



EL-USB-2 Data Logger

The EL-USB-1 data logger measures and stores up to 16,382 temperature readings from a temperature of -35°C to +80°C. 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 the purpose designed software under Windows 98, 2000 or XP. Temperature data can then be graphed, printed and exported to other applications. The data logger is supplied complete with a long-life lithium battery, which can typically allow logging for a year. Status indication is via flashing red and green LEDs. The logger is protected against ingress from water and dust to IP67 standard when the plastic cap and seal are fitted.

**Features:**

USB Interface for Set-up and Data Download

User-Programmable Alarm Thresholds

Status Indication via Red and Green LEDs

Supplied with Replaceable Internal Lithium Battery and Windows Control Software

Environmental Protection to IP67

Model	EL-USB-1
Temperature Range	-35°C to +80°C
Internal Temperature Resolution	0.5°C
Temperature Accuracy	1°C
Minimum Logging Rate	10 seconds
Maximum Logging Rate	12 hours
Dimensions	26mm dia x 98 length (mm)

The EL-USB-2 data logger measures and stores up to 16,382 relative humidity and 16,382 temperature readings over 0 to 100%RH and -35°C to +80°C measurement ranges. 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 the purpose designed software under Windows 98, 2000 or XP. Relative humidity, temperature and dew point (the temperature at which water vapor present in the air begins to condense) data can then be graphed, printed and exported to other applications. The data logger is supplied complete with a long-life lithium battery, which can typically allow logging for a year. Status indication is via flashing red and green LEDs. The logger is protected against ingress from water and dust to IP67 standard when the plastic cap and seal are fitted.

**Features:**

Dew point indication via Windows Control Software

USB Interface for Set-up and Data Download

User-Programmable Alarm Thresholds for %RH & T

Status Indication via Red and Green LEDs

Supplied with Replaceable Internal Lithium Battery and Windows Control Software

Environmental Protection to IP67

Model	EL-USB-2
Temperature Range	-35°C to +80°C
Internal Temperature Resolution	0.5°C
Temperature Accuracy	1°C
Relative Humidity Range	0 to 100 %RH
Humidity Repeatability	±0.2 %RH
Humidity Accuracy	±3.5 %RH
Humidity Response Time	5 seconds
Humidity Long Term Stability	1 %RH / Yr
Dew Point Accuracy (25°C, 40~100%RH)	±2°C
Minimum Logging Rate	10 seconds
Maximum Logging Rate	12 hours
Dimensions	26mm dia x 98 length (mm)