

EL-USB-1-PRO

Temperature Data Logger with Extended Range



- -40 to +125°C (-40 to +257°F) measurement range
- Stores over 32,000 readings
- EasyLog software available as a free download
- Stainless steel (316 grade) case
- Logging rates between 1 second and 12 hours
- Immediate and delayed logging start
- User-programmable alarm thresholds
- Environmental protection to IP67



This standalone data logger measures and stores more than 32,000 temperature readings over a -40 to +125°C (-40 to +257°F) range with a resolution of 0.1°C (0.2°F).

The stainless steel 316 assembly provides protection from corrosion, impact and water ingress to IP67/NEMA 4X.

The user can easily set up the logger and view downloaded data by plugging the data logger into a PC's USB port and using the free EasyLog software. Data can then be graphed, printed and exported to other applications for detailed analysis.

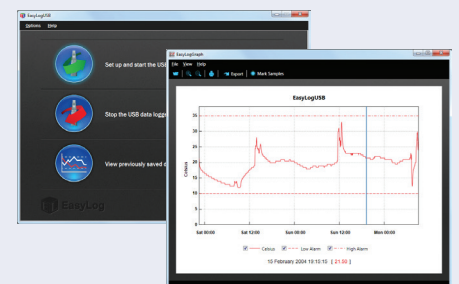
The data logger is supplied with a lithium metal battery which gives two year's logging life (see specifications table below).

EASYLOG SOFTWARE

Lascar's EasyLog control software is available as a free download from www.easylogusb.com. Easy to install and use, the control software is compatible with 32-bit and 64-bit versions of Windows 7, 8 & 10. 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 (user selectable between 1 second and 12 hours)
- High and low alarms
- Immediate and delayed logging start



SPECIFICATIONS

Measurement range	-40 to +125°C (-40 to +257°F)
Internal resolution	0.1°C (0.2°F)
Accuracy (overall error)	±0.2°C (±0.4°F) (see page 2)
Logging rate	User selectable between 1 second & 12 hours
Operating temperature range	-40 to +125°C (-40 to +257°F)
Battery Life	2 years (at 80°C and 10 second logging rate)
Readings	32,510
Dimensions	110 x 18mm (4.33 x 0.70")

CALIBRATION CERTIFICATES NOW AVAILABLE

ACCESSORIES

BAT 3V6 2/3AA	Replacement battery
EL-DataPad	Handheld data logger programmer & collector

INCLUDED IN THE BOX

BAT 3V6 2/3AA	Battery
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