



SOLEM

USA

CONNECTED IRRIGATION MADE EASY

RESIDENTIAL WATERING

usa.solem-irrigation.com

2026 EDITION



LR-NR **NEW**

Connected tap timer
now available
in LoRa™

REMOTE MANAGEMENT



**Watering or misting
wherever you are.**

➔ Discover the product on p.29

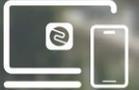




**Simplicity,
Autonomy,
For Greater
Performance.**



 Switch instantly from watering mode to misting mode

 Access to your installations from wherever you are

 Optimize water use on your sites

 Geolocate your installations

 Easily schedule & automate watering



Easy & smart residential watering
to meet your customers' needs.



“A simple
&
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.



Expert platform for landscapers

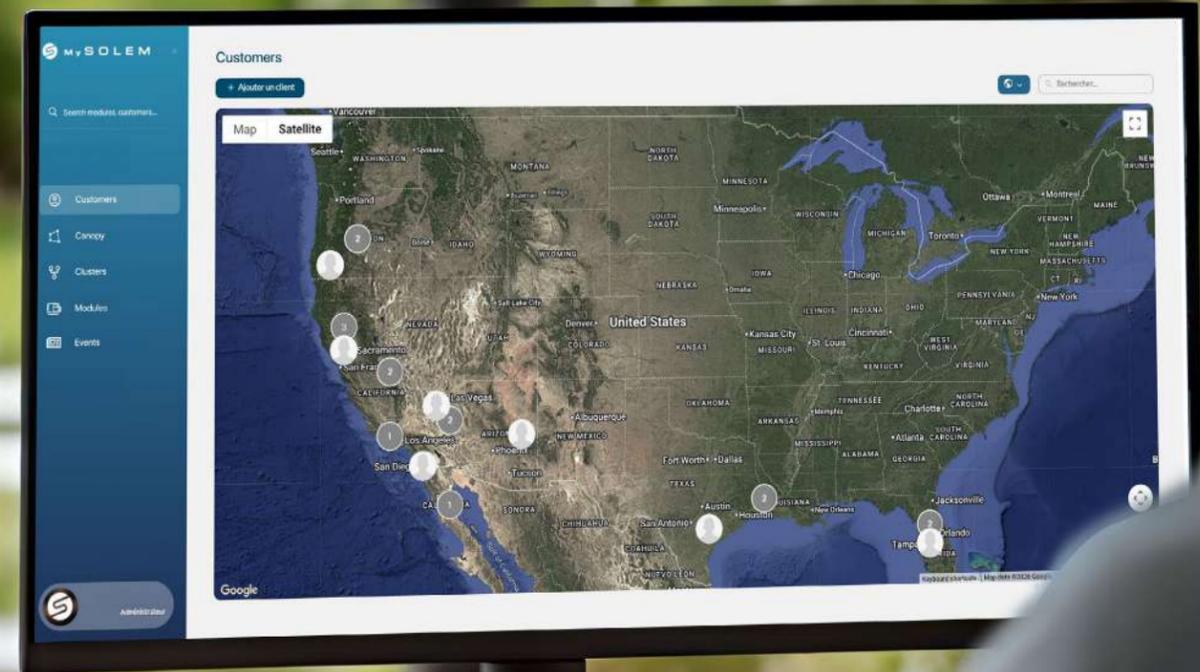
 Access to
your **customers' gardens**

 **Remotely manage** your
gardens geographically

 Receive **real-time**
notifications

 **Monitor** the status
of your equipment

PLATFORM



SUMMARY

Bluetooth RANGE

- 17 **BL-NR** Tap Timer, Watering or Misting NEW
- 18 **BL-IP** Battery-Operated Controller NEW
- 19 **WOOBEE** Battery-Operated Controller with Large Display NEW

WiFi RANGE

- 22 **SMART-IS** AC-Powered Indoor Controller
- 23 **VILLA** AC-Powered Outdoor Controller with Display

LoRa RANGE

GATEWAY

- 27 **LR-MB** Indoor Wi-Fi gateway

CONTROLLERS

- 29 **LR-NR** Tap Timer, Watering or Misting NEW
- 30 **LR-IP** Battery-Operated Controller
- 31 **LR-IP-ECO**  Battery-Operated, with embedded Flowmeter, Solar Panel Option
- 33 **LR-IS** AC-Powered

SMART SENSORS

- 35 **Sensors** Individual or in a Kit
- 36 **LR-MS** Battery-Operated Sensor Module
- 37 **LR-MS-ECO**  Battery-Operated Solar Sensor Module, Turbine Option
- 38 **LR-PR** 9V, Smart Pressure Sensor Module

BLUETOOTH® RANGE

Easy & Smart Short-Range Irrigation





UP TO A
5-year
BATTERY LIFE

CONTROLLERS

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's 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 33 ft)*
		Power	



Watering / misting
reliable & sturdy

- Quick & easy to install
- Sturdy

Sprinkling / misting Mode

Asynchronous Mode

Eco Mode p.9



*33 ft range. Range varies depending on the installation configuration.

3-YEAR WARRANTY

CONTROLLERS

UP TO A
5-year
BATTERY LIFE

UP TO A
5-year
BATTERY LIFE

CONTROLLERS



NEW
WooBee

Watering Controller
Bluetooth®, Battery Operated, with Large Display

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

Compatibility		Connection	Bluetooth®
Stations	1/2/4/6	Control	On-site (within 33 ft)*
Input: 1	or	Power supply	1x9V or 4xAAA

Simplicity,
with or without the app



- Easy to use
- WATERPROOF**
- Control over water use
- Leak detection



NEW
BL-IP

Watering Controller
Bluetooth®, Battery Operated

The BL-IP is a waterproof, battery-operated, Bluetooth® watering controller, able to sequentially schedule 9V solenoid valves. It is ideal for use with under-soil 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- or under-consumption. Water consumption graphs reported via the app. The rainfall sensor is used to pause watering if it rains.



Compatibility		Connection	Bluetooth®
Stations	1/2/4/6	Control	On-site (within 33 ft)*
Input: 1	or	Power supply	

The best 9V controller
of its generation



- Easy installation**
- Sturdy & waterproof**
- Control over water use**
- Leak detection**



WI-FI RANGE

Plug & Play Wifi Irrigation



CONTROLLERS



SMART-IS

Indoor 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 use and sends notifications in the event of leaks or under- or over-delivery.

Compatibility		Connection	
Stations	2/4/6/9/12	Control	Remote
Input: 1	or or	Power supply	120 V - 60 Hz

CONTROLLERS



VILLA

Indoor & Outdoor Controller

Wi-Fi, AC-Powered

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

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

Watering simplicity with built-in Wi-Fi



- Weather-based
- Control over water use
- Pressure detection



Indoor/ Outdoor installation, built-in Wi-Fi



- Easy to use
- Protective cover
- Easy to install & maintain
- Weather-based
- Control over water use
- Pressure detection



LORATM RANGE

SOLEM LoRa™ Irrigation

Premium, Long Range, Long Life, Remotely



LORATM RANGE

INSTALLATION IN 3 EASY STEPS

1



DOWNLOAD THE APP

Pair your modules easily, and prepare your installation.



2



CONNECT YOUR GATEWAY

Plug it in and simply link it to your Wi-Fi network.

3



LINK YOUR EQUIPMENT

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

Reliable & wireless installation



SMART GATEWAY



LoRa

0.5 mile radius

LoRa

0.5 mile radius



SMART CONTROLLERS



SMART SENSORS



LR-MB

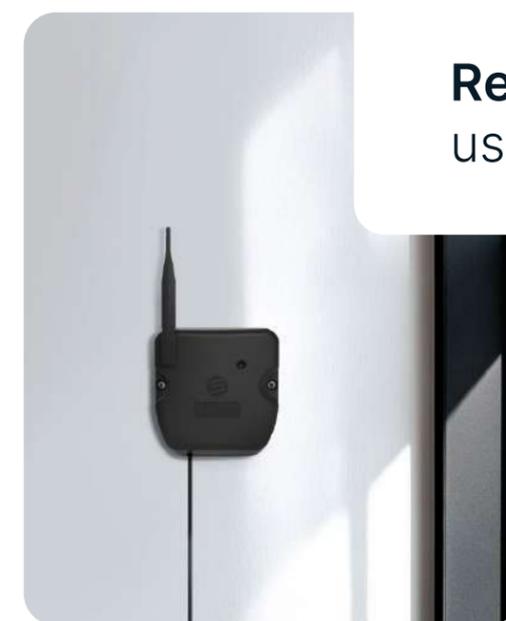
ROUTERS



Indoor Gateway Wi-Fi

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 quickly receive notifications, wherever you are.

Module distance	0.5 mile radius*	Connection	LoRa Bluetooth WiFi
Modules	10/30	Control	Remote*
		Power supply	120 V - 60 Hz



Reliable, free connection using an existing Wi-Fi network

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



DOCUMENTS

NEW

LR-NR



Tap Timer LoRa™ - Watering or Misting

Take a look at our tap timer, 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



Station

1

Control

Remote*



Power supply



→ Brass ring

+ Sturdy

Remotely controllable tap timer



- Quick & easy to install
- Sturdy
- Remote control

Sprinkling / misting mode

Eco Mode

DOCUMENTS



* Range up to 330 ft. Range varies depending on the installation configuration.

3-YEAR WARRANTY

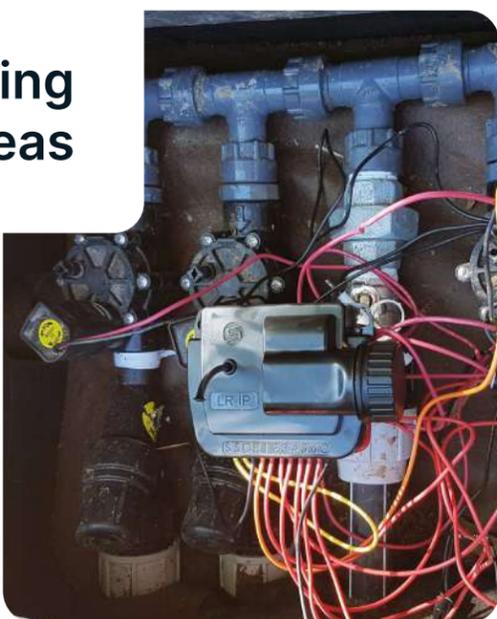
LR-IP

Irrigation Controller LoRa™, Battery Operated

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	
Stations	1/2/4/6	Control	Remote* 
Input: 1		Power supply	

Ideal for watering large areas



- Quick & easy to install 
- Sturdy & waterproof 
- Weather-based 
- Control over water use 

-  Auto. waterbudget
-  Eco Mode p.9



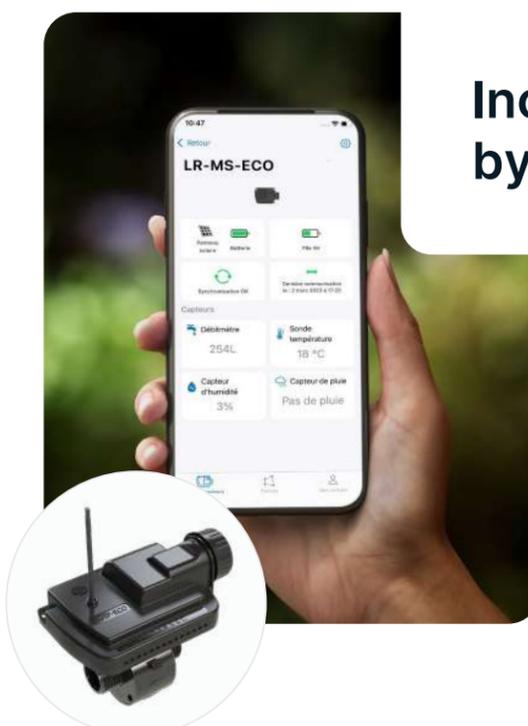
LR-IP-ECO

Irrigation Controller with embedded Flowmeter LoRa™ - Solar Panel Option

The LR-IP-ECO is a waterproof, battery-operated Bluetooth® and LoRa™ watering controller, with the same features as the LR-IP. It has a built-in flow meter that measures your water use, 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	
Station	1/2/4/6	Control	Remote* 
Input: 1		Power supply	

Increase its battery life by using renewable energy



-  Internal rechargeable battery
-  Compact solution
-  Flexible installation
-  Weather-based
-  Control over water use

-  Auto. waterbudget
-  Eco Mode p.9





CONTROLLERS

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



Stations

2/4/6/9/12

Control



Input: 2



Power supply



Ideal to connect a 120V installation

- Weather-based
- Control over water use
- Check the valve's status



* Range up to 0.5 mile radius. Range varies depending on the installation configuration.

3-YEAR WARRANTY

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

LR-MS

Sensor Module LoRa™, Battery Operated

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.

Compatibility		Connection	
Sensor inputs	1/4	Control	Remote*
Sensor distance	100 ft	Power supply	

Switch to precision watering

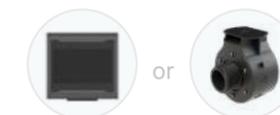


- Sturdy & waterproof
- Various sensors
- Configurable notification thresholds & actions
- Data extraction options



LR-MS-ECO

Solar Sensor Module LoRa™ - Turbine Option



The LR-MS-ECO is a waterproof, battery-operated, LoRa™ sensor data acquisition module, with 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	
Sensor inputs	1/4	Control	Remote*
Sensor distance	100 ft	Power supply	

Increase its battery life by using renewable energy



- Rechargeable battery
- Flexible installation
- Various sensors
- Configurable notification thresholds & actions
- Data extraction options





LR-PR

Smart 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 232 psi** to the MySOLEM platform or app, so you can monitor the pressure of your installation. Once you have set the trigger thresholds, the MySOLEM platform will notify you when they've been exceeded, so you can protect your equipment.

Compatibility	Pressure sensor	Connection	
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

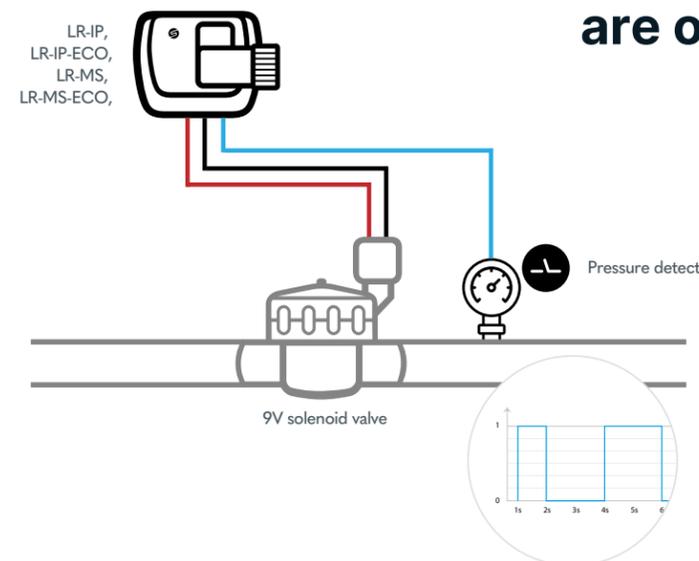
Pressure Detector



The Pressure Switch is the perfect solution 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 cell phone or by e-mail. It also helps save time analyzing technical issues affecting the water system.

Compatibility	<p> VILLA SMART-IS LR-IP LR-IP-ECO</p> <p> LR-MS LR-MS-ECO LR-IS</p>	Connexion	Wired
---------------	---	-----------	-------

Check that valves are operating correctly



Check the valve's status

Notifications in case of issues

DOCUMENTS



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



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



MySOLEM.com
Platform



solem-irrigation.com
Website



@SOLEMIrrigationUSA
YouTube channel

COMING IN 2026...



@SOLEMIrrigationUSA

YouTube channel



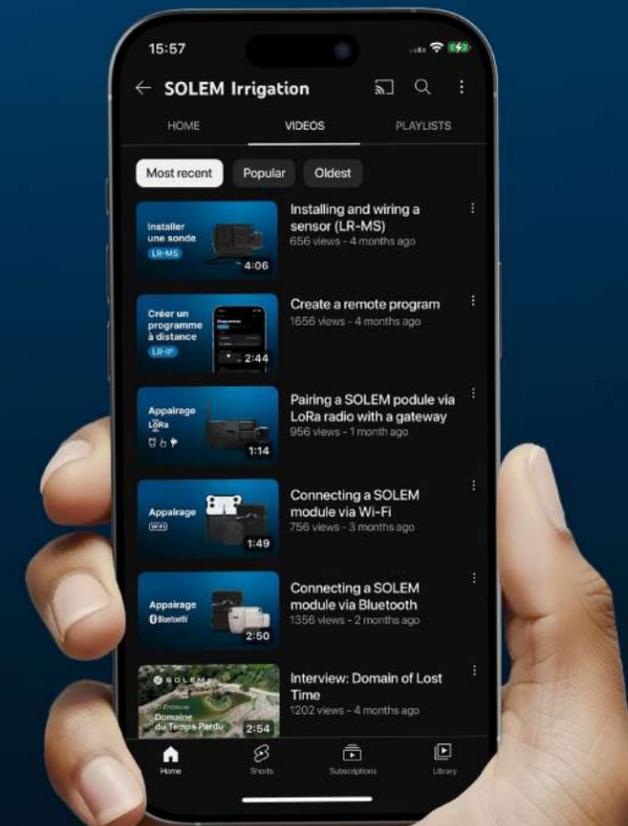
Installation
tutorials



MySOLEM
tutorials



User
testimonials



*Approx. 12 hours of maintenance per year.

ALL OUR PRODUCTS



	Application					Communication				Power supply			Inputs / Outputs / Number of stations	Pages		
	Internet gateway	Watering	Water meter	Pressure	Pressostat	Sensors	Bluetooth®	Wi-Fi	LoRa™	Close-range	ANTI-THEFT	9V battery			4xAAA batteries	120V AC
Bluetooth® range: local control, battery- or AC-powered																
		•					•			•	•	•			1 station	p.15
		•	•				•			•	•	•	•		1-2-4-6 stations	p.17
		•	•				•			•	•	•			1-2-4-6 stations	p.16
Wi-Fi range: remote access over Wi-Fi, AC power																
		•	•		•		•	•		•	•			•	2-4-6-9-12 stations	p.22
		•	•		•		•	•		•	•			•	4-6-9-12 stations	p.23
LoRa range: smart garden, remote access, long range, battery- or AC-powered																
	•						•	•	•	•	•			•	10 or 30 modules	p.27
		•					•		•	•	•	•			1 station	p.29
		•	•		•		•		•	•	•	•			1-2-4-6 stations	p.30
		•	•		•		•		•	•	•	•			1-2-4-6 stations	p.31
		•	•		•		•		•	•	•			•	2-4-6-9-12 stations	p.33
			•		•	•	•		•	•	•	•			2 models: 1 input or 4 inputs	p.36
			•		•	•	•		•	•	•	•			2 models: 1 input or 4 inputs	p.37
				•		•	•		•	•	•	•			1 pressure sensor input	p.38



Contact

Sales & Support

WEST COAST | +1 323-470-4551

SOUTHWEST | +1 714-706-2347

EAST COAST | +1 951-515-1246

CENTRAL & MOUNTAIN | +1 951-858-1546

✉ sales@solem-irrigation.com

✉ support@solem-irrigation.com

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



URBAN IRRIGATION

 usa.solem-irrigation.com



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

