

Overview

The Data Logger allows count information to be associated with the date and time, and for the data to be downloaded onto a PC for flexible and detailed data analysis. This provides invaluable usage and management information.

The logger is a small microprocessor based unit connected to the counter. It is contained within housing or integrated within the counter. It has a long battery life and will retain the data even if the battery goes flat or has been removed.

The data obtained from the logger is: counts, date and time period. For example, 20 counts on 23rd March 2009 between 10:00 and 10:10 am.

Set up and download

Counts are recorded for each time period and a time period can range from minutes to days. The user can change the time period during set-up. A time period should be selected so that the number of counts per time period does not exceed 255. The logger can be set up with a delayed 'start' date and time.

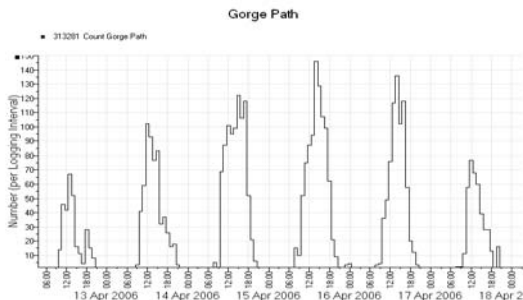
The counter is downloaded by connecting the logger to a PC, laptop or netbook using the supplied USB data cable. Downloading can be done in the field or office, and the logger is easily removed from the unit if required. The data storage capacity is large and downloading can be done to suit operational requirements.

Data from multiple counters can be downloaded into one file for comparative purposes.

Software

The software displays the raw data (counts, time, date), a graph of count against time and provides basic statistics such as total and maximum counts. There is a 'zoom' facility for viewing the data.

Data from logger downloaded into software:



Features

- ♦ Records counts per time period
- ♦ Time periods are defined by user and can range from minutes to hours
- ♦ Delayed start date and time facility
- ♦ Logs for 670 days for 1 hour time periods
- ♦ Long battery life and always retains data
- ♦ Downloads to PC with the supplied USB cable
- ♦ Waterproof to IP67
- ♦ Software output: data, graphs, basic statistics
- ♦ Easy export of data to spreadsheets, etc

Benefits

- ♦ Usage & trend information obtained
- ♦ Comparative data between locations available
- ♦ Easy to set up and download
- ♦ Flexible set-up options to meet user requirements
- ♦ Large data storage capacity allows infrequent download of data
- ♦ Long battery life
- ♦ Data easily exported for analysis in Excel or similar programmes

Target Applications

- ♦ Any location benefitting from analysis of count data
- ♦ Outdoors: paths, trails, forestry tracks, ski paths, towpaths, parks, gardens, historic sites, ancient monuments, etc
- ♦ Indoors: shopping centres, museums, libraries, stately homes, visitor centres, bus stations, public toilets, etc

Data Logger

Specifications

Data Logger Unit

Time period:	User defined, from minutes to hours
Information Stored:	Number of counts per time period Time and date of time period Text to identify counter
Maximum counts per time period:	255
Total number of time periods:	65,244
Maximum logging time:	2718 days for time periods set for 1 hour
Start time and date:	User defined. Can be pre-set to start at specified date and Time
Dimensions:	60mm x 50 mm x 35 mm
Waterproofing:	BS IP67
Batteries:	One ½ AA lithium (life > 2 years)
Housing:	Polycarbonate
Interface leads:	Waterproof connector on counter and logger USB download lead (supplied with software)
Indicators:	'Logging in progress' LED
Compatible counters:	All Chambers counters except the Indoor IR5 and DIR5

Software

PC requirements :	Windows 2000, XP or Vista, Processor 200MHz, 512 MB RAM, 13 Mbyte hard disc space
Data view options:	Raw data table, Graph, Basic Statistics
Output format:	csv, xls, xml, txt

Options

Data analysis service:	We can provide further statistics and customised graphs from your raw data (to your requirements)
Excel spreadsheet:	We can provide an Excel spreadsheet that automatically summarises your data by time (hours, daily, monthly, etc) and date (to your requirements)



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