EL-USB-2

Temperature, humidity and dew point data logger

Temperature

USB

Download audit-ready reports

Customisable alarms
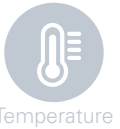
Part of the **EasyLog** range, the EL-USB-2 reliably measures temperature, humidity and dew point.

Features

✓ -31°F to +176°F and 0 to 100%RH measurement range
✓ Stores over 16,000 readings for both temperature and humidity
✓ EasyLog software available as a free download
✓ Logging rates between 10 seconds and 12 hours
✓ Immediate and delayed logging start
✓ User-programmable alarm thresholds for both temperature and humidity
✓ Status indication via red/green LEDs
✓ Environmental protection to *IP67 *excluding RH sensor and dependent on the front cover being replaced correctly

Typical Applications

• Museum & Heritage Monitoring
• Food and Drink

Technical specification	
Dimensions	4.96 x 0.98 x 0.86 in.
Logging rate	User selectable between 10 seconds and 12 hours
Operating temperature range	-31°F to +176°F
Battery life	Up to 3 years (at 77°F and 1 minute logging rate, LCD on)
Readings	16,382 temperature, 16,382 relative humidity

Product code: EL-USB-2

Dew Point specification	
Accuracy (overall error)*	3.1°F typical (-31°F to 176°F, 40 to 100%RH)

| Temperature specification	
Measurement range	-31°F to +176°F
Internal resolution	1.0°F
Accuracy (overall error)*	1.04°F typical (41°F to 140°F)
Long term stability	<0.04°F / year

The overall error takes into account the sensor accuracy and the resolution of the data logger.

Relative Humidity specification	
Measurement range	0 to 100% RH
Internal resolution	0.5% RH
Accuracy (overall error)*	2.25% RH typical (20 to 80%RH)
Long term stability	<0.25%RH/year

Included in the box	
BAT 3V6 1/2AA	Battery
EL-USB Wall bracket	Mounting bracket

Accessories	
BAT 3V6 1/2AA	Replacement battery
EL-DataPad	Handheld data logger programmer and collector

The latest version of the control software may be downloaded free of charge.
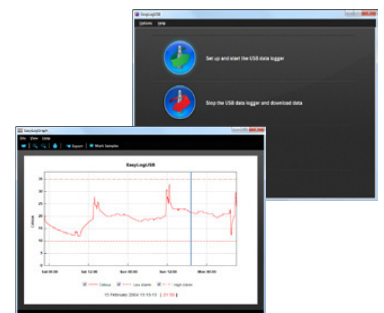
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Version 1 - EC180100

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