



# Veriteq Spectrum Data Loggers, Spectrum 4.0 + USB Logger Cable Drivers V2.11

## Quick Start Guide

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Veriteq Spectrum Data Loggers provide you with a precise, easy-to-use, palm-sized humidity and temperature data logging system that connects to your PC.

This Guide is designed to get you started with the Spectrum system right away. It shows you how to install the software, the Veriteq USB Logger Cable and drivers (if needed), and points you to important information on setting up and using your Veriteq data loggers.



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### System Requirements

Veriteq Spectrum + USB Logger Cable Drivers requires a PC with the following minimum configuration:

- 32-bit or 64-bit versions of: Windows® XP, Windows Server® 2003, Windows Vista®, Windows Server® 2008, Windows® 7, 32-bit Windows® 2000.
- CD-ROM drive

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## Step 1 - Install Spectrum and USB Logger Cable Drivers

1. Ensure you have administrator privileges.
2. Start Windows®, log in as an administrator, and close all running applications. If you will be using the USB Logger Cable, *do not connect* the cable until necessary drivers have been installed.
3. Insert the installation CD. The Setup program begins automatically. (If your system does not automatically run CD-ROMs, click Start, then choose Run. If your CD-ROM drive is D, type D:\setup, then press Enter.)
4. From the Software Installation Menu, choose **Install Spectrum 4.0**.
  1. Select the directory where you want the program installed. The default directory is C:\Program Files\Veriteq Instruments\Spectrum 4.0, but you can change this if you want. Click **Next**.
  2. Accept or edit the location of the Program Folder (where Spectrum appears in Start Menu), then click **Next**.
  3. Click **Finish**.
5. If you will be using the USB Logger Cable, from the Software Installation Menu, choose **Install USB Logger Cable Drivers**. Complete the installation. Click **Finish**.
6. From the Software Installation Menu, choose **Close**.

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## Step 2 - Connect the Data Logger to the PC

Connect your logger to your PC using either a Serial Logger Cable, a USB Logger Cable, or a vNet device.

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## Step 3 - Confirm the COM Port

Before you can communicate with your Veriteq data logger, you need to know the number of the COM port that has been allocated for the data logger.

To check which COM port has been allocated, open Windows Device Manager:

*Windows® 2000/XP*: Start>Settings>Control Panel>System>

Hardware> Device Manager

*Windows Server® 2003*: Start>Control Panel>System>Hardware>Device Manager

*Windows Server® 2008/Windows Vista®*: Start>Control Panel>System>Device Manager

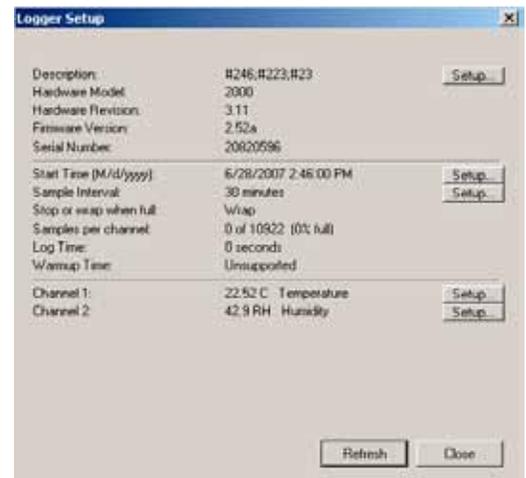
*Windows® 7*: Start>Control Panel>Hardware and sound>Device Manager

Under Ports, note the COM port number that has been allocated.

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## Step 4 - Using Spectrum to Communicate with the Data Logger

1. Select **Start>Programs>Veriteq Instruments>Spectrum 4.0 > Spectrum**.
2. First time Spectrum users should begin by reviewing the Veriteq Spectrum online help. Press F1 or select **Help>User's Guide**.
3. From Spectrum, select **Tools>Options**, then choose the COM port allocated for the data logger.
4. From Spectrum, select **Logger>Setup**. If communication with the data logger is established, the Logger Setup screen appears. You can use the Setup buttons on the right of the screen to configure the data logger, or, if you want to do a practice download before making any changes, proceed to the next step.



5. To download the data from the data logger, select **Logger>Transfer**. Follow the instructions in the Transfer Wizard. After the transfer is complete, you will be asked to insert the .spl file into the active graph file. The .spl file extension refers to a logger file.

Select **OK** to insert the file into the graph, then save using **File>Save**. The graph is saved as an .spg file. By default, both the .spg and the original .spl file are saved at C:\Program Files\Veriteq Instruments\Spectrum 4.0.

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## Customer Support

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Document part number: 880-0003-01

Release date: July 2010

Printed in Canada.