

# EL-USB-RT



## Real Time Temperature, Humidity & Dew Point Data Logger

- -10 to 60°C (14 to 140°F) & 0 to 100%RH measurement range
- Stores up to 7 days of data
- Powered by USB
- Real time logging
- EasyLog RT software available as a free download
- User-programmable alarm thresholds for temperature and humidity



This data logger measures real time temperature readings over a -10 to 60°C (14 to 140°F) and 0 to 100%RH range when plugged into a USB port of a PC installed with the EasyLog RT software and will store up to 7 days of readings.

The PC displays the temperature, humidity and dew point in real-time and saves it to a file which can store up to 7 days' worth of data. This data file is overwritten at the beginning of each new logging session.

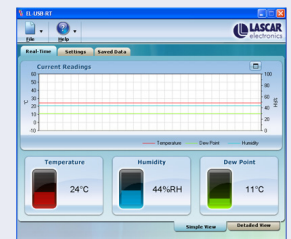
The software provides the option for the user to save the data file permanently to the hard-drive. All data can be graphed, printed and exported to other applications.

### EL-WIN-RT

Lascar's EasyLog RT control software is available to download from [www.easylogusb.com](http://www.easylogusb.com). Easy to install and use, the control software runs under Windows 2000, XP, Vista (32 bit only). The software is used to view the current temperature and humidity and graph either the current data file or previously saved data. The software can also show the current temperature and humidity in the notification area within the Windows toolbar. Right clicking on the EL-USB-RT icon in the notification area enables the user to access the full functionality of the software. Users can set up high and low alarms within the software which can send emails, text alerts or audible alarms via the PC's internal speaker.

The software allows the following parameters to be configured:

- Measurement parameter (°C or °F)
- High and low alarms for temperature and humidity
- E-mail alert / data set settings
- Text message alert settings
- Mute PC's alarm beep
- Show readings / icon in notification area



Download the latest version of the software free of charge from [www.easylogusb.com](http://www.easylogusb.com)

### SPECIFICATIONS

<b>Temperature</b>	<b>Measurement Range</b>	-10 to 60°C (14 to 122°F)
	<b>Accuracy (Overall error)</b>	±1.5°C (±3°F)
	<b>Repeatability</b>	±0.3°C (±0.6°F)
	<b>Response Time</b>	20 to 30 seconds
<b>Relative Humidity</b>	<b>Measurement Range</b>	0 to 100%RH
	<b>Accuracy (Overall error)</b>	±4.5%RH
	<b>Repeatability</b>	±0.5%RH
	<b>Response Time</b>	5 seconds
<b>Dew Point</b>	<b>Accuracy (Overall error)</b>	±2.5°C (±5°F)
<b>Logging Rate</b>		Every 1 second
<b>Operating temperature Range</b>		-10 to 60°C (14 to 122°F)
<b>Dimensions</b>		77.0 x 18.6 x 10.6mm (3.03 x 0.73 x 0.40")