



Piccolo-XR

New Generation Node 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.

As a full featured part of the IRRInet control system, Piccolo XR is a versatile remote node with the power to control Pumps, Valves, and Pivots and the ability to read flow, moisture, and pivot speed-and thats just the beginning.

Operating on UHF radio, the Piccolo XR can operate up to 10 miles away from a Master IRRInet. Additionally, multiple Store and Forward capabilities significantly extend the range of the Piccolo XR.

The Piccolo XR comes complete with the Complete Assembly System wich is NEMA 4X rated.

Remote control is provided by 4 types of connectivity.

1. In the Field
2. Online
3. On the Go (iOS or Android App)
4. ICC PRO Desktop Applicaiton

No Fees

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



Water Management System Datasheet

Control Center

LAN/WAN



IRRInet-IFI (Router)

Radio

Field Units



IRRInet-XL/XM*



IRRInet-ACE



IRRInet-M (Master)

Radio

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

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.

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Frequency range (PIU and Piccolo XR)

- 430-450MHz
- 450-470MHz

PIU - I/O capacity

- Up to 248 inputs and 248 outputs
- Internal UHF two way radio
- RS232 communication to IRRInet field unit
- RS485 communication to IRRInet field unit

Piccolo XR and PIU Power Supply

- External 6VDC for Piccolo XR
- 6 to 12VDC for PIU

Available I/O models

- 1 DI / 1 DO
- 2 DI / 2 DO
- 4 DI / 4 DO
- 7 DI / 1 DO

Environmental Conditions

Operating temperature: -30° C to + 60° C
(-22° F to + 140° F)

FRU - Field Ready Unit

6 VDC – this will operate the whole unit and
Solar Kit.+Sensor/Solenoids/Relays
Weather Proof NEMA 4X Lockable
Secure Enclosure

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 Branif Systems

Branif Systems is your Systems 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 Motolr Dealer, visit
www.motorlairrigation.com/dealer



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