



## PHOCUS3

A noise logger designed for detecting and localising water leakage quickly and efficiently

### PHOCUS3 LOGGER SPECIFICATION

#### Local IR Communications

#### Radio Communications

Sensor Sensitivity	5V/g	5V/g
Sampling period	1 second	1 second
Measurement epochs	3 x 15 minutes or 1 x 45 minutes	3 x 15 minutes or 1 x 45 minutes
Data memory	8 Megabits	8 Megabits
	~1year data + 90secs audio	~1year data + 90secs audio
Infra-red communications range	50cm	50cm
Radio transmission - frequency		868MHz / 915MHz
power		15mW / 10mW
range		50 metres line of sight
Power	Lithium battery	Lithium battery
Operating life	10 years	5 years
IP rating	IP68	IP68
Operating temperature	-10°C to 50°C	-10°C to 50°C
Dimensions - not including handle	92 x 40mm dia.	
with handle	113 x 40mm dia.	
height to TNC		105 x 40mm dia.
inc. stub antenna		163 x 40mm dia.
Weight	230 gram	240 gram

### COMMUNICATIONS MODULE SPECIFICATION

Display	Daylight visible LCD
Data memory	32 Megabits
	~1 week of data for 100 loggers + 360 seconds audio (total)
PC communications	USB
Power supply	Rechargeable NiMH battery
Operating life	>12 hours
Operating temperature	-10°C to 50°C
Dimensions	150mm x 90mm x 25mm
Weight	235 gram

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