



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.

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: 0°C to 50°C

Possible programming: start time, programmes, etc.

OPERATION

Power supply: 220-240V / 50-60 Hz
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:
11 × 14.5 × 3.6 cm (W x H x D)
9/12 stations:
16 × 14.5 × 4.2 cm (W x H x D)



Compatibility

Range to gateway **800*** / **875*** yds

Stations **2/4/6/9/12**

Power

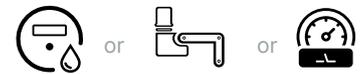
220-240V / 50-60 Hz



Connection



Inputs (1)



Control

Remote



*Range varies depending on the configuration of the installation

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 Wi-Fi 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.

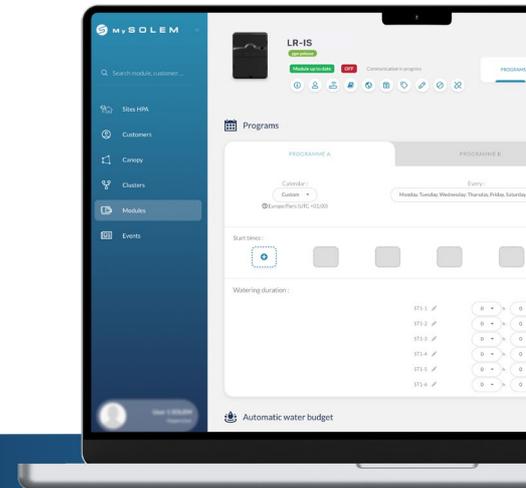


Water Consumption Monitoring

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**.