EnviroMon Data Loggers

At the heart of the EnviroMon system is the data logger, which takes readings at intervals from one minute to four hours. The logger can send reports to a printer at specified intervals, or can transfer data to a computer for long term storage and graphical analysis. The logger contains back–up batteries so that it continues recording if the mains power fails.

The loggers can be used in a number of ways:

- As data logging system. The logger collects data unattended for a period of time (say a week), it is then connected to a PC to download the data for display, storage and analysis.

- As a remote data logging system. The logger(s) are sited remotely (either at a fixed location or on a truck, ship etc) and data is downloaded periodically to a local PC via a modem (radio, telephone or GSM) or even via the internet.

- As a data acquisition system. The logger is permanently connected to the PC, so that readings can be monitored real time on the PC screen. Data can also be published to a website — see dynamic web pages for more information

EL005 Data Logger

The EL005 logger has no display or buttons, and so must be connected to a computer or printer to view the data. The EL005 has a large 250,000 sample memory and long-life internal rechargeable batteries. This combination makes it ideal for recording data over long periods of time.

The EL005 does not have an internal alarm: if you need an audible alarm, connect an EL006 audible alarm unit to the network.

The EL005 logger has internal re-chargeable batteries. These batteries are kept topped up whilst mains power is available, and will keep the system running for up to 72 hours during a mains power failure.

EnviroMon Data Logger Specifications	
Logger	EL005
Sampling rate	1 to 240 minutes per sample
Max number of readings	250,000
Max number of converters	10
Max number of sensors	40
Support for GSM / SMS	Yes
PC Connection	Serial port
Power	12 V DC (mains adaptor)
Battery backup	Internal rechargeable NiMH cells

Buy an EL005 Data Logger