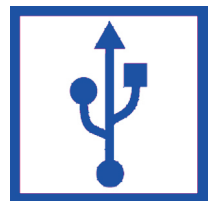
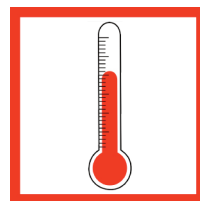


SL51USB

USB Temperature Data Logger



- -10°C to +85°C Measuring Range
- $\pm 1.0^{\circ}\text{C}$ Accuracy
- 10 Year Battery Life @ 20°C
- Simple Plug And Play Operation
- Up to 2,048 Readings



SL51USB

USB Temperature Data Logger

Self contained, battery powered, USB data loggers. The SL51USB is a single channel temperature data logger that plug directly into the USB port of the computer for configuration and data download, removing the need for any additional cables or interfaces.

Once configured, the SL51USB is then removed from the USB slot and placed where monitoring is required.

When the monitoring is complete, the data logger is placed back in the USB slot for data retrieval. The SL51USB data loggers have the ability to record up to 8,000 data points and have a measuring temperature range of -10°C to +85°C and 0 to 95%RH.

All USB data loggers are fully compatible with our user friendly software - TempIT.

TempIT-Lite is free of charge and allows the data logger to be configured and the data read and displayed in graphical format. Graphs can be stored, printed or retrieved at a later time.

TempIT-Lite can be up-graded to TempIT-Pro which provides various additional features such as data table view, export data to spreadsheet, the ability to add comments to graphs, F0 and A0 calculations, and automated mean kinetic temperature (MKT) calculations etc.

All versions of TempIT are supplied with our calibration manager. TempIT will automatically warn the operator when the calibration for the data logger is due.

The SL51USB-A is identical in operation to the SL51USB but is supplied with a UKAS traceable calibration certificate.

Applications

Monitoring Goods In Transit

Warehouse Mapping

Environmental Monitoring

Every effort has been taken to ensure the accuracy of this specification, however we do not accept responsibility for damage, injury, loss or expense resulting from errors and omissions, and we

reserve the right of amendment without notice.

Specifications

Power	Internal Battery
Battery Life	Typically 10 years at 20°C. Detailed battery life calculator is available on the Signatrol website
Temperature Range	-10°C to +85°C Measuring 0°C to +70°C Communicating
Accuracy	±1.0°C from -10°C to +70°C ±1.3°C outside of this range
Resolution	0.5°C
Number of Readings	2048
IP Rating	IP20 - 0 to 95%RH Non Condensing
Sample Rate	1 minute to 255 minutes
Delayed Start	Yes
Software Alarms	Yes
Material	ABS
Warranty	1 Year
Dimensions	70mm (L) x 25mm (W) x 17mm (H)
Certifications	FDA 21 CFR Part 11 EN12830

Order Codes

Part Number	Description
SL51USB	USB Data Logger
SL51USB-A	USB Data Logger Supplied With UKAS Traceable Calibration Certificate
TEMPIT-PRO-4	Enhanced Software

