

EL-USB-LITE

Low Cost USB Temperature Data Logger

This low cost data logger measures and stores up to 4,000 temperature readings over a -10 to +50°C measurement range with a fixed 30 minute sample rate and a battery life of 30 days continuous use. Press the button and a red/green LED indicates whether a preset alarm level has been breached.

The data logger is configured and the stored data downloaded by plugging the module into a PC's USB port and running the purpose designed control software under Windows 98, 2000 or XP. 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.lascarelectronics.com.

FEATURES

- -10°C to +50°C Measurement Range
- 30 Minute Sample Rate
- 30 Day Battery Life
- Red/Green Alarm Status Indication via Button
- USB Interface for Set-up and Data Download



DATA LOGGER SET-UPS

- Logger Name
- Measurement Range : °C or °F
- High and Low Alarm Levels

ORDERING INFORMATION

1-off Data Logger	Stock Number EL-USB-LITE
Replacement Batteries (10 pack)	BATT-XXX-10

SPECIFICATIONS

Specification	Min.	Typ.	Max.	Unit
Measurement range	-10		+50	°C
Internal resolution		1		°C
Accuracy (overall error)			±3	°C
Operating temperature range	-10		+50	°C
Logging rate	every 30 minutes			

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Specifications liable to change without prior warning

EL-USB-LITE

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M.C.






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LED FLASHING MODES

EL-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.

The number of flashes and colours indicate :

	(Single flash)	The channel is logging, no alarm
	(Single flash)	The channel is logging, low alarm
	(Double flash)	The channel is logging, high alarm

BATTERY REPLACEMENT

We recommend that you replace the battery every 12 months, or prior to logging critical data. The EL-USB-LITE does not lose its stored readings when the battery is discharged or when the battery is replaced; the data logging process will however be stopped and cannot be re-started until the battery has been replaced and the logged data has been downloaded to PC.

Only use CR1620 lithium batteries. Before replacing the battery, remove the EL-USB-LITE from the PC.

Note:

Leaving the EL-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.**

