System Configuration

Control Center

ICC Client   Service (STS)   ICC Server

LAN

IRRInet-FIU

Field Units

IRRInet-XL/XM*   IRRInet-ACE   **IRRInet-M (Master)**

Remote I/O's

Single Cable Piccolo RTUs*   Scorpio*   Impact*   **IRRInet-M (Slave)**   Piccolo XR   *Previous Generation Products

Cost Effective Water Control System Suitable for Various Applications:

- Water distribution
- Municipal water control
- Agricultural control systems
- Turf/landscape systems

Wired and wireless communications options

Multilingual software: Change language on the fly

Effective alarm system: Supports paging and SMS

Remote manual commands

Real-time and historical trends data logger

Tariff/Time (TATI) water accumulation programs

Fully Graphical User Interface (GUI)

Operate previous generation products and new products in the same system

I/O Capacity (AC and DC)

- Basic Board: 12 outputs, 4 inputs
- Expansion: 12 outputs, 4 inputs

Software Capacity (AC and DC)

- 250 Outputs
- 250 Inputs
- 125 Main lines
- 200 Programs
- 200 Groups
- 25 Virtual meters
- 50 Fertilizer pumps
- 100 Remote I/O units (IRRInet-M slaves)

Communication Ports (AC and DC)

- Port #1: RS232 or RS485
- Port #2: RS232
- Port #3: Radio or line

LED Display (AC and DC)

- 20 LED's for status display and service

AC Model Power Source

- 24 VAC – this will operate the whole unit including 24 VAC solenoids
- 12 VDC – when connected, will operate the unit and will activate the internal relay outputs

DC Model Power Source

- 12 VDC – this will operate the whole unit including the DC latch solenoids

Why Motorola?

Motorola has, for the past seventy-five years, been one of the world's leading providers of electronic components, Radio Frequency (RF) solutions and communications systems. For over three decades, Motorola has been providing reliable wireless water and irrigation control systems and now has over hundred thousand installations worldwide, in a wide range of applications. With global distribution and service centers, Motorola experts are close to customer systems with integration services and training. The IRRInet System combines Motorola's technology leadership with proven reliability through local support teams.

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IRRInet-M – AC & DC Models

New Generation Field Unit, Expanding the IRRInet Control System

Today, more than ever, water and irrigation applications depend on reliable control systems and well timed access to information. When absolute control is crucial, you can rely on Motorola's IRRInet control system.

A full featured part of the IRRInet control system, IRRInet-M supports three modes of operations:
- RTU – Performing all irrigation functions, reporting to the IRRInet Control Center (ICC).
- Stand Alone – Performing all irrigation functions as a stand-alone unit when the system is installed without an ICC.
- Remote I/O – Serving as a distributed I/O for another unit that performs all irrigation functions (applicable when multi-site control synchronization is needed).

With DIOS connectivity, the IRRInet-M can activate Piccolo-XR units with its PIU functionality. On site programming is supported by pocket PC connectivity.

Available in both AC and DC models, installation options include wall mount or DIN-rail mounting.