EP3 Data Sheet

WATER-INSIGHT

The EP3 Data Manager is a wireless handheld computer used to configure and operate Water-Insight IPC's The EP3 communicates directly with IPC's in point to point (local) mode or via the Water-Insight mesh radio network. Configuration files for IPC device management, scheduling and firmware upgrades are easily loaded into the EP3 via a removable SD card. Ideal for managing small irrigation systems, the device is also used by installers for large scale deployment of solid set irrigation equipment.

Key Features

- Touch screen user interface for IPC status reporting, configuration and control
- Real time operating system
- Boot loader mode to enable field upgrades of the IPC firmware
- Individual management of IPCs
- Built in radio spectrum analyser
- Data collection tool for soil moisture sensors, soil temperature sensors and rain gauge

Item	Parameter	Specification
General		
	Dimensions	Approx. 150 x 90 x 25mm
	Weight	650gm
	Temperature	Operating: 0-65°C Storage: 0-65°C
	Humidity	0-90% condensing
	Ingress	IP20
	Power	Input voltage: 3V (2 x 1.5 Li-ion batteries) Current: 0.2A Max.
Input/Output		
		None
Radio		
	Regulatory	ISM band, AS/NZS 4268
	Antenna	2.1 dBi stubb antenna
	Operating Frequency	915 mHz – 928 mHz
	Output Power	18 +/- 2 dBm
	Receiver Sensitivity	-121 dBm
	Modulation	GFSK
Communications		
	Device Management	Front panel touch screen
	USB	USB 2.00 Type B Interface (reserved for factory use)
Storage		
	Data retrieval and configuration	SD Memory Card, Secure Digital SDA 2.0

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