

Lascar Data Loggers

NEW

Lascar USB Data Loggers measure and record a variety of parameters such as temperature, humidity, dew point, voltage and current. Simply insert any of these loggers into your computer's USB port, name it, choose your required sampling rate, set high and low alarms (if required) and set the logger start time. Once configured, the logger can be removed from the computer to log independently. Data is downloaded back to the PC where it can be analyzed and viewed as a graph. All loggers are supplied with configuration software and a 3.6 V battery.

WiFi data loggers measure temperature and humidity or temperature. Data is transmitted wirelessly via a WiFi network and viewed on a PC using Lascar's free configuration and data download software.

USB VOLTAGE & CURRENT DATA LOGGERS



EL-USB-3

- Store More than 32,000 Readings
- High and Low Alarm Thresholds with LED Indicators



EL-USB-4

- Programmable Sample Rates from 1 Sec to 12 Hours
- Screw Terminal Connections

ORDERING INFORMATION

EL-USB-3	Voltage Data Logger, 0-30 VDC Measurement Range
EL-USB-4	Current Data Logger, 4-20 mA DC Measurement Range

AC AND DC MILLIVOLT DATA LOGGER

When used with a current clamp, this standalone data logger measures and stores up to 127,000 AC and DC current readings over a 0 to 1000A measurement range (0-723A for AC). In 'energy monitoring' mode, data is converted into power, energy (applying a user defined voltage value) and cost (with a user supplied energy unit cost). The millivolt measurement mode allows for direct measurement of voltage, up to 1V DC (700mV AC).



EL-USB-ACT

- Compatible with AC and DC Current Clamps
- Stores More Than 127,000 Readings
- Programmable Sample Rates from 1 Sec to 12 Hours
- USB Interface for Set-up and Data Download
- Immediate, Delayed and Push-to-start Logging Modes
- High Contrast 4 Digit LCD Screen

ORDERING INFORMATION

EL-USB-ACT	AC and DC Millivolt Data Logger with Current Clamp Input
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STAND-ALONE DATA LOGGERS

These robust, IP67/NEMA 4X rated data logger stores up to 256,000 readings with on-screen programming, data download and graphing independent of the computer. Micro USB interface (cable supplied) allows for PC based set-up and download if required. Also includes a high contrast graphic screen with white backlight, logging rates between 10 sec and 12 hrs, user programmable alarm thresholds, audible alarms, status LEDs and 2 user replaceable batteries.



EL-GFX-1

- -30 to +80°C (-22 to +176°F) Measurement Range
- Stores More Than 256,000 Readings with 0.1°C Resolution
- Programmable Sample Rates from 10 Sec to 12 Hours
- Immediate, Delayed, Push-button or Temperature Triggered Start Mode
- Graphic LCD Shows Real-time Readings, Graph & Current Status
- High & Low Temperature Alarms with Programmable Thresholds

ORDERING INFORMATION

EL-GFX-1	Temperature Data Logger with Graphic LCD Screen
EL-GFX-2	Temperature/RH Data Logger with Graphic LCD Screen

USB TEMPERATURE DATA LOGGERS



EL-USB-1

- -35° to +80°C (-31° to +176°F) Measurement Range
- Stores More Than 16,000 Readings
- Programmable Sample Rates from 10 Sec to 12 Hours



EL-USB-1-LCD

- High and Low Alarm Thresholds with LED Indicators
- 2½ Digit LCD Display Shows Latest Log & Min/Max Temperatures
- Clear Cap Provides IP67 Seal

ORDERING INFORMATION

EL-USB-1	Temperature Data Logger
EL-USB-1-LCD	Temperature Data Logger with Display
EL-USB-1-PRO	Extended Temperature Data Logger



EL-USB-1-PRO

- -40° to +125°C (-40° to +257°F) Range
- Stores More Than 32000 Readings
- 316 Stainless Steel Case, IP67 Rating

USB TEMPERATURE/RH DATA LOGGERS



EL-USB-2

- -35° to +80°C (-31° to +176°F) & 0-100% RH Measurement Range
- Stores Than 16,000 Dual Readings
- Programmable Sample Rates from 10 Sec to 12 Hours



EL-USB-2-LCD

- High and Low Alarm Thresholds with LED Indicators
- 2½ Digit LCD Display Shows Latest Log & Min/Max Temperatures
- Clear Cap Provides IP67 Seal

ORDERING INFORMATION

EL-USB-2	Temperature/RH Data Logger
EL-USB-2-LCD	Temperature/RH Data Logger with Display
EL-USB-2+	Higher Accuracy (0.3°C) Temperature/RH Data Logger
EL-USB-2-LCD+	Higher Accuracy Temperature/RH Data Logger with Display

USB THERMOCOUPLE DATA LOGGERS



EL-USB-TC

- -200° to +1350°C (-328° to +2462°F) Measurement Range
- Stores More Than 32,000 Readings
- Programmable Sample Rates from 1 Sec to 12 Hours



EL-USB-TC-LCD

- 4 Digit LCD Readout (-LCD model) 0.5°C/1°F Resolution
- Accepts K, J & T Thermocouples via Connector in Base
- Supplied with Type K probe

ORDERING INFORMATION

EL-USB-TC	Thermocouple Data Logger
EL-USB-TC-LCD	Thermocouple Data Logger with Display

WiFi TEMPERATURE LOGGERS

These data loggers measure ambient temperature, RH & dew point. During set-up, the user selects the WiFi network, names the logger, chooses the sample and transfer-to-PC rate as well as high and low alarms. Once programmed, the units can be placed in the range of the WiFi network, transferring data to the PC for on-screen viewing.



EL-WIFI-TH

- Easy Set-Up Using Free PC Software and USB Cable
- LCD Display Shows Min/Max/Last Values plus Alarm & Battery Status
- Adjustable High and Low Alarms
- View Multiple Sensors from 1 PC
- Rechargeable Internal Lithium Polymer Battery
- Sensor's Memory Stores Data if Temporarily Disconnected from WiFi

ORDERING INFORMATION

EL-WIFI-TH	Temperature, Humidity & Dew Point Logger
EL-WIFI-T	Temperature Logger
EL-WIFI-TP	Temperature Logger with external probe