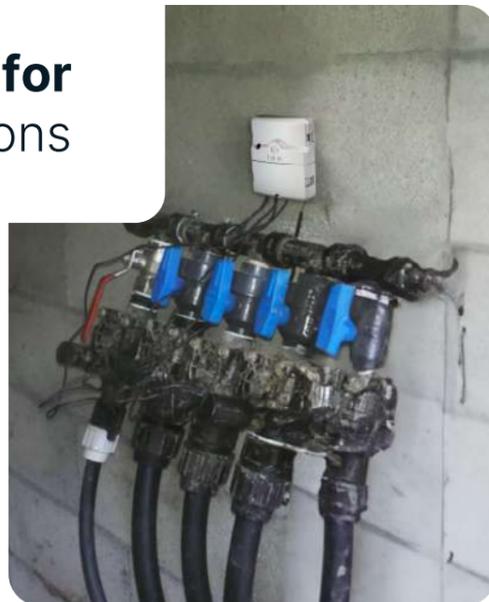
Asynchronous mode

DOCUMENTS

SOLEM 3-YEAR WARRANTY   *10m range. Range varies depending on the installation configuration.

Plug & Play
Wifi Irrigation

SMART-IS

VILLA

Indoor Irrigation Controller
Wi-Fi, AC-Powered

Outdoor Irrigation Controller
Wi-Fi, AC-Powered

The SMART-IS is an AC-powered, indoor, Bluetooth® watering controller that connects directly to a Wi-Fi router. It is able to sequentially control 24V solenoid valves. Paired to a water meter, it monitors your water consumption and sends notifications in the event of leaks or under- or over-delivery.

The VILLA is an AC-powered, Bluetooth® watering controller, compatible with a Wi-Fi router. It has a large screen, intuitive buttons, and a protective cover against inclement weather. It is used to sequentially schedule 24V solenoid valves. Lever terminal blocks make it easy to install. Paired to a water meter, it monitors your water consumption and sends notifications in the event of leaks or under- or over-delivery.

Compatibility	24V	Connection	WiFi Bluetooth®
Stations	2/4/6/9/12	Control	Remote
Input: 1	or or	Power supply	120V - 240V / 50 - 60Hz

Compatibility	24V	Connection	WiFi Bluetooth®
Stations	4/6/9/12	Control	Remote
Input: 2	or or	Power supply	120V - 240V / 50 - 60Hz

Watering simplicity,
built-in Wi-Fi

Weather-based

Control over water consumption

Pressure detection

Auto. waterbudget

DOCUMENTS

Indoor / Outdoor installation,
built-in Wi-Fi

Easy to use

Protective cover

Easy to install & maintain

Weather-based

Control over water consumption

Pressure detection

Auto. waterbudget

DOCUMENTS

SOLEM 3-YEAR WARRANTY

3-YEAR WARRANTY SOLEM

SOLEM LoRa™ Irrigation

Premium, Long Range, Long Life, Remotely

LORA™ RANGE

INSTALLATION **IN 3 EASY STEPS**

1

DOWNLOAD THE APP

Pair your modules easily, and prepare your installation.

MYSOLEM APP   MYGARDEN APP

2

CONNECT YOUR GATEWAY

Plug it in and simply link it to your Wifi network.

3

PAIR YOUR EQUIPMENT

Connect your watering modules, sensors, pool and lighting to your gateway in an instant.

SOLEM 25

LORA™ RANGE

A SINGLE GATEWAY
FOR YOUR CONNECTED GARDEN

CONNECTED GATEWAY

WiFi

CONNECTED CONTROLLERS

CONNECTED SENSORS

POOL & LIGHTING

LR-MB

Indoor Gateway
Wi-Fi, Watering, Pool & Lighting

The LR-MB is an AC-powered indoor gateway that connects directly to a Wi-Fi router. Depending on the version, it can remotely manage from 10 to 30 modules over LoRa™ radio. Send your schedules and settings easily, and receive notifications promptly, wherever you are.

Module distance	**800m***	Connection	LoRa Bluetooth WiFi
Modules	**10/30**	Control	**Remote***
		Power supply	120V - 240V / 50 - 60Hz

Reliable, free connection
using an existing Wi-Fi network

- Quick & easy to install
- Remote control
- Reliable connection
- Extendable antenna

DOCUMENTS

UP TO A
5-year
BATTERY LIFE

NEW

LR-NR

Tap Timer
LoRa™, Watering or Misting

Take a look at our tap timer controller, the LR-NR, now available for LoRa™. Connect your module to a SOLEM gateway and schedule your watering from wherever you are. Save time if you don't have access to the installation location.

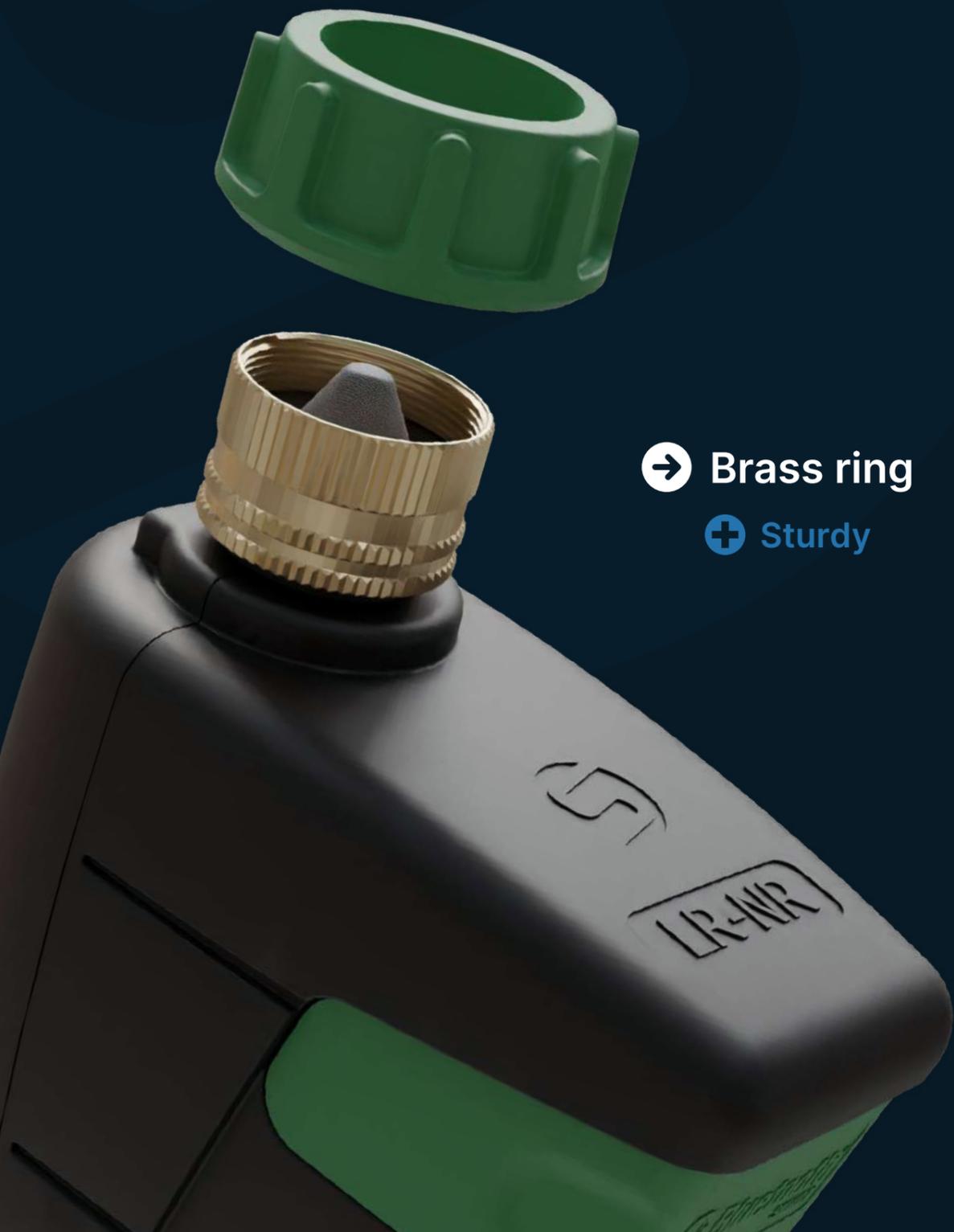| Compatibility		Connection	LoRa	Bluetooth	NFC
Station	**1**	Control	**Remote**		
		Power supply		9V	

→ **Brass ring**

➕ **Sturdy**

Remotely controllable tap timer

Quick & easy to install

Sturdy

Remote control

Watering / misting mode

p.9

Eco Mode

DOCUMENTS

UP TO A
5-year
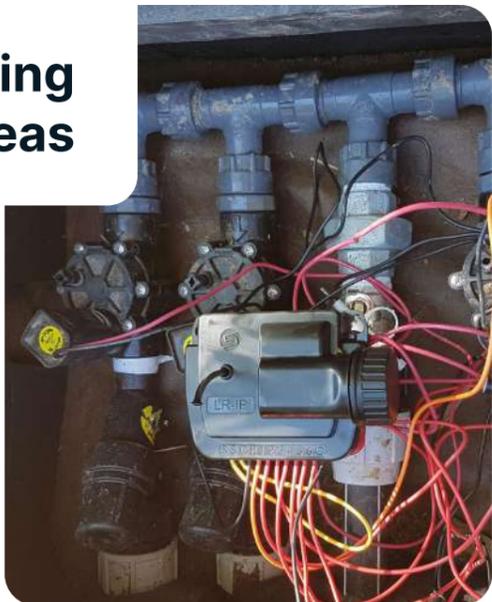BATTERY LIFE

NEW

LR-IP

Irrigation Controller
LoRa™, 9V

The LR-IP is a waterproof, battery-operated Bluetooth® and LoRa™ watering controller, able to sequentially schedule 9V solenoid valves. It is ideal for use with undersoil installations, as it eliminates the need to open manholes! Paired with a Wi-Fi or 4G gateway, it can be operated remotely from wherever you are. Linked to a water meter, it will monitor your water consumption, and send real-time notifications in the event of leaks or under- or over-delivery.

Compatibility		Connection	LoRa Bluetooth NFC
Stations	**1/2/4/6**	Control	**Remote***
Input: 1	or or	Power supply	9V

Ideal for irrigating large areas

Quick & easy to install

Sturdy & waterproof

Weather-based

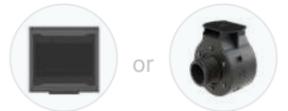Control over water consumption

Auto. waterbudget
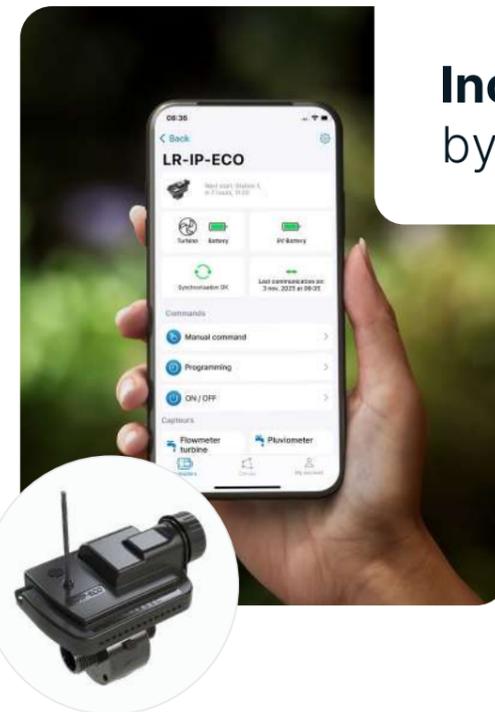
Eco Mode
p.9

DOCUMENTS

LR-IP-ECO

Irrigation Controller
LoRa™, 9V - Turbine or Solar Panel Option

or

The LR-IP-ECO is a waterproof, battery-operated Bluetooth® and LoRa™ watering controller, sharing the same features as the LR-IP. It has a built-in flow meter that measures your water consumption, checks your flow, and identifies leak risks (if the turbine option is chosen). The turbine or solar panel recharge the module's built-in battery to extend the lifespan of the 9V battery.

Compatibility		Connection	LoRa Bluetooth
Station	**1/2/4/6**	Control	**Remote***
Input: 1	or or	Power supply	or 9V

Increases its battery life
by using renewable energy

Internal rechargeable battery

Compact solution

Flexible installation

Weather-based

Control over water consumption

Auto. waterbudget

Eco Mode
p.9

DOCUMENTS

* Range up to 800m. Range varies depending on the installation configuration.

* Range up to 800m. Range varies depending on the installation configuration.

LR-IS

Irrigation Controller
LoRa™, AC-Powered

The LR-IS is an AC-powered Bluetooth® and LoRa™ watering controller able to sequentially schedule 24V solenoid valves. It is ideal for installations located in equipment rooms. Paired with a Wi-Fi or 4G gateway, it can be operated remotely from wherever you are.

Compatibility		Connection	LoRa Bluetooth
Stations	**2/4/6/9/12**	Control	**Remote**
Input: 2	or or	Power supply	120V - 240V / 50 - 60Hz

Ideal for mains-powered installations

- ☀ Weather-based 5
- 💧 Control over water consumption
- Check the valve's status

Auto. Waterbudget

DOCUMENTS

Range up to 800m. Range varies depending on the installation configuration.

Save time, save water.

Easy watering automation via MySOLEM based on sensor data.

Track & control **water consumption** in real time.

Accurately measure **soil moisture** to deliver the right amount of water at the right time.

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

Limit your water consumption according to **rainfall**.

Measure your **water storage level** & automate filling operations or your watering.

➔ Create your own weather station

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

UP TO A
5-year
BATTERY LIFE

NEW

LR-MS

Sensor Module
LoRa™, 9V

LR-MS-ECO

Sensor Module
LoRa™, 9V - Solar Panel or Turbine Option

or

The LR-MS is a waterproof, battery-operated, sensor data acquisition module. This module can connect to many types of sensor, including weather sensors (rain, air humidity, wind speed and temperature), water meters, soil moisture sensors, soil tensiometers, various level detectors, and more. Paired with a Wi-Fi or 4G gateway, you can access your data from wherever you are. You can view and extract your data from the MySOLEM.com platform, and automate your watering based on thresholds that you set for each sensor.

The LR-MS-ECO is a waterproof, battery-operated, LoRa™ sensor data acquisition module, sharing the same features as the LR-MS. Configure notification thresholds and associated automated actions for controllers. It also incorporates a rechargeable battery powered by either a solar panel or a turbine installed on the water network to extend the life of the 9V battery. Paired with a Wi-Fi or 4G gateway, you can access your data from wherever you are.

Compatibility		Connection	LoRa · Bluetooth · NFC
Sensor inputs	1/4	Control	Remote · 🌐
Sensor distance	30m	Power supply	🔋 9V

Compatibility		Connection	LoRa · Bluetooth · NFC
Sensor inputs	1/4	Control	Remote · 🌐
Sensor distance	30m	Power supply	🔋 or ☀ 9V

Switch to precision watering

Sturdy & waterproof

Various sensors

Configurable notification thresholds and actions

Data extraction options

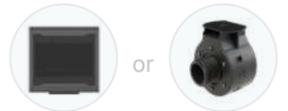Auto. Waterbudget

p.9
Eco Mode

DOCUMENTS

Increase its battery life
by using renewable energy

Moisture sensor

Rechargeable battery

Flexible installation

Various sensors

Configurable notification thresholds and actions

Data extraction options

Auto. Waterbudget

p.9
Eco Mode

DOCUMENTS

Range up to 800m. Range varies depending on the installation configuration.

Range up to 800m. Range varies depending on the installation configuration.

LR-PR

Connected Pressure Sensor

The LR-PR is a unit comprising a waterproof, Bluetooth®/LoRa™ data acquisition module equipped with its own pressure sensor. This pressure gauge kit uploads pressure measurements **between 0 and 16 bar** to the MySOLEM platform or app, allowing you to monitor the pressure of your installation. 0nce you have set the trigger thresholds, the MySOLEM platform will notify you when they are breached, enabling you to protect your equipment.

Compatibility	Pressure sensor 0-16		Connection	LoRa · Bluetooth®
Input	**1**		Control	Remote*
			Power supply	

Keeping your water system secure

Pressure control

Configurable notification thresholds

Data extraction options

p.9 Supervision

p.9 Eco Mode

DOCUMENTS

Pressure Switch

Pressure Detector

The pressostat is the ideal product to ensure that your solenoid valves are operating correctly according to your controllers' settings. Ensure that your solenoid valves have been activated correctly and, if a fault occurs, receive a notification on your mobile phone or by e-mail. It also helps save time analysing technical issues affecting the water system.

Compatibility				Connexion
⊘ VILLA	⊘ SMART-IS	⊘ LR-IP	⊘ LR-IP-ECO	Wired
⊘ LR-MS	⊘ LR-MS-ECO	⊘ LR-IS		

Check that valves are operating correctly

LR-IP,
LR-IP-ECO,
LR-PM, LR-MS
LR-MS-ECO

Pressure detector

9V solenoid valve
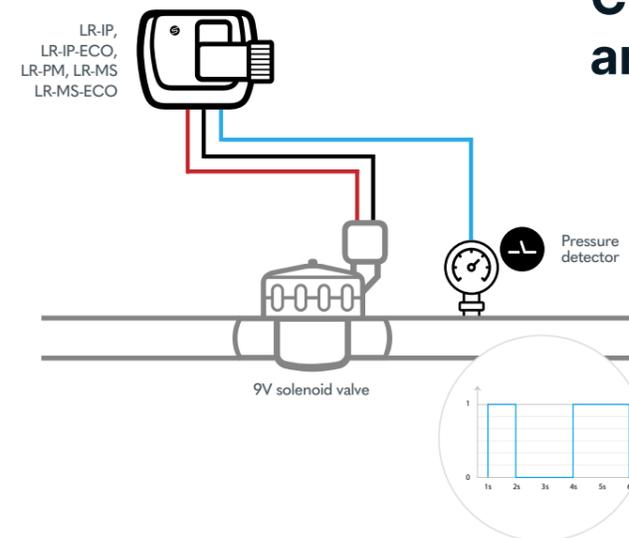
Check the valve's status

Notifications in the event of issues

DOCUMENTS

* Range up to 800m. Range varies depending on the installation configuration.
** The warranty only covers the casing

Access to your garden
from wherever you are

Be there, even when
you're not

Easily schedule & automate
watering

Create ambience
in your garden

MyGARDEN

No more test strips,
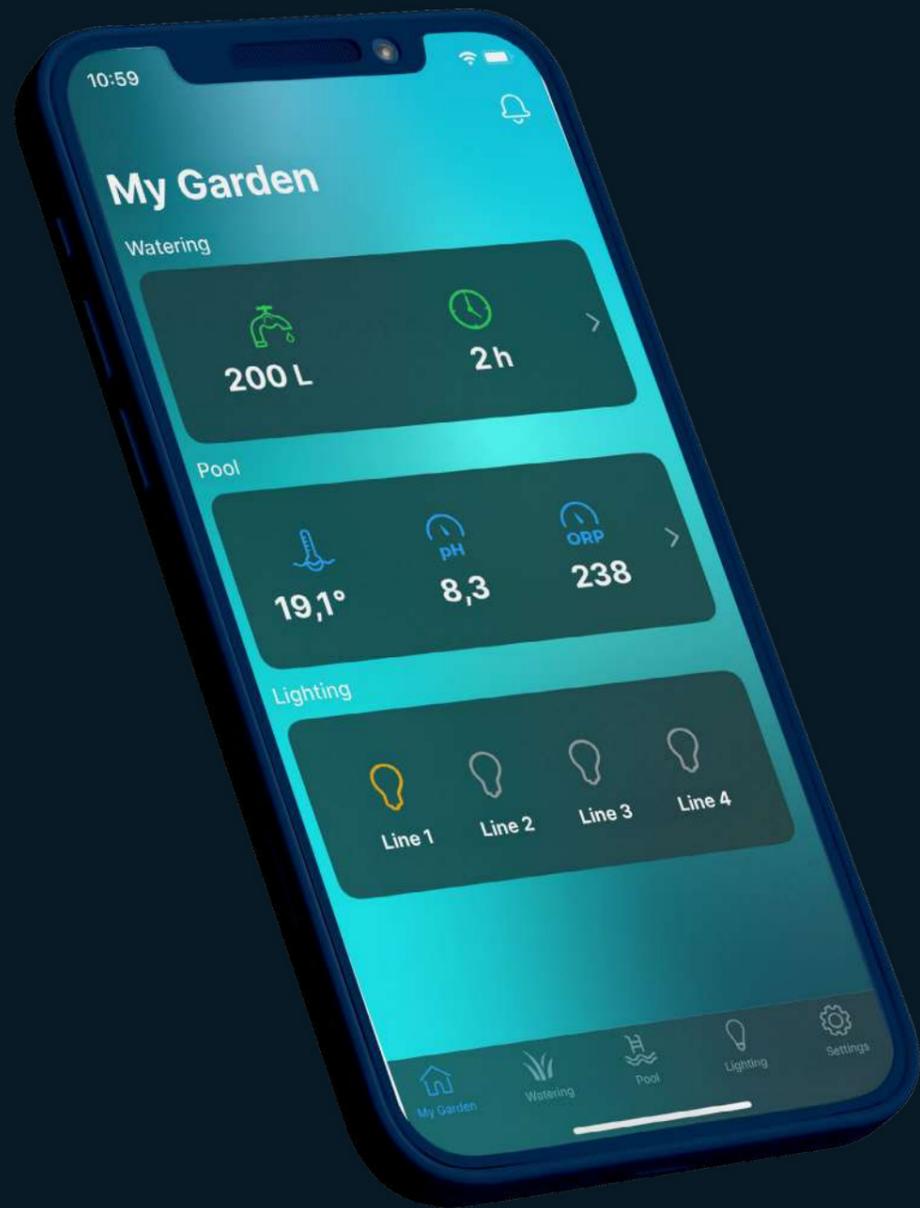test **your water continuously**

Connected Garden

The ideal range to control your garden easily, from a single app.

MyGARDEN

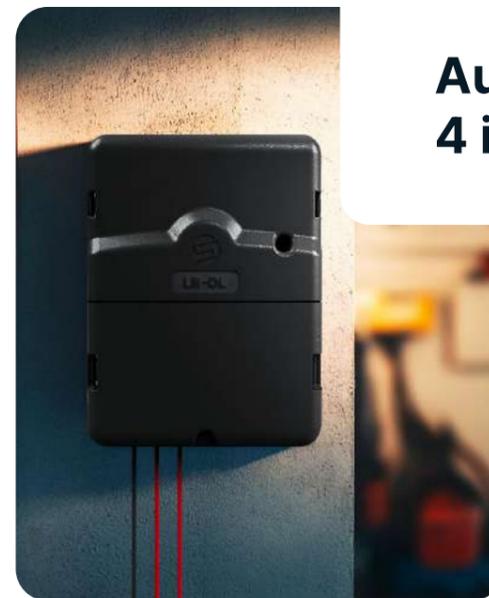# A single app for
the entire garden.

LR-OL

Lighting Controller
LoRa™, AC-Powered

The LR-OL is an AC-powered Bluetooth® and LoRa™ relay module able to schedule up to four separate outdoor lighting and automation areas, such as garden lighting, pumps, a fountain and others. Paired to a Wi-Fi gateway (such as LR-MB), it can be operated remotely from wherever you are.

Compatibility			Connection	LoRa Bluetooth®
Lines	**4**		Control	Remote
			Power supply	120V - 240V / 50 - 60Hz

Automate up to
4 independent areas

- Energy savings
- Multipurpose device
- Garden ambience builder

DOCUMENTS

Télécharger dans l'App Store

DISPONIBLE SUR Google Play

3-YEAR WARRANTY

SOLEM

43

POOL BOX

Filtration Controller & Pool Analyser
AC-Powered

NEW

POOL SENSE

Floating Pool Analyser
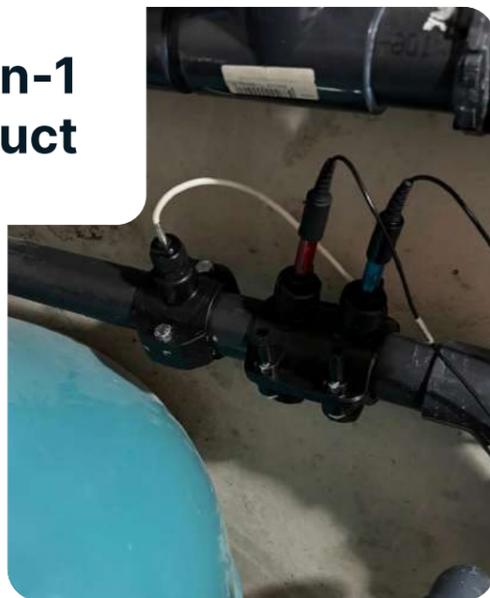
The POOL BOX LT is an AC-powered, LoRa™ smart control module that, once installed in the equipment room, automatically manages filtration times and monitors the quality of your pool water. Equipped with high-quality sensors, it monitors the pool's water quality (pH, disinfectant, temperature, filtration time) in real time and when paired to a communications gateway (e.g. LR-MB) it will notify you if the water becomes imbalanced.
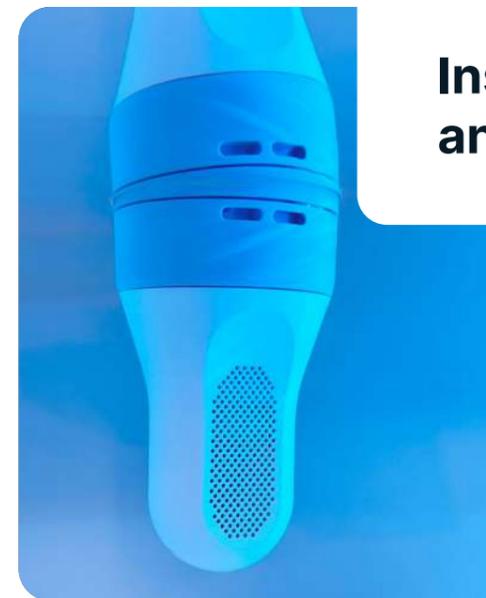
The POOL SENSE is a battery-operated, Bluetooth® and LoRa™, floating water tester that monitors the quality of your pool water (pH, chlorine, temperature). It notifies you if issues arise, so you can use your pool with complete peace of mind. Pair it to a Wi-Fi gateway to access your data.

Water testing	REDOX	Connection	LoRa
Notifications and warnings		Control	Remote
Control		Power supply	120V - 240V / 50 - 60Hz

Water testing	REDOX	Connection	LoRa
Notifications and warnings		Control	Remote
		Power supply	

The 2-in-1 pool product

Checks water quality

Smart filtration management

Automatic frost protection

Install, place it in the water, and you're all set!

pH Water testing

Measurement logs

ORP Disinfectant measurement

indygo go COMPATIBLE

DOCUMENTS

indygo go COMPATIBLE

DOCUMENTS

Compatible with SOLEM Watering Range

MyGARDEN

LR-MB
Gateway
Wi-Fi, AC-Powered
p.27

LR-IS
Controller
LoRa™, AC-Powered
p.33

LR-NR
Controller
LoRa™, Tap Timer
p.29

LR-IP
Controller
LoRa™, 9V
p.30

LR-IP-ECO
Controller
LoRa™, 9V
p.31

SMART IS
Controller
Wi-Fi, AC-Powered
p.22

VILLA
Controller
Wi-Fi, AC-Powered
p.23

LR-MS
Sensor Module
LoRa™, 9V
p.36

LR-MS-ECO
Sensor Module
LoRa™, 9V
p.37

LR-PR
Pressure Sensor
LoRa™, 9V
p.38

High-quality products & services

SOLEM is committed to providing secure and effective services.

Application & platform
Free of charge, available 24/7* for remote management of all SOLEM products.

Scalable system
Capacity to support an unlimited number of products.

Data protection
Our servers are hosted in France and managed by SOLEM.

Data backup
Backups every 6 hours to limit the risk of data loss.

Technical support
Our experts are ready to listen to your needs and advise you about your watering plans.

3-year warranty
All SOLEM products (excluding accessories and spare parts) are guaranteed for 3 years.

Useful links

MySOLEM
App

MyGARDEN
App

MySOLEM.com
Platform

solem-irrigation.com
Website

@SOLEMIrrigation
YouTube channel

*Approx. 12 hours of maintenance per year.

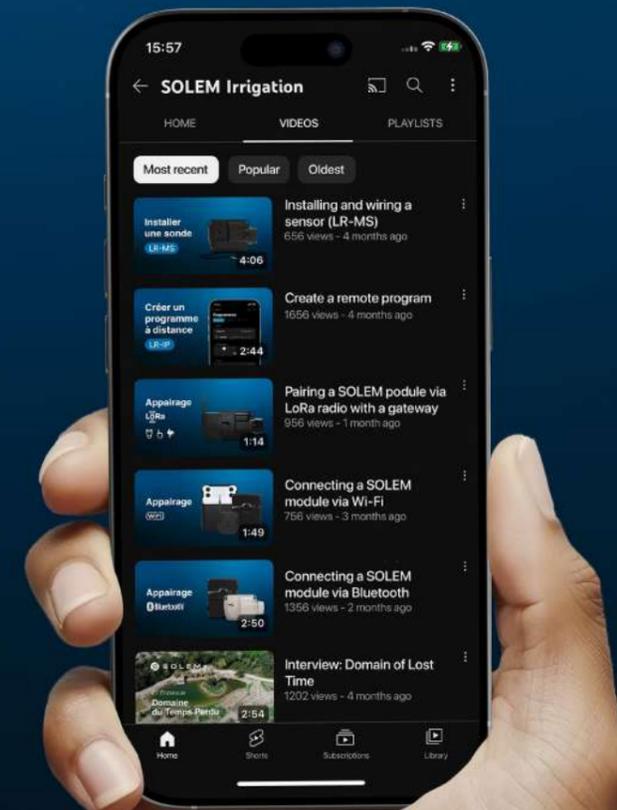COMING IN 2026...

@SOLEMIrrigation

YouTube channel

Installation tutorials

MySOLEM tutorials

User testimonials

ALL OUR PRODUCTS

	Internet gateway	Watering	Water meter	Pressure	Pressure switch	Sensors	Lighting	Pool	Bluetooth®	Wi-Fi	LoRa™	NFC	ANTI-THEFT	9V battery	4xAAA batteries	230V mains	Inputs / Outputs / Number of stations	Pages
		Application							Communication					Power supply				
Bluetooth® range: local control, 9V or AC-powered																		
BL-NR		•							•				•	•			1 station	p.15
WooBee		•	•						•				•	•	•		1-2-4-6 stations	p.17
BL-IP		•	•						•			•	•	•			1-2-4-6 stations	p.16
BL-IS		•							•				•			•	2-4-6-9 stations	p.18
Wi-Fi range: remote access over Wi-Fi, AC-powered																		
SMART-IS		•			•				•	•			•			•	2-4-6-9-12 stations	p.22
VILLA		•	•		•				•	•			•			•	4-6-9-12 stations	p.23
LoRa range: Connected Garden, remote access, long range, 9V or AC-powered																		
LR-MB	•								•	•	•		•			•	10 or 30 modules	p.27
LR-NR		•							•		•	•	•	•			1 station	p.29
LR-IP		•	•		•				•		•		•	•			1-2-4-6 stations	p.30
LR-IP-ECO		•	•		•				•		•		•	•			1-2-4-6 stations	p.31
LR-IS		•	•						•		•		•			•	2-4-6-9-12 stations	p.33
LR-MS			•		•	•			•		•	•	•	•			2 models: 1 input or 4 inputs	p.36
LR-MS-ECO			•		•	•			•		•		•	•			2 models: 1 input or 4 inputs	p.37
LR-PR				•		•			•		•		•	•			1 pressure sensor input	p.38
LR-OL							•		•		•		•			•	4 inputs / outputs	p.43
POOL BOX								•	•		•					•	1 filter pump input and 3 testing sensor inputs	p.44
POOL SENSE								•	•		•				•		3 sensors	p.45

GLOSSARY

BL: Bluetooth®
LR: LoRa™

IP: Battery Watering
IS: AC Watering

MB: Mother Board
MS: Sensor Module

OL: Outdoor Lighting
NR: Tap Timer

● Gateways ● Controllers ● Sensor modules ● Lighting ● Pool

SOLEM

Contact

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:

URBAN IRRIGATION

AGRICULTURE

🌐 solem-irrigation.com

ISO 9001:2015 certified for the design, development, manufacture, sale
and after-sales service of smart electronic products.

ZAE La Plaine, 5 rue Georges Besse, 34830 Clapiers, France