

GrowSphere™ ONE

Field Monitoring Unit



GrowSphere™ ONE is a stand-alone monitoring unit that can be connected to a wide range of sensors and collect real-time data from the field, enabling optimal irrigation management.



/ Advanced Features

- Provided with a global SIM card for easy in-field setup
- Analyzed data can be easily transformed into action items
- Compatible with various sensors such as soil moisture, plant, pressure, and flow meters
- Combined with Crop Advisor's advanced Crop Models
- Data is continuously collected, stored, and visualized on the **GrowSphere™** workspace
- Available with an integrated or external solar panel to maximize radiation absorption

/ GrowSphere™ ONE - Technical Specifications

→ Type of Inputs

- 3X Analog Input
- 1X Serial Input
- 2X Digital Input

→ Environmental Specifications

- Operating temperature:
-10°C to 55°C (14°F to 131°F).
- Storage temperature:
-20°C to 60°C (-4°F to 140°F).
- Air humidity: 0 to 95%

→ Hardware

- Outdoor Installation: IP65 ,
UV protection
- Standard Compliance:
CE & FCC.*
- Power Source:
 - Solar panel 5.5 watt
(external solar panel is
provided with a 5m
extension cable)
 - Battery rechargeable li-ion
pack 3.7V 5200mAh
 - Optional operation via
external source (charging
cable is included)

*Certification in process

Technical Assets

