

GREEN FIELD

Irrigation Controller

BENEFITS

- Automated control enables extracting the maximum from your irrigations system
- Precision control improves fertilizer availability
- Alarms package keeps you up to date in real time about any issues that arise
- Advanced data storage enables high level of data analysis
- SD card enables simple firmware updates and backups



Green Field Irrigation Controller

Munters Green Field Irrigation Controller provides overall control and management over industrial farm irrigation systems, maximizing both the yields and quality of your harvests. Green Field's large range of functionality provides farm managers with the tools needed to automate the irrigation and fertigation processes.

Green Field is a modular system, enabling you to design the system that matches your exact requirements. Green Field's software package enables configuring dynamic irrigation programs, capable of responding to a large range of environmental inputs. Dosing programs provide your crops with the specific amount of fertilizers required, boosting plant growth while reducing expenses.

Green Field's hardware package supports analog input and output devices, digital and pulse inputs, surge protection devices, relay dry contacts and DC latch outputs. An advanced dual power CPU provides the computing power needed to run your controller. Use a cable or radio to connect the Green Field with your PC.

The controller can be integrated with Green Net, an advanced software program packaged in a user-friendly, colored GUI. Green Net enables remote control over product configuration and management, climate control, along with analysis of the controller's performance.



Hardware Specifications

- Power:
 - » Surge suppression on 115/230VAC power; 1 internal, 1 optional external
 - » Surge protection on inputs and outputs
 - » Dual power CPU, 115/230VAC or 12VDC
- Outputs:
 - » 24VAC outputs: Up to 64 (in modules of 8)
 - » Analog (0-100%): Manage dosing channels (up to 8)
 - » Relay dry contact: Up to 64 (in modules of 8)
 - » DC Latch (pulse): Up to 256 (via single cable RTU or Radio RTU)
- Inputs:
 - » Digital/pulse: Up to 16 (in modules of 8)
 - » Analog: Up to 22 (in modules of 11)

Communication:

- Up to 30 controllers in a network.

PC links Options:

- Wire
- Radio

Software Functionality

- Irrigation triggers:
 - » Radiation Sum
 - » Time
 - » VPD
 - » Soil Moisture Sensor
 - » External Conditions
- Dosing methods: Time and Quantity (bulk or spread), Ratio (1/1000)
- EC/pH, with digital and analog dosing channels
- 15 irrigation programs
- 40 valves per irrigation program, sequentially or grouped
- 10 dosing programs
- Cooling strategy, based on time and/or actual temperature and relative humidity sensors

EXPANSION BOXES
SUPPORT UP TO
256 OUTPUTS

Features:

- EC pre-control for drainage and fresh water pre mixing
- Continual measurement of irrigation drainage enables dynamic readjustment of irrigation levels
- Advanced EC/pH control with On/Off or analog dosing valves
- Multi-language user interface
- Supports pH treatment during quantitative fertigation
- Available option for remote control via Web



For more information this
product go to:

munters.com

or

CONTACT YOUR BUSINESS UNIT



 **Munters**

Australia Phone +61 2 8843 1594, agh.info@munters.com.au, **Brazil** Phone +55 41 3317 5050, contato@munters.com, **Canada** Phone +1 517 676 7070, aghort.info@munters.com, **China** Phone +86 10 8048 3493, marketing@munters.cn, **Denmark** Phone +45 98 623 311, aghort@munters.dk, **Germany** +49 (0) 25 58 - 93 92-0, **India** Phone +91 20 6681 8900, info@munters.in, **Indonesia** Phone +66 2 642 2670, info@munters.co.th, **Israel** Phone +972 3 920 6200, info@munters.co.il, **Italy** Phone +39 0183 5211, info@munters.it, **Japan** Phone +81 3 5970 0021, mkk@munters.jp, **Korea** Phone +82 2 7618 701, munters@munters.co.kr, **Mexico** Phone +52 818 2625 400, dinfo@munters.com, **Singapore** Phone +65 7 446 828, info@munters.com.sg, **South Africa and Sub-Sahara Countries** Phone +27 11 997 2000, info@munters.co.za, **Spain** Phone +39 0183 5211, info@munters.it, **Sweden** Phone +46 8 6266 300, info@munters.se, **Thailand** Phone +66 2 6422 670, info@munters.co.th, **Turkey** Phone +90 262 7513 750, info@muntersform.com, **USA** Phone +1 517 676 7070, aghort.info@munters.com, **Export & Other countries** Phone +39 0183 5211, info@munters.it

Your closest distributor