



Agricultural



Turf & Landscape



Water Distribution



Municipal Water



Special Projects



## IRRInet M

A New Generation Field Unit  
Expands the IRRInet System Capabilities

### IRRInet M supports 3 operation modes

#### 1. RTU

A Remote Terminal Unit performing irrigation and water control functions and reporting to the IRRInet Control Center (ICC) Software.

#### 2. Remote I/O

Serving as a “slave” distributed I/O for a “master” unit that performs all irrigation and water control functions.

#### 3. Stand Alone

Performing irrigation and water control functions as a stand-alone unit.

### Features and Benefits

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

IRRInet M is compatible with the ICC (IRRInet Control Center) Software and with all IRRInet line of products

#### I/O Capacity (AC and DC models)

Basic model: 12 outputs, 4 inputs

Expansion: 12 outputs, 4 inputs

Expansion: 4 analog inputs, 3 digital inputs, 1 analog output

#### Communication Options

- RS232 (e.g. for Serial Communication, GPRS, Wi-Fi, WiMAX etc.)
- RS485 (e.g. for Parallel Communication)
- UHF/VHF radio
- Multidrop wireline

#### Software Capacity

250 outputs and 250 inputs

200 programs

125 main lines

200 groups

#### Unique Store & Forward Feature

The IRRInet M may operate as an RTU (Remote Terminal Unit), as well as a data repeater in the IRRInet System

#### Remote Connectivity

On-site and remote programming

#### Piccolo-XR Connectivity

The IRRInet M may be connected to a PIU (Piccolo XR Interface Unit) and activate Piccolo XR units

#### Power Options

- 24 VAC
- 12 – 30 VDC

#### IRRInet 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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