The EL-DataPad allows users of certain EL-USB data loggers to configure their units, upload data, and view logging results on-the-spot rather than moving the logger to their PC. This allows shorter breaks in data collection for more data continuity, less travel time, and on-the-spot data review and data logger reconfiguration.

The logger is connected to the EL-DataPad via a standard USB port at the top of the DataPad. Once connected, you are guided through a simple touchscreen menu with options to Set-Up Logger, Stop Logger & Download and View Data. On-screen instructions follow the same structure as EL-USB-WIN software for the PC currently provided with each data logger.

Data from up to 100 loggers can be viewed on the EL-DataPad, with data from a further 400 units stored on the unit at any one time. Data can be transferred to a PC using a supplied micro USB cable. Once uploaded, data is saved in comma separated variable (csv) format, making it suitable for import into spreadsheet programs such as Microsoft Excel or graphed on a PC using EL-WIN-USB software.

Features

- Archive capacity for up to 500 logger uploads
- View uploaded data with general trend and summary reports
- Allows full or quick set-up of compatible EL-USB data loggers
- Touch screen interface for navigation of menus
- 2.8 inch full color TFT display
- Stored data can be transferred to a PC via micro USB cable
- Rechargeable internal built-in lithium battery provides up to 8 hours of use between charges

Compatible EL-USB Data Loggers

The EL-DataPad is compatible with the following Data Loggers:

- EL-USB-LITE
- EL-USB-1
- EL-USB-1-LCD
- EL-USB-1-PRO
- EL-USB-2
- EL-USB-2+
- EL-USB-2-LCD
- EL-USB-2-LCD+
- EL-USB-TC
- EL-USB-TC-LCD
- EL-USB-TP-LCD
- EL-USB-TP-LCD+

2.8 inch Full color touch-screen display
Easy-to-use menu to Set Up data loggers; Download data from logger; View Data; and Instrument settings (Time/Date, Power, Status)

On/Off button
ON = Single press
OFF = Press and hold for 3 seconds

Download and view data directly from data logger.

Upload Data to a PC for further analysis

1. Configure your EL-USB data logger using the EL-DataPad. On the home screen choose "**Set-Up Logger**."

2. Your options are "Full Set-Up" or "Quick Set-Up." Choose "Quick-Set-Up" if you've already configured your EL-USB data logger and simply wish to begin recording a new file. Choose "Full Set-Up" to configure your data logger.

3. Press "Change Name" and give your EL-USB data logger a unique name to distinguish it from other EL-USB data loggers.

4. Set the scale (in this case °C or °F) and the sample frequency.

5. You can also set temperature and humidity alarms.

6. Enter precise alarm values with the numbered touchpad.

7. Select "Immediate Start" to begin recording immediately or select "Delay Start" to schedule a start date and time.
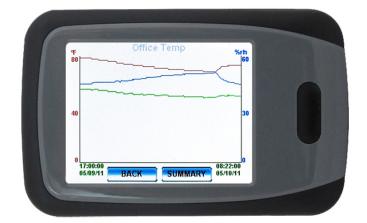
8. Remove your data logger from the EL-DataPad and start recording data.

9. Plug your EL-USB data logger back into the EL-DataPad to archive and view recorded data.

Dimensions

4.2 (107)

0.7 (19)

2.7 (68)

Dimensions shown are inches (mm)

Specifications

Specification	Minimum	Typical	Maximum	Unit
Data recording capacity		>8.5		million readings
Operating time (on single charge)		8*		hours
Operating Temperature Range	0 (32)		+50 (122)	°C (°F)

*5 hours constant use

Specification	Description
Compatibility	PC (XP, Vista, Win 7)
Battery	Lithium Polymer, rechargeable via micro-USB connection.
LCD	240x320 2.8" TFT with touch-screen.
Memory	Internal flash.
Controls	Single front-panel push-button used for power-switch. Single press=ON, press and hold for 3 sec = OFF
Connections	1x USB Type A socket (top of unit) for connection of data loggers. 1x micro-USB (bottom of unit) for connection of unit to PC via 1m USB cable supplied.

EL-DataPad Ordering Information

Description	Order Number
EL-DataPad Includes EL-DataPad, micro USB cable, software on CD, and Quick Start Guide.	**EL-DataPad**

EL-USB Data Logger Series Overview

EasyLog Products for Any Application

From temperature and humidity to carbon monoxide trending, there's an EasyLog data logger that's right for you. Click on "Go" to go to the product's web page.

Measurement		Model EL-USB (click on page number to jump to page)																	
Function	Range	-LITE	-1	-1-LCD	-1-RCG	-1-PRO	-2	-2+	-2-LCD	-2-LCD+	-3	-4	-5	-ACT	-CO	-TC	-TC-LCD	-TP-LCD	-TP-LCD+
Temperature	-10 to +50°C (+14to +122°F)	Go																	
Temperature	-35 to +80°C (-31 to +176°F)		Go	Go															
Temperature	-20 to +60°C (-4 to +140°F)				Go														
High Temperature	-40 to +125°C (-40 to +257°F)					Go													Go	Go
Humidity, temperature, dew point	0 to 100% RH -35 to +80°C (-31 to +176°F)						Go	Go	Go	Go									
Voltage	0 to 30 VDC										Go								
Process current	4 to 20 mA											Go							
Event, State, Count	3-28 VDC												Go						
Current	-1000 to 1000 mV													Go					
Carbon monoxide	0 to 1000 ppm														Go				
Thermocouple	-130 to +900°C -200 to +1300°C -200 to +350°C															Go	Go		

EL-USB Data Loggers

Lascar EasyLog model EL-USB series products are a line of low cost, compact, battery-operated data loggers with built-in memory and a USB interface for easy setup and data download. Each product in the line offers a specific measurement function (including temperature, voltage, process current, and more).

EL-GFX Data Loggers

The EL-GFX line of data loggers is the latest release from Lascar Electronics with similar functionality of the EL-USB series with an added graphic display for data.

EL-WiFi Data Loggers

Lascar's EL-Wifi Data Logger series products are low cost, compact, battery-operated data loggers with wireless connectivity to any PC over a WiFi router. Each product in the line features a large, easy-to-read display of current measurements, and is purchased for specific measurement functions.

DATAQ®
INSTRUMENTS

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Data Acquisition Product Links
(click on text to jump to page)
Data Acquisition | Data Logger