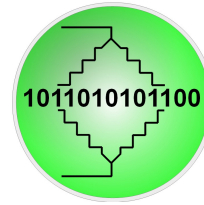


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## **Installation instructions for RS 039 Data Logger Software**

This program provides basic data acquisition from the Radio Shack 2200039 46-Range Multimeter. The program is meant to be a product demo and it can be used as the starting point for developing custom data logging software to address your specific requirements. Contact Intelligently Designed Systems for any installation or operation problems or to discuss customizing and expanding the program to meet your needs.

### Requirements

- Radio Shack 2200039 46-Range Multimeter with USB output.
- Windows: Windows XP service pack 3, Windows Vista SP 1, or Windows 7 SP 1.
- Microsoft .NET Framework 4. (Will download automatically if not present)

### Installation

- Create a folder on your C:\ drive named "RS039".
- Extract the zipped download to C:\RS039 and run setup.exe. Close the program the first time it runs using the red X on the window and then restart your computer.
- The program should be accessible from the Start->Programs->IntDSys folder
- If not, right click the RS039Datalogger icon and create a shortcut.
- Move the shortcut to your desktop.
- Install the Radio Shack drivers from the disk that came with the meter.
- Plug the meter into the computer using its USB cable but do not turn it on yet.
- Open the System control panel, choose Hardware, Device Manager and Ports and look for the Prolific USB-to-Serial Comm Port. Note the COM port number assigned.

### Operation

- Turn on the 22039 meter, activate its output and run RS039Datalogger.
- Pick the COM port from the drop-down combo box that has the 22039 attached. If you have unplugged the meter or restarted the computer, check the COM port number again using the control panel method described above.
- Click "Start Reading Meter".
- Adjust the logging period as needed and click the checkbox to "Start Logging Data".
- Click "Quit" when finished.
- The name of the output data file is displayed during operation. It will be based on the date and time that the acquisition was started.

### Troubleshooting

- After installation, make sure to follow the steps above to close the program and restart.
- If the meter display cannot be read, turn off the meter with the program running, then quit the program. Restart the meter and then the program.
- If the meter display cannot be read or an error occurs when "Start Logging Data" is clicked, make sure you have chosen the correct COM port.