

Control Solutions

Aquamonix RiC Module



The Aquamonix RiC Module (Remote Irrigation Controller) is a reliable solar powered, wireless system and can be used as an extension to a Aquamonix Hybrid Controller or networked to the Aquamonix Micro Central Control System.

The Aquamonix RiC Module is a networked satellite module that uses solar power to operate DC Latching outputs, that can be used to operate valves, or relays to start/stop pumps and engines.

The Aquamonix RiC uses a spread spectrum, licence free radio bandwidth, providing a stable communications network. Each RiC can be configured as a Base, Repeater or Satellite unit allowing long distances to be covered and multiple network clusters established.

Full programming and scheduling is a function of the base controller with the RiC serving as a wireless extension.

The RiC Can also be used as a wireless node to relay data back to the base controller via onboard serial ports.

The Aquamonix RiC Module is suitable for many applications and is typically used for,

- Municipal Park Irrigation
- Golf Course Irrigation
- Landscape Irrigation
- Vineyard Irrigation
- Traffic Islands
- Agricultural Irrigation
- Dust suppression Systems
- Pump Start
- Engine Control
- Tank Fill



Standard Features		
Communications  Radio Link	Latching Outputs 8	Pulse Inputs 2
Power Options		
Mains/Genset 	Solar/Battery 	Solar Regulator Onboard ✓
Standard Outputs		
Valves 	Master Valve 	Pump/Engine 
Standard Inputs		
Water Meters 	Rain Gauge 	Soil Moisture 
Maximum number of RiC units		
	Networked to Stand Alone Aquamonix Hybrid	12 per Controller
	Networked to Aquamonix Micro Central Control	120 per Central
Mounting Options		
Pole Mount IP66	Panel Mount IP22	Project Pack IP66

Whatever your application there is a Aquamonix Control Solution to suit your requirements.

Consult the Aquamonix Product Guide for standard formats, special builds are available on request.