



Fluid Conservation  
Systems

FLOW MEASUREMENT • DATA LOGGING • LEAK DETECTION • PRESSURE CONTROL • ENVIRONMENTAL MONITORING • AMR • ENERGY MANAGEMENT

# SoundSens "i"

*Correlating Noise Loggers*

The new SoundSens "i" system of correlating loggers and the latest software has been designed for high performance, versatility and speed of operations in the field.

Operators can set up and download data without a PC if preferred. The unit can store up to a weeks survey data before downloading to a PC, thereby making field operations more flexible. Loggers are downloaded via infra-red signal and so there is no requirement for direct physical connection via wires. This makes deployment and downloading much faster.

Boxes of loggers can be connected together to allow simultaneous programming and downloading of data from all loggers. This, combined with a USB connection for easy communication with a PC means that leak detection is quick and efficient.

With a typical five year battery life, LCD screen with backlight and simple push button interface, the SoundSens "i" is ready for action day or night.



## KEY BENEFITS

- User can setup loggers and download data without using PC.
- Quick setup for day or night recordings.
- Custom recording setup available.
- Multiple downloads of data can be stored.
- USB communications with PC.
- Infra-Red wireless connection with loggers.
- Simultaneous communications with all loggers for fast recording setup and data download.
- LCD screen with backlight.
- Push button interface.
- Battery LED indicates when battery is running low.
- 5 year battery life for loggers.
- Multiple cases can link together to set up and download.

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### Fluid Conservation Systems

*A Division of FCS-Water Ltd*

502 TechneCenter Drive, Suite B, Milford, Ohio 45150 USA

Tel: (513) 831-9335 / (800) 531-5465 Fax: (513) 831-9336

fcsinfo@fluidconservation.com

www.fluidconservation.com





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Sensor Input		Internal High Performance Accelerometer to pickup audible noise in pipeline
	Attachment of logger/ sensor	Powerful magnetic coupling to attach Correlator Pod to pipework / valve
Logging Features	Memory	Recording 650,000 readings. (memory expandable to 1.35 million readings on request)  Individual measurements can be pre-programmed into a series of 32 separate recordings
	Sample Rate	User adjustable
	Delayed start	Either start at a nominated time, or after set delay period, e.g; for unmanned night-time correlation
	Logger ID	Factory set Logger ID number  Also user can enter another logger Identity number to simplify recognition for operators
	Clock	On board 24 hour real time clock with date facility.
	Software	Compatible with Radcom "SoundSens" analysis software
	Communications	Case to PC
Case to Pods		Simultaneous communication from case to pod via infra red
Case to Case		Via 9 pin RS232
Physical	Dimensions	Individual Advanced Correlator Pod now with reduced dimensions: 6.3" H x 2.6" D (160 H incl Magnet x 55Diam mm (6.3H x2.10D"))
	Construction	CPod: Die-cast aluminium enclosure, powdercoat spray painted  Carry Case: Rugged construction with Aluminium Cladding
	Weight	Individual Correlator Pod: 1.54lb (0.7 kg)
	Carry Case	Supplied in 2 - 4 pod case or 6 - 8 pod case  (Any number of cases can be connected together)
	Operating temp	14°F to 122°F (-10 to +50°C)
	Ingress protection	Individual Correlator Pods: IP68 submersible
	Power	Correlator pod has Lithium-ion cell operational for 5 years under normal operating conditions  Carry Case interface unit contains NiCad battery which typically requires charging monthly or less. 240 /110v switch mode charger supplied in kit with mains lead.

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FCS reserves the right to change any product specification without prior notice