



Irrigation Station

4G Gateway with Weather Station

The irrigation station is an outdoor 4G gateway that communicates through its SIM card. It is entirely powered by its own solar panel, and comes equipped with four sensors. Two-in-one, it is a weather station providing weather data, and a gateway able to remotely manage more than 200 irrigation stations over LoRa™ radio communications. Send your schedules and settings easily, and receive notifications promptly, wherever you are. Lastly, you can collect all the data from your sensors for an at-a-glance overview.

Fixation

Mast 

Range to module

800* m

Modules

Up to **24**

Compatibilité



Power



Connectivity



Control

Remotely



**Range up to 800 m. Coverage may vary depending on installation setup.*

INSTALLATION

Installed and wired:

- temperature sensor
- anemometry sensor
- hygrometry sensor
- rain gauge sensor
- sensors module
- 3G / 4G gateway
- Solar panel

The mast is designed to be planted in the ground or fixed on a concrete base
Operating temperature: -20°C to 60°C

OPERATION

Bluetooth® Smart 4.0 Low Energy
3G/4G communication
LoRa™ radio communication
Connect up to 24 modules:
LoRa™ controllers and modules

DIMENSIONS

Width: 51 cm
Height: 170 cm
Depth: 48 cm

3-year
WARRANTY



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Climate Data

Optimize your irrigation thanks to its 4 pre-wired sensors : temperature, anemometer, hygrometer, pluviometer.



Remote Control

Enjoy an average range of up to 800 metres (terrain dependent), allowing you to connect up to 24 modules and controllers. With its integrated 4G modem, you can remotely monitor, control and program your modules through the app and online platform.



Self-Sufficient

The Irrigation Station operates autonomously thanks to a solar panel, providing independence and installation flexibility. In the event of a power outage, the backup battery takes over, ensuring up to 5 days of continuous operation.



Simplified Installation

The Irrigation Station requires no on-site network setup – simply power it on and it's ready! Thanks to its pre-wired sensors, enjoy a fast and hassle-free installation. Start your gateway and access your controllers instantly via the MySOLEM.com platform and the app.



CANOPY: Site Management

CANOPY is a feature available on the MySOLEM platform and app. It simplifies large-scale irrigation by allowing you to define, visualise, and manage your sites, where you can geolocate your modules. Save time by sending bulk orders and access all your data at a glance through your dashboard.



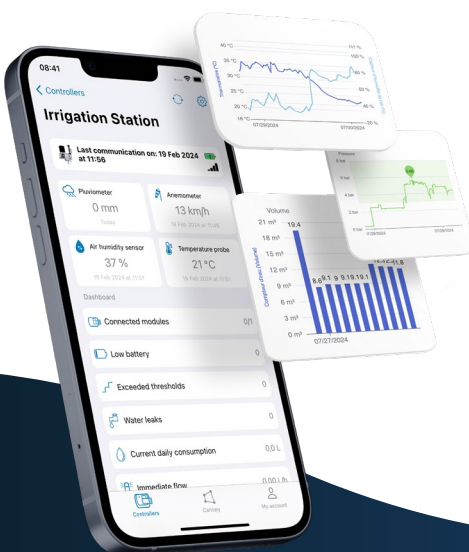
Stay connected at all times

4G down? Access your device on site through the MySOLEM app via Bluetooth.



Online Subscription

Subscribe to your plan via the MySOLEM app and platform. Simply select your subscription duration (1, 3 or 5 years), add your Irrigation Station in the app, and pay directly through the platform.



Install. Program. Automate.



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