



Agricultural



Turf & Landscape



Water Distribution



Municipal Water



Special Projects

## IRRIInet ACE

A New Generation Field Unit Expands the IRRIInet System Capabilities



### IRRIInet ACE

### Features and Benefits

A new generation field unit expanding the IRRIInet family of products providing versatile expandable solutions.

The IRRIInet ACE allows the integration of existing and new IRRIInet systems using powerful communication capabilities via numerous types of media: radio, cellular, Wi-Fi, wire line etc.

The modular design of the IRRIInet ACE provides large scalability and powerful field units to the IRRIInet family of solutions.

Greater installation flexibility is provided with support of 3<sup>rd</sup> party sensors and PLC units as well as multiple communication options including broadband data over TCP/IP, radio, cellular and wire line.

#### Integral unit of the IRRIInet and ICC Solution

IRRIInet ACE is compatible with the ICC (IRRIInet Control Center) software and with all IRRIInet line of products

#### Variety of Modules

The IRRIInet ACE offers a wide range of I/O modules (digital and analog) to facilitate water & irrigation control and monitoring applications

#### Communication Ports

- Port 1 (optional plug in) - Ethernet 10/100 Mb/s, radio, RS232, RS485
- Port 2 - Configurable RS232 /RS485
- Port 3 - RS232
- Port 4 - Ethernet 10/100 Mb/s
- Port 5 - (optional plug in) Radio modem, RS232, RS485 or Ethernet 10 Mb/s

#### Piccolo XR Connectivity

The IRRIInet ACE may be connected to a PIU (Piccolo-XR Interface Unit) and activate Piccolo-XR RTUs

#### Software Capabilities

- 500 outputs
- 500 inputs
- 250 main lines
- 400 programs
- 400 groups

#### Remote Connectivity

On-site and remote programming

#### Power Source

- 10.8-16VDC
- 18-72VDC with / without battery charger
- 100-264VAC with / without battery charger

#### IRRIInet Applications

- Municipal Landscape Irrigation
- Rural Water Distribution
- Agricultural Irrigation Control Systems
- Municipal Water Control
- Lighting and Fountain Control
- Waste Water Control
- Golf Course Irrigation Control



**MOTOROLA**

# System Topology

## Management & Control Center



## Field Units



## Remote I/Os



**Mottech is a worldwide master distributor of Motorola's IRRInet systems**

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