

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. The logger is contained within the housing or the posts for all units. The logger can only be accessed when the housing or posts are opened using the supplied security tools. The data cannot be tampered with as the download requires the supplied software and specialised lead (supplied with software).

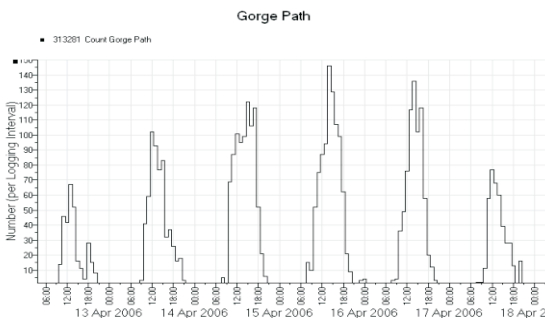
All Chambers indoor and outdoor counters use the same logger and software.

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

Example of raw data output (from software):

Serial No:	319517
Device:	Chambers Logger
Description:	Visitor Centre
Date & Time	Count
18/02/2008 12:00	40
18/02/2008 12:10	45
18/02/2008 12:20	32
18/02/2008 12:30	50
18/02/2008 12:40	55
18/02/2008 12:50	62
18/02/2008 13:00	41
18/02/2008 13:10	30

Example of graphical output (from software):



Data Logger:

- Records counts per time period so that counts are associated with a date and time
- Time periods are defined by user during set-up and can range from minutes to hours.
- Counters are 'named' so that data from multiple locations is easily monitored. Names can be changed during set-up.
- The logger has a large data storage capacity allows infrequent download of data.
- Logger has long battery life and always retains data.
- Data is held securely from the public and cannot be tampered with.

Software and Download:

- The software is intuitive and gives raw data, graphical output and basic statistics (total, maximum counts, etc).
- There is a 'zoom' facility for the graphical interface.
- Data is easily exported as *.csv file to Excel or other programmes. Other export formats available
- Download is easy. The data is downloaded onto a PC or laptop using the USB data download lead. It is easy to connect the lead to the logger.
- Data from multiple locations can be downloaded into one file for comparative purposes
- Loggers can be downloaded 'in situ' or in office
- Outdoor counters: Spare logger can be set up with pre-set time/date 'start' time so loggers can be exchanged in the field.
- Software can be loaded on multiple PCs so only 1 copy per organisation is required.
- There is no on-going maintenance or upgrade charges.

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:	16,384
Total number of time periods:	32,000
Maximum logging time:	1338 days for time periods set to 1 hour
Start time and date:	User defined. Can be pre-set to start at specified date & time
Dimensions:	60mm x 50 mm x 35 mm
Waterproofing:	BS IP67
Batteries:	One ½ AA lithium (life > 2 years)
Housing:	Polycarbonate or internal to unit (all indoor counters)
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
Battery check	Battery checked when logger connected to PC

Software

Minimum PC requirements :	Windows 2000, XP, Vista, or 7. Processor: 1.6GHz. 1024 MBb RAM, 120 Mb hard disc space. Internet Explorer version 7 or above
Data view options:	Raw data table, Graph, Basic Statistics
Output format:	csv, xls, xml, txt

Options

Data analysis service:	Email us your data and we will 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)



A & P Chambers Ltd. Kaluna House, Nairnside, Inverness IV2 5BU
Tel: +44 (0) 1463 790400 Fax: +44 (0) 870 1617442
e-mail: sales@chambers-electronics.com
www.chambers-electronics.com

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