Datapad
On Site Data Analysis

files thru the air

FEATURES

- Collects and stores data from at least 500 data loggers
- View downloaded data with general trend and summary screens
- Allows full or quick set-up of compatible FilesThruTheAir™ USB data loggers
- Touch screen interface for navigation of menus
- 2.8" TFT display
- Stored data can be transferred to a PC/Mac via micro USB cable
- Use the free PC control software to graph data and export to Excel
- Integral rechargeable lithium battery provides up to 8 hours use (nominal)

The DataPad allows users of FilesThruTheAir™ USB data loggers to configure their units and download data and view logging results on-the-spot rather than removing the logger from the environment being measured and taking it to their PC. This allows continual logging with shorter breaks in data collection, less travel for the user, on-site data collection in graph, legend and summary format and the ability for users to reconfigure loggers in 'the field'.

The logger is connected to the DataPad via a standard USB port at the top of the viewer. Once connected, the user is 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 FilesThruTheAir™ Free PC software for PC currently provided with each data logger.

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

The DataPad is compatible with the following EL-USB data loggers: USB-T, USB-T LCD, USB-T-PRO, USB-TH, USB-TH+, USB-TH LCD, USB-2 LCD+, USB-TC, USB-TC LCD, USB-LITE.

Specifications	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

DIMENSIONS

All dimensions in mm (inches)

107 (4.2)

19 (0.7)

68 (2.7)

SETUP EXAMPLE

SPECIFICATIONS

Hardware

- Battery: Lithium Polymer, rechargeable via micro-USB connection.
- LCD: 240x320 2.8" TFT with touch-screen.
- Internal Flash memory.
- Single front-panel push-button used for power-switch. Single press=ON, press & hold for 3 sec = OFF.
- 1x USB Type A socket (top of unit) for connection of FilesThruTheAir™ USB data loggers.
- 1x micro-USB (bottom of unit) for connection of unit to PC via 1m USB cable supplied.