



LR-IS

AC Powered Irrigation Controller LoRa™

The LR-IS is an AC-powered Bluetooth® and LoRa™ irrigation 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.

In order to optimise the radio range of the controller, it is recommended to add an extension cable to move the antenna further away, for example outside a technical room.

¹Outdoor installation is possible, provided that the equipment is placed in a suitable waterproof enclosure.

Compatibility



Range to gateway

0.5 miles*

Stations

2/4/6/9/12

Power

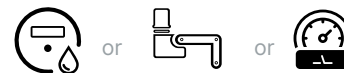
120V - 60 Hz



Connection



Inputs (1)



Control

Remote



*Range varies depending on the configuration of the installation

INSTALLATION

On sensor input:

Connection for rain sensor, pressure switch, pressure detector or water meter with pulse sensor (max. 499Hz)

Electrical connection terminal block

Master valve connection

24V solenoid connection

Operating temperature: -4 to 104 °F

Possible programming: start time, programmes, etc.

OPERATION

Power supply: Input: 120V - 60Hz / Output:

24VAC

Max. consumption: 0.75 A (18VA)

4kV surge protection

Bluetooth® Smart 4.0 Low Energy

LoRa™ radio communication

Permanent programming backup

Time backup in the event of a power cut lasting a few minutes

DIMENSIONS

2/4/6 stations:

4.3 × 5.7 × 1.4 in (W × H × D)

9/12 stations:

6.3 × 5.7 × 1.7 in (W × H × D)

3-year
WARRANTY



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Connected to the Weather

Automatically increase or decrease watering time based on weather forecasts and current conditions.



Remote Programming

Long-range LoRa™ radio communication ensures a reliable connection between your LR-IS controller and our WiFi or 4G gateways. Program and access your data in real time via the MySOLEM app and platform.



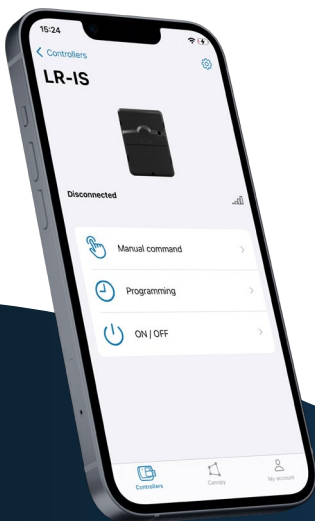
Checking the Valve Status

Connect the pressure switch and set your threshold to monitor the status of your valve. Thanks to the platform, you benefit from connected and advanced features such as Cluster and Canopy. Take advantage of the monitoring function to check the status of all your valves.

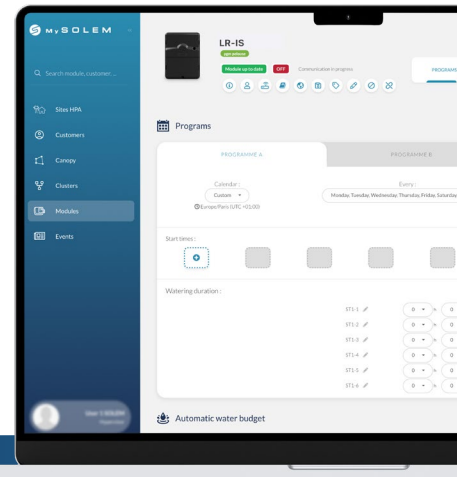


Water Use Monitoring

Connect a water meter to detect potential leaks or abnormal consumption. Monitor your consumption via MySOLEM and receive timely alerts.



Install. Program. Automate.



For professionals, discover more features on our free platform **MySOLEM.com**.