

IRRIInet-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)
- Ideal for locations with no power

With DIOS connectivity, the IRRInet-ACE can activate Piccolo-XR units with its PIU functionality. On-site and remote control is supported by four modes of connectivity.

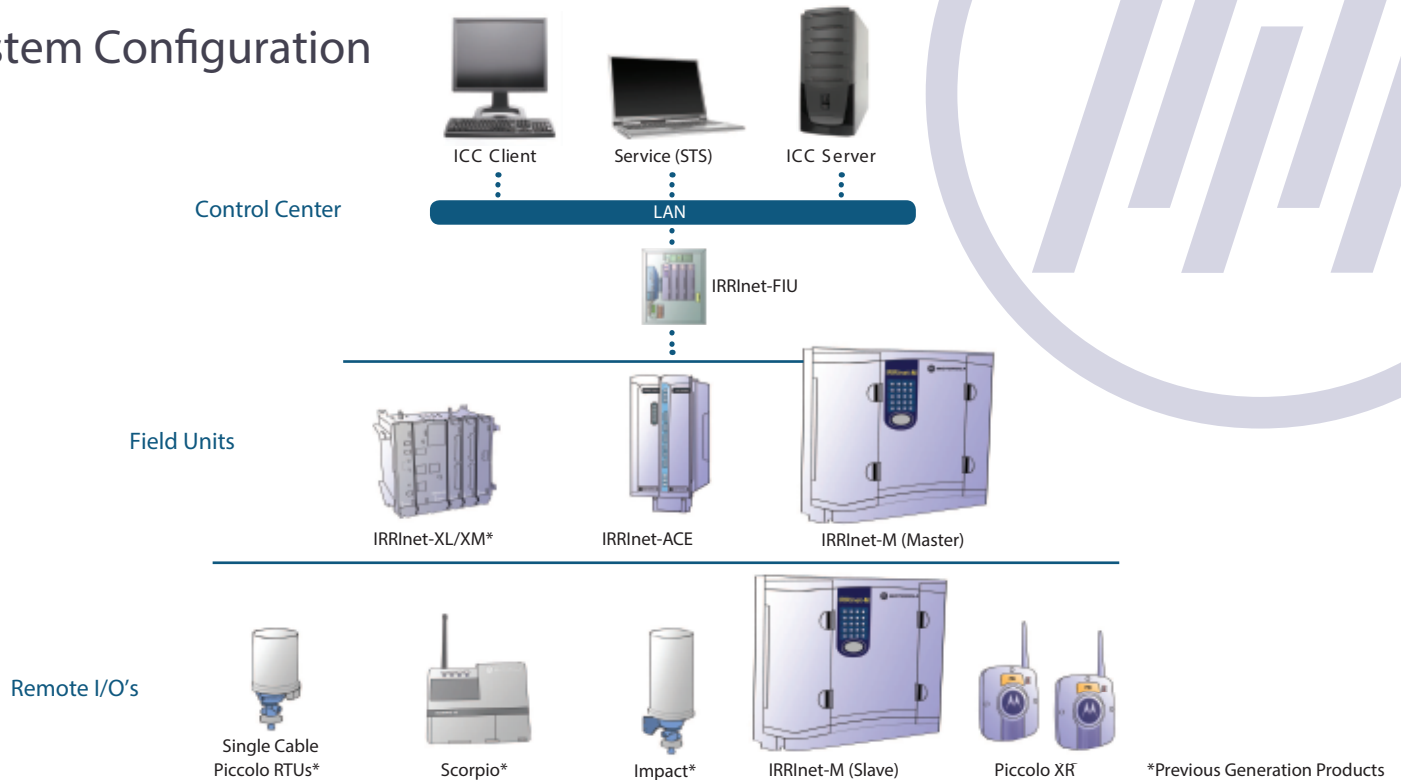
1. Terminal Application
2. ICC Client
3. Reply SMS
4. ICC PRO

Installation options include various Complete Assembly Systems-depending on the exact application.

For the last 45 years, we could not find a valid reason to charge recurring fees. And we have no plans to change. Never any fees.



System Configuration



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

6 SIGMA Manufacturing
MTBF:30 years
ISO Quality (ISO9001:2000)
health and safety (OHSAS 18001),
and environmental management
(ISO 14001:2004) standards.

Motoir

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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-fi years, been one of the world's leading providers of electronic components, Radio Frequency (RF) solutions and communications systems. For over four decades, Motorola has been providing reliable wireless water and irrigation control systems and now has over a hundred and forty 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.

About Motoir

Motoir is your System Integrator, Distributor and Support provider of Motorola Irrigation products. A network of Authorized Dealers and Motorola Irrigation support teams are located nearby to support customers. To find a Motoir Dealer, visit www.motoir.com/dealer



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