TECHNICAL DATA SHEET

Ikos Connect

Irrigation and climate automation



Description

Ikos Connect makes it easy to automate the equipment used on a farm (irrigation controllers, vents, misting...). From the IKOS App you can activate and schedule irrigation and stirring, and manage fertiliser units, vent opening and misting control. It gives growers and their team full control of the farm from the app, wherever they are.

Features

- Connectivity and control.
- Irrigation and stirring automation.
- Irrigation alarms and notifications.
- Remote control of the fertiliser unit.
- Greater irrigation efficiency and optimisation.
- Vent opening and misting control.

Technical specifications

Power supply	External power supply
Ports	6 configurable ports for smart or manual activation
Outputs	6 optocoupled outputs
Battery	A few hours of backup in case of power failure
Data storage	Unlimited capacity, with protection and backup
Microprocessor	ARM Cortex-M0+ 32 bit
Communications	GPRS
Button	On/off with status light
Protection	IP66
Dimensions	161 × 161 × 80 mm
Weight	600 g
Colour	Black

Available packages

NIMBUS SERIES · BASIC IRRIGATION SCHEDULING

Irrigation Panel Package

- 6 base signals + 1 expansion with 8 outputs (14 signals).
- Built-in 2G communication.
- Irrigation pump, fertiliser pump and stirrer.
- Up to 7 solenoid valves.

NIMBUS SERIES · CUSTOM

Irrigation Panel Package · custom

- Everything in the Irrigation Panel Package.
- Custom cabinet built by IKOS.
- Custom pump and solenoid valve connectors.
- No additional expansions supported.

PULSE SERIES · ON-DEMAND IRRIGATION AND CLIMATE

Irrigation and Climate Panel Package

- 6 base signals and up to 2 ADD expansions.
- Activation on demand of irrigation, ventilation, misting and shade screens.
- Integration with weather stations.

PULSE SERIES · CUSTOM

Irrigation and Climate Panel Package · custom

- Everything in the Irrigation and Climate Panel Package.
- Custom cabinet built by IKOS.