

USB-LITE

Low Cost USB Temperature Logger



- -10°C to +50°C (+14 to +122°F) measurement range
- 30 minute sample rate
- USB interface for set-up and data download
- User-programmable alarm thresholds
- Status indication via red and green LEDs
- Supplied with replaceable internal lithium battery and Windows control software



This low cost data logger measures and stores up to 4,080 temperature readings over a -10 to +50°C (+14 to +122°F) measurement range with a fixed 30 minute sample rate and a battery life of 1 month continuous use. Press the button and a red/green LED indicates whether a preset alarm level has been recorded. The data logger is configured and the stored data downloaded by plugging the data logger into a PC's USB port and running the purpose designed control software under Windows 2000, XP, Vista, 7 or 8. The downloaded data can be graphed, printed and exported to other applications. The latest version of the control software may be downloaded free of charge from: www.brannan.co.uk. A battery is fitted; to begin using the data logger, remove the tab.

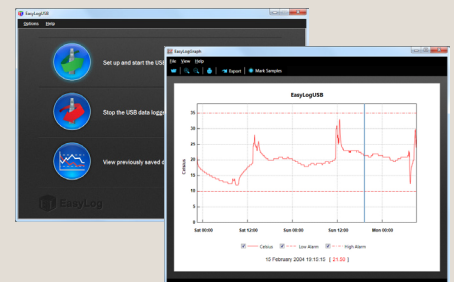
Specifications	Minimum	Typical	Maximum	Unit
Measurement range	-10 (+14)		+50 (+122)	°C (°F)
Internal resolution		1(2)		°C (°F)
Accuracy (overall error)			±2.5 (±4.5)	°C (°F)
Logging rate	every 30 minutes			
Operating temperature range	-10 (+14)		+50 (+122)	°C (°F)
Battery Life (CR1620 Lithium coin cell)	1			Month

FREE PC CONTROL SOFTWARE POWERED BY EASYLOG

The Brannan control software is available as a free download from www.brannan.co.uk. Easy to install and use, the control software is compatible with 32-bit and 64-bit versions of Windows XP, Vista, 7 & 8. The software is used to set up the logger, download, graph and annotate data or export in Excel, PDF and jpeg formats.

The software allows the following parameters to be configured:

- Logger name
- Measurement parameter (°C or °F)
- Logging rate (customisable between 1 second and 12 hours)
- High and low alarms
- Immediate and delayed logging start



Download the latest version of the software free of charge from www.brannan.co.uk

www.filesthrutheair.com +44 (0)1425 651111 sales@filesthrutheair.com

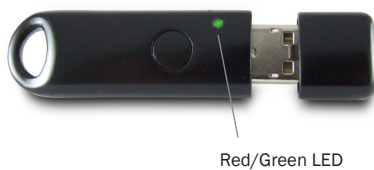
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LED FLASHING MODES

USB-LITE features a bi-colour LED to indicate the status of the data logger. To save power, the status indication only operates when the push button is pressed for a short while.



Green single flash

The data logger is currently logging. No alarm on the channel.



Red single flash

The data logger is currently logging. Low alarm on the channel.



Red double flash

The data logger is currently logging. High alarm on the channel.

BATTERY REPLACEMENT

We recommend that you replace the battery every 1 month, or prior to logging critical data. The USB-LITE does not lose its stored readings when the battery is discharged or when the battery is replaced; however, the data logging process will be stopped and cannot be re-started until the battery has been replaced and the logged data has been downloaded to a PC.

For maximum logging life, only use Maxell or Panasonic CR1620 lithium batteries. Before replacing the battery, remove the USB-LITE from the PC.

Note:

Leaving the USB-LITE plugged into the USB port for longer than necessary will cause some of the battery capacity to be lost.

WARNING

Handle lithium batteries carefully. Dispose of in accordance with local regulations.