

IRRIGATION & FERTIGATION CONTROLLER

Control watering and fertigation

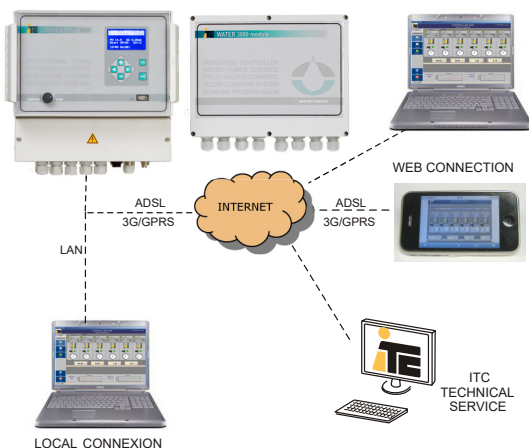
Complete controller for 96 blocks, 50 watering programs and 48 fertigation programs, with filter cleaning functions, pumps starters and independent dosing for 6 different products.

Simple and friendly interface to set up easily and accurately the irrigation system in local mode or remotely through web browser or smart phone.

TECHNICAL FEATURES

Power supply:	230 Vac (±10%) 50/60Hz
Current:	C3000 6 out 4-20mA: max. 350mA W3000 module 24 out 24Vac: max.350mA
Protection:	IP55
Working temperature:	0-45°C
Relative humidity:	95% (without condensation)
Modular:	up to 4 modules of 24 outputs
Inputs	Filters cleaning (dry contact) Emergency stop Flowmeter (high frequency- npn) Watermeter (low frequency -dry contact) EC, pH sensors Pressure transmitter (4-20mA)
Outputs	24 relay outputs for electrovalves and pump starters 4 relay outputs for water pump 6 realy outputs for filters 6 analog outputs for dosing pumps (4-20mA) Flow, pressure, EC and pH alarms
Communication	Ethernet port (local LAN or internet) USB port (3G/GPRS modem)

CONNECTIVITY



FUNCTIONS

Real time monitor:

- Water flow
- Pressure
- pH and EC readings
- Current irrigation program
- Current outputs
- Current fertigation program
- Dosing flows
- Alarms

Manual activation

- Switch on manually an irrigation program
- Stop manually an irrigation program
- Watering Factor in % to increase/reduce the watering time

Configuration

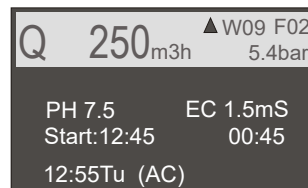
- Edit irrigation programs
- Filters cleaning configuration (periodicity)
- Edit fertigation programs
- Alarms set up

Data tracking for each block

- Water and product consumption
- Water flow and dosing flow readings evolution
- EC and pH readings evolution
- Log of alarms
- Export XML data for MS Excel

REAL TIME MONITORING

CONSOLE MODE



- Irrigation program (W09)
- Fertigation program (F02)
- Flow
- Pressure
- pH and EC readings
- Starting time
- Time left
- Time

WEB BROWSER MODE

- Irrigation program
- Starting time
- Time left
- Time
- Water pumps on
- Valves on
- Filters in cleaning mode
- Fertigation programs
- Dosing flows
- Dosing ratio (versus water flow)
- Flow
- Pressure
- pH and EC reading

