

# Galileo



**Galileo** is a computerized agricultural control system, among the most advanced in its field, for climate control and irrigation in green houses and irrigation control of large open fields, farms, orchards, turf, public gardens and more.

## Galileo Casings

There are two basic types of casings (small and large). The casings can be linked to each other forming a larger case through which the cables run internally.

## Galileo Models

The Galileo models operate on either 24VAC or 12VDC battery operating technology. The Galileo family is divided into different models based on the number of outputs and inputs:

**Galileo 16W** – 16 outputs, 8 inputs, 8 Analogs. (AC model only)

**Galileo 32W** – 32 outputs, 8 inputs, 14 Analogs. (AC model only)

**Galileo W (modular):**

The Galileo W models include input/outputs slots in which the I/O cards can be fitted.

**The available Galileo W models are:**

### Galileo W

a modular controller in the advanced "small casing"(4 slots).

### Galileo WEX

a modular controller in the advanced "large casing"(4 I/O slots and 4 protection slots).

### Galileo WEXX

a modular controller in the advanced "large casing"(8 I/O slots, 4 protection slots, L-485 slot). For full protection a small casing is added.

### AC Models

All of the models include:

- Power Supply - 24 VAC

- Output Voltages - 24 VAC
- Discrete Inputs – On/Off
- Analog Inputs – 4-20 mA

### AC I/O Cards

Each I/O cards can be fitted in any of the controller's slots.

- 8 Inputs/16 outputs - serves as a basic unit (is included in the price of the controller)
- 24 Outputs
- 16 Analogs
- Wire RTU Adapter – see more in the following RTU chapter
- One way Radio RTU adapter
- Two way Radio RTU adapter

### DC Models

- Power Supply: 12 VDC
- Consumption: 150 mA approx.(when the display is switched off)

- Outputs: 12 VDC latching
- Discrete Inputs : On/Off
- Analog inputs: 4-20 mA

### DC I/O Cards

- 8 inputs/8 outputs
- 16 analogs
- Wire RTU Adapter
- One way RTU Adapter
- Two Way RTU Adapter

