



# EL-DataPad

## Portable Viewer for EL-USB Data Loggers

### Compatible with EL-USB Data Loggers

**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**



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

### Specifications

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

**Dimensions**



Dimensions shown are inches (mm), approx. values.

These drawings are for information only and not intended for construction purpose. Please ask for detailed drawings.

**Controls and Setup**

**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

## Typical Setup and Operation



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.

### Ordering Information

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

Due to continual product development, ALTHEN and partners reserve the right to vary the foregoing details without prior notice.

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