

EL-USB-2-LCD

Temperature, humidity and dew point data logger with LCD screen

Part of the **EasyLog** range, the EL-USB-2-LCD monitors temperature, humidity and dew point, displaying data on a LCD screen.

Features

- ✓ -35°C to +80°C (-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
- ✓ High contrast LCD, with two and a half digit temperature and humidity display function
- ✓ Logging rates between 10 seconds and 12 hours
- ✓ Immediate, delayed and push-to-start logging
- ✓ 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

- Transportation
- Museum & Heritage Monitoring

Technical specification	
Dimensions	126 x 25 x 22mm
Logging rate	User selectable between 10 seconds and 12 hours
Operating temperature range	-35°C to +80°C
Battery life	Up to 2 years (at 25°C and 1 minute logging rate, LCD on)
Readings	16,382 temperature, 16,382 relative humidity

Temperature specification	
Measurement range	-35°C to +80°C
Internal resolution	0.5°C
Accuracy (overall error)*	0.55°C typical (5 to 60°C)
Long term stability	<0.02°C /year

*The overall error takes in to 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

Dew Point specification	
Accuracy (overall error)*	1.7°C typical (-35°C to 80°C, 40 to 100%RH)

- Temperature
- USB
- Download audit-ready reports
- Customisable alarms
- LCD



Product code: EL-USB-2-LCD

Included in the box	
BAT 3V6 1/2AA	Battery
EL-LCD 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.



Ultimate peace of mind **RoHS**

Version 1 - EC180100

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