

The Irrigation Point Controller (IPC) is a radio programmable sprinkler controller designed for use with fixed (solid) set irrigation systems. It provides scheduled or on-demand operation of a single solenoid controlled latching valve and can store multiple operating times. Communication interfaces allow monitoring and control via dedicated handheld radio equipment, or via our Irrigation Management System app available on your smartphone, tablet or desktop.

Key Features

- Fully encapsulated electronics (completely water proof)
- Autonomous operation with or without a radio connection
- Real time clock/calendar for cyclic watering operations
- Field replaceable battery
- Maximum of 255 minutes per irrigation event and up to 16 operations per cycle
- Battery operation with solar power charging
- Mesh radio network or direct (point to Point) communications for configuration, monitoring and additional control.
- Range extensibility and optional repeater operations
- Suitable for rolling downs or high-country operation and difficult terrain, ideal compliment to pivot operation for corner filling.
- Fully integrated with Water-Insight cloud-based Irrigation Management System (IMS).



Item	Parameter	Specification
General		
	Dimensions	Approx. 77 x 117 x 65 mm
	Weight	390gm
	Temperature	Operating: -10–70°C Storage: -10–70°C
	Humidity	100% condensing
	Ingress	IP67
	Power	3.7 V, 1500mAh Li-Po Battery
Input/Output		
	Output	12 V, 4 ohm pulse actuated latching solenoid valve
Radio		
	Regulatory	ISM band, AS/NZS 4268
	Antenna	2.1 dBi stubb antenna
	Operating Frequency	915 mHz – 928 mHz
	Output Power	20 dBm (100mW)
	Receiver Sensitivity	-121 dBm
	Modulation	GFSK
Communications		
	Device Management	Local (on Farm): via radio to EP3 handheld computer Web: using IMS
	IMS Interface	Via Water-Insight INC internet gateway