

Product data sheet

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USB-LITE TEMPERATURE DATA LOGGER

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 software under Windows 10, 8, 7, 2000, XP and Vista. The downloaded data can then be graphed, printed and exported to other applications.

Product features:

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



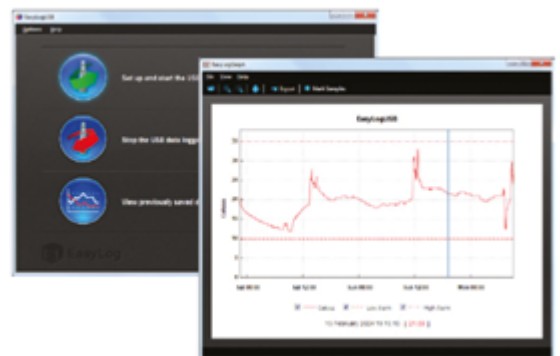
	Minimum	Typical	Maximum
Temperature measurement range	-10°C/+14°F	-	+50°C/+122°F
Internal resolution	-	1°C/2°F	-
Accuracy (overall error)	-	-	+/-2.5°C/4.5°F
Operating temperature range	-10°C/+14°F	-	+50°C/+122°F
Logging rate	every 30 minutes		
Battery life (CR1620 lithium coin cell)	1pc per month under continuous use (fitted)		

Control software

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 and 8. The software is used to set-up the data logger, download and annotate data or export data in Excel, PDF and jpeg formats.

The software allows the following parameters to be configured:

- Logger name
- Measurement parameters (°C or °F)
- Logging Rate (customisable between 1 second and 12 hours)
- High and low alarm levels
- Immediate and delayed logging start



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LED flashing modes

This data logger 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.

 Red/Green LED	 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. This data logger 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. Only use CR1620 lithium battery. Before replacing battery, remove the data logger from your PC.

Note: Leaving the data logger plugged into the USB port for longer than necessary will cause some of the battery capacity to be lost.

WARNING - Handle lithium batteries carefully, observe warnings on battery casing.
Dispose of in accordance with local regulations.

Dimensions & weights:

Product dimensions:	Net: 18.5mm x 68mm Gross: 100mm x 140mm x 40mm
Product weight:	Net: 12g (incl. battery) Display box & instructions: 23.5g Gross: 37g (incl 1.5g plastic bag)
CE/ROHS/WEEE:	Compliant
Hazard information (SDS):	See brannan.co.uk for information

Description	Barcode	Product no
USB-lite data logger	5 011405 387509	38/750/0

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