

LASCAR DATA LOGGER EL-USB SERIES DATA LOGGER



DESCRIPTION

The **Lascar USB Data Loggers** measure and record a variety of parameters such as temperature, humidity, voltage, current and carbon monoxide. Simply insert any of these loggers into your computer's USB port, name it, choose your required sampling rate and set high and low alarms. Logged data is displayed using Lascar's FREE configuration and analysis software.

FEATURES

- **Compatible with Windows 2000®, XP® Vista® 32-bit and Windows 7® 64-bit**
- **Assign unique logger identity**
- **Set sample rate and alarm thresholds**
- **Choose delayed start time if required**
- **Download data in .txt format to be viewed as graph or exported to standard spreadsheet**



EL Series



SPECIFICATIONS

Supply Voltage	3.6 Volt lithium battery (except EL-USB-RT)	LED Indication	Blinking for operation verification
EL-USB-RT	USB connection only	Dimensions	1.02" dia. x 4.9" (2.59 x 12.45 cm)
Battery Life	1 year (depending on sample rate, ambient temperature, and alarm LED use)	Maximum Weight	0.22 lb (0.1 Kg)
		Approvals	RoHS
		Warranty	1 year

ORDERING INFORMATION

Model	Type	Measurement Range	Reading Capacity	Sample Intervals	Additional Features
EL-USB-LITE	Temperature	14° to 122°F (-10° to 50°C)	4080 Samples	Every 30 minutes	Lowest cost
EL-USB-1	Temperature	-31° to 176°F (-35° to 80°C)	16,382 Samples	10 seconds to 12 hours	NEMA 4X, IP67 cap installed
EL-USB-1-LCD	Temperature	-31° to 176°F (-35° to 80°C)	16,378 Samples	10 seconds to 12 hours	LCD Status
EL-USB1-PRO	Temperature	-40° to 275°F (-40° to 125°C)	32,510 Samples	1 second to 12 hours	Extended range for temperature
EL-USB-1-RCG	Temperature	-4° to 140°F (-20° to 60°C)	32,510 Samples	1 second to 12 hours	Rechargeable battery
EL-USB-2	Temperature, humidity and dewpoint	-31° to 176°F (-35° to 80°C) 0 to 100% RH	16,382 Samples/channel	10 seconds to 12 hours	NEMA 4X, IP67 cap installed
EL-USB-2-LCD	Temperature & humidity, 2-1/2 digit LCD display	-31° to 176°F (-35° to 80°C) 0 to 100% RH	16,379 Samples/channel	10 seconds to 12 hours	LCD status, latest log, no download required
EL-USB-RT	Real-time temperature and humidity	-4° to 158°F (-20° to 70°C) 0 to 100% RH	Continuous log	1 second only	Buzzer, Led alarm, 7 days of data
EL-USB-3	Voltage input	0 to 30 VDC	32,510 Samples	1 second to 12 hours	Alligator clip leads
EL-USB-4	Current input	4 to 20 mA	32,510 Samples	1 second to 12 hours	Alligator clip leads
EL-USB-5	Counter/Event status	Change of 3 VDC	32,510 Samples	500 milliseconds	Reads change of state of 24 VDC
EL-USB-CO	Carbon monoxide	0 to 1000 ppm	32,510 Samples	10 seconds to 5 minutes	Audible alarm in cap
EL-USB-CO300	Carbon monoxide	0 to 300 ppm	32,510 Samples	10 seconds to 5 minutes	Audible alarm in cap