StufManager Quick Start Guide

Spire Metering Technology's StufManager Software allows quick and simple communication between our flowmeters and your PC or laptop. Please proceed through the following steps to install the converter driver as well as the software.

The following is a list of appropriate converters for each flowmeter:

Flowmeter Model	Converter
STUF-200H Series	RS232
STUF-300F Series	RS485
ST301 Series	RS485
ST302 Series	RS485
STUF-280T Series	M-BUS Concentrator
	RS232
STUF-280W Series	M-BUS Concentrator
	RS232
RH20 Series	USB Data Cable

Note: All of the converter drivers have been provided.

Please be aware StufManager is only compatible with Windows 7, Windows Vista, and Windows XP. If you have any questions, please don't hesitate to contact Spire Metering for details. For best results, run StufManager as Administrator by right clicking on the icon and clicking on Run as...
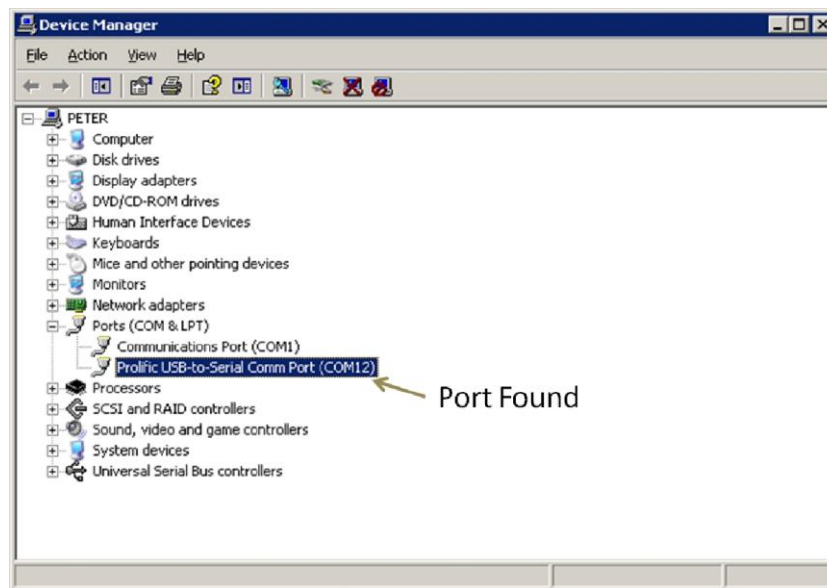
14B Craig Rd
Acton, MA 01720, USA
Tel. +1 978 263 7100   Fax +1 978 418 9170
Email: support@spiremt.com Website: www.SpireMT.com

Steps to install the StufManager Software:

Step 1: Setup

1. **Connect the flowmeter to your computer via the converter.**
2. **Install the appropriate converter driver.**
3. **Find the port from your Device Manager.**

   Note:
   - *Please refer to the URL: http://pcsupport.about.com/od/windowsxp/ht/accessdmcpnxp.htm about how to find Device Manager on your computer.*
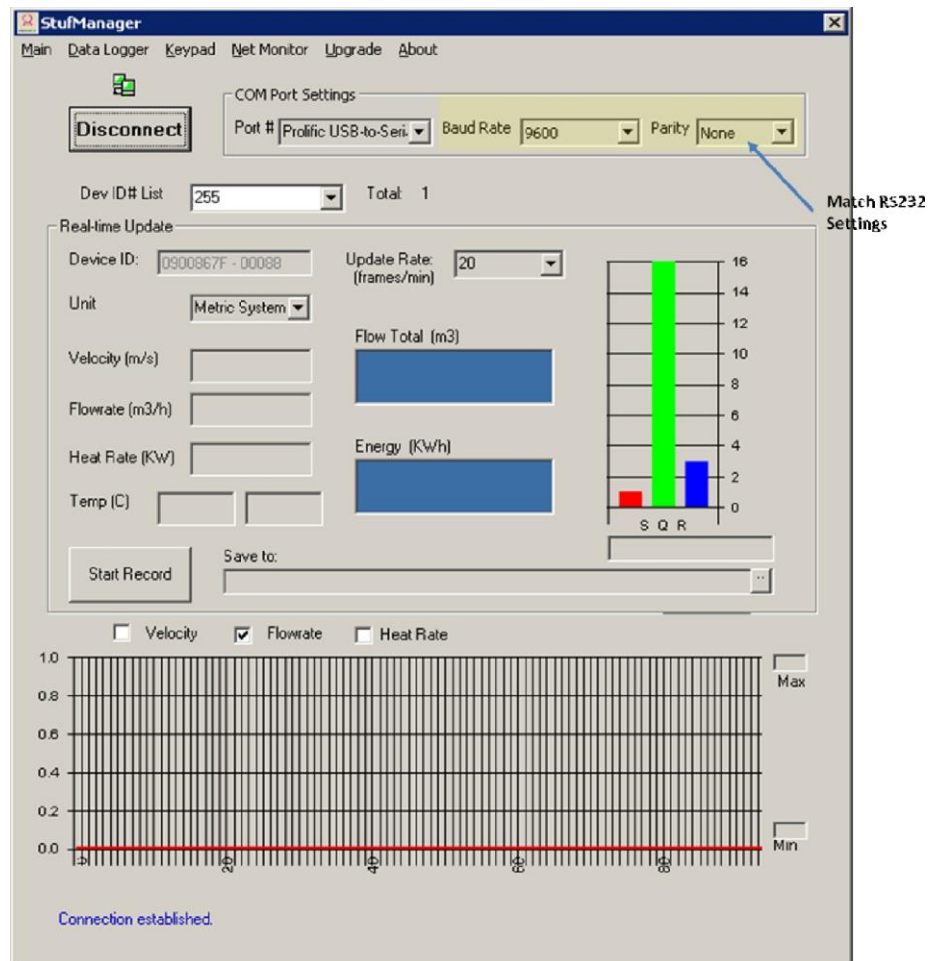

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Step 2: Connect StufManager to the flowmeter

1. **Open the StufManager Software from your program files folder.**
2. **Click on the Connect button.**
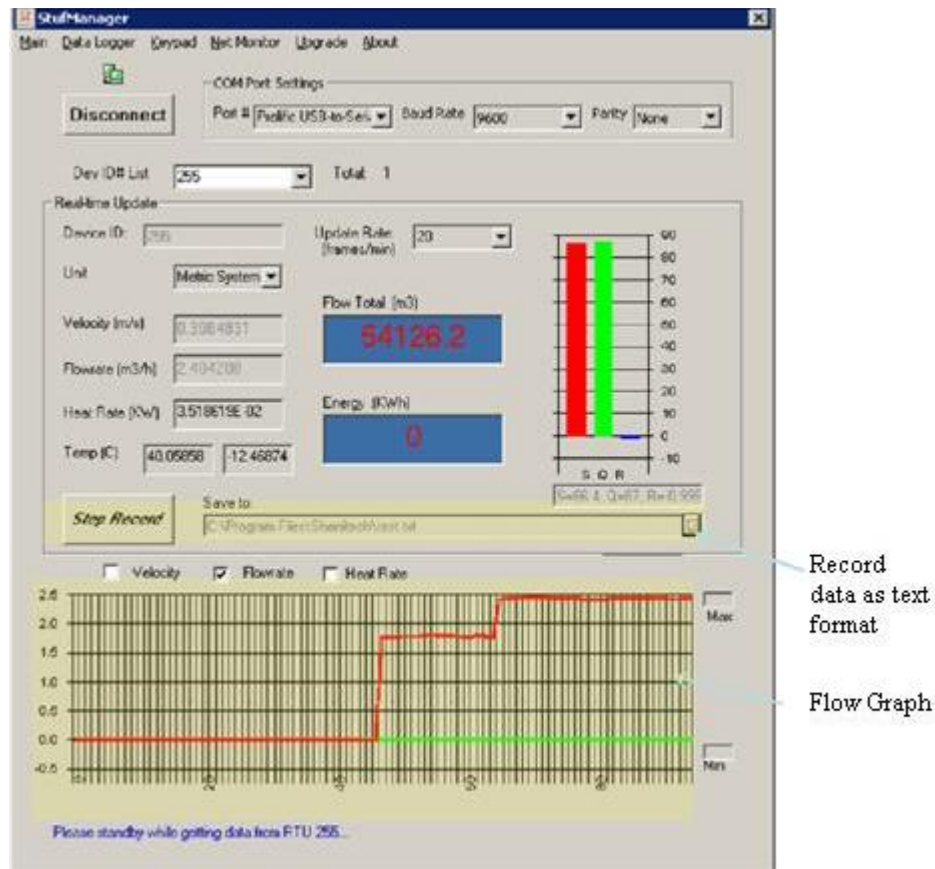   *Note:*
   - *Please make sure RS232 settings (M62) match what is shown on the StufManager interface.*
   - *The flowmeter logger Data Direction (M52) should be set to 'To Buffer'.*

3. **Make sure you see the Connection Established message at the bottom left corner of StufManager.**

Step 3: Begin reading data from flowmeter

After you connect the flowmeter, StufManager can read the flow rate, signal strength, signal quality, flow total, temperature and various other values from the flowmeter as the following figure illustrates.

Note: The RH-20 handheld flowmeter has a built-in data logger. By clicking the Data Logger button within StufManager you can easily change the settings of the data logger and download data. Please be aware that only the RH-20 handheld flowmeter can use this function. Please contact Spire Metering for more details.

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