

USB DATALOGGER

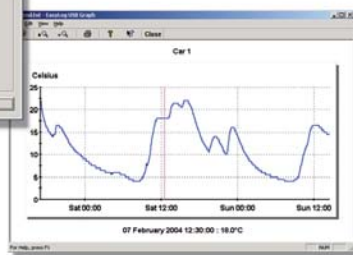
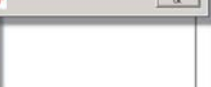
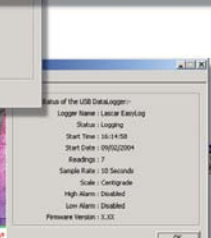
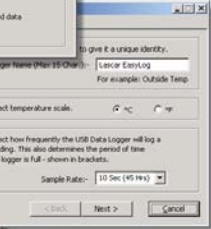
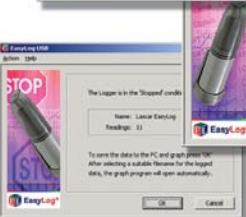
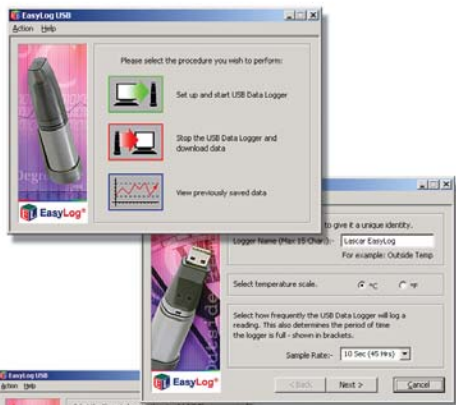
-25°C to +80°C TEMPERATURE DATALOGGER WITH USB INTERFACE



EL-USB-1, Lascar's USB datalogger, measures and stores up to 16,000 temperature readings over a -25 to +80°C (-13 to +176°F) range. The EL-USB-1 does not lose its stored readings when the battery is flat or when the battery is replaced.

The user can easily set up the logging rate and start-time, and download the stored data by plugging the module straight into a PC's USB port and running purpose designed software running under Windows 98, 2000 and XP. Data can then be graphed, printed and exported to other applications.

The data logger is supplied complete with a long-life lithium battery, which will last for at least 1 year. The status of the USB data logger is indicated by a flashing red or green LED. The data logger is protected against moisture to IP67 standard when the protective cap is fitted.



Module shown actual size

USB Data Logger

Stock No.

EL-USB-1

- -25 to +80°C (-13 to +176°F) Measurement Range
- USB Interface for Set-up and Data Download
- 2 User-Programmable Alarm Thresholds
- Bright Red, Amber and Green LED Indication
- Replaceable Internal Lithium Battery
- IP 67 Protection
- Windows 98/2000/XP Compatible Control Software



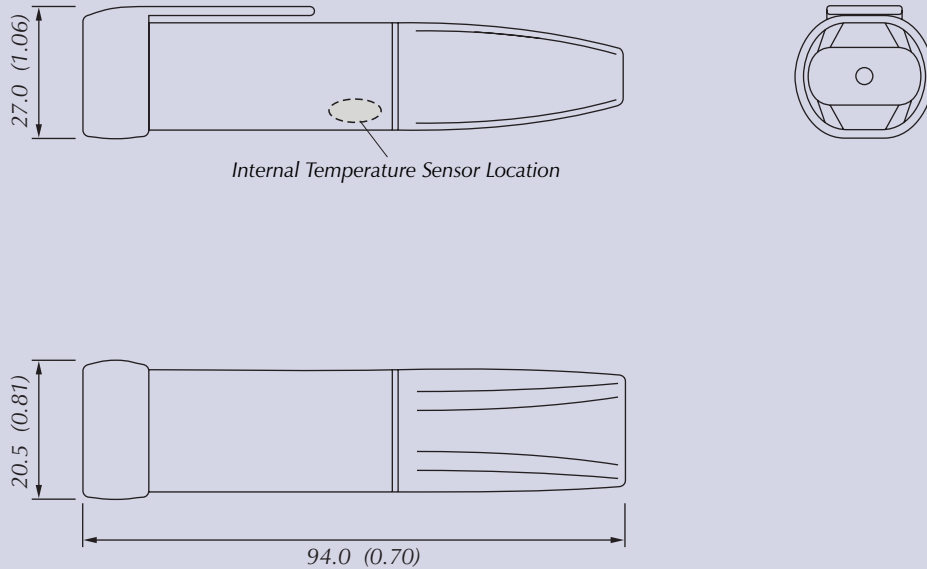
FOR A FULL PRODUCT DATA SHEET, PRICING AND ON-LINE STORE VISIT:

www.lascarelectronics.com



Mechanical Specification

All dimensions in mm (*inches*)



Specification	Min	Typ	Max	Unit
Measurement range	-25 (-13)		+80 (176)	°C (°F)
Internal resolution		0.5 (1)		°C (°F)
Accuracy (overall error)		+2 (+4)		°C (°F)
Logging rate	every 10s		every 12hr	-
Operating temperature range	-25 (-13)		+80 (176)	°C (°F)
1/2AA 3.6V Lithium Battery Life		1		Year

WINDOWS CONTROL SOFTWARE

Easy to install and use, the control software runs under Windows 2000 and XP (Home and Professional Editions)*. It allows the user to set up and download any EL-USB-1. The latest version of the control software may be downloaded from www.lascarelectronics.com.

* Contact Lascar Electronics if you are using a different version of Windows, as other USB drivers may be available.

DATA LOGGER SET-UPS

- Logger Name
- Logging Rate (10s, 1m, 5m, 30m, 1hr, 6hr, 12hr)
- High and Low Alarms
- Start Date and Start Time

LED FLASHING MODES

EL-USB-1 features 2 LEDs.

- one LED flashes green or red (G/R) to indicate the alarm level status
- one LED flashes amber (A) to indicate any problem conditions



Please note that all specifications are correct at time of print. The Company reserves the right to change any specification, typographical, clerical or other error or omission without any liability on the part of the company.

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