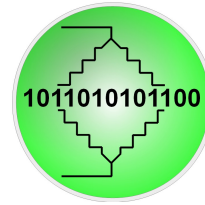


Intelligently Designed Systems  
P.O. Box 4922  
Los Alamos, NM 87544

(505) 709-0726  
www.intdsys.com  
contact@intdsys.com



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## **Installation instructions for RS22-812 Data Logger Software**

This program provides basic data acquisition from the Radio Shack 22-812 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 22-812 Multimeter with RS-232 output.
- Serial port on computer or USB-RS-232 adapter (e.g. Trendnet TU-S9).
- 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 "RS22812".
- Extract the zipped download to C:\RS22812 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 RS22-812Datalogger icon and create a shortcut.
- Move the shortcut to your desktop and restart your computer.

### Operation

- Attach the 22-812 meter to a serial port (e.g. COM1, COM2, etc).
- Turn on the 22-812 meter, activate its RS-232 output and run RS22-812Datalogger.
- Pick the COM port from the drop-down combo box that has the 22-812 attached.
- 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.