



Ref: FAQ0366

Version: 1.0

Title – Chronoflo with Hyperterminal

Made By: AB 28/01/14

(Issue 2)

USING WINDOWS HYPERTERMINAL WITH CHRONOFLO

HyperTerminal is a program that is supplied with Windows, and it can be used to communicate with external devices such as the FLOWMETER via the serial port(s) on your PC. There are other similar programs commercially available, such as ProComm.

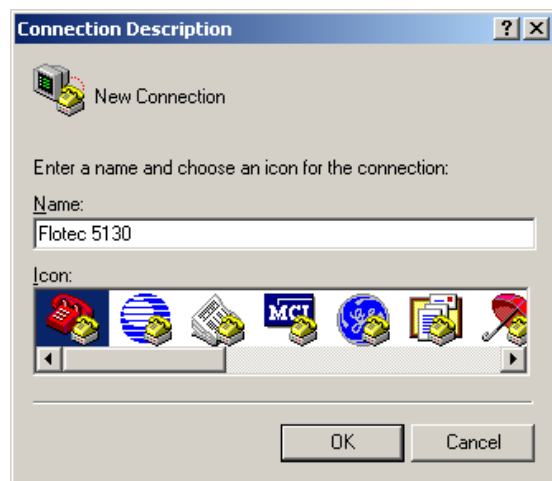
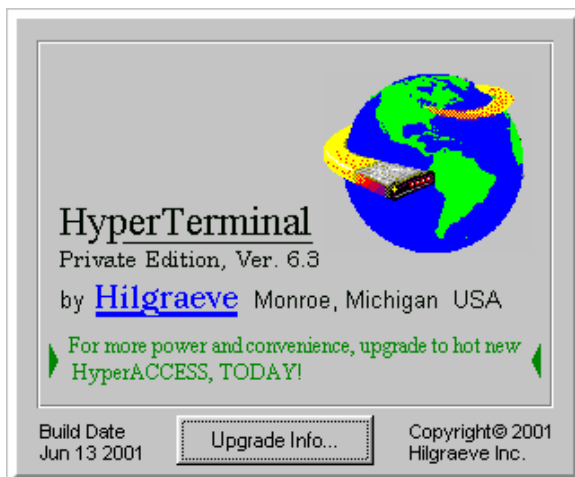
If HyperTerminal is already installed on your PC, you will be able to access it through the Start / Programs menu in Windows, either under its own HyperTerminal folder, or under Accessories / Communications.

If HyperTerminal is not installed, you can add it from your original Windows installation disks, or you can download it from the following location:

<http://www.hilgraeve.com/htpe/htpe63.exe>

Save the file to your PC, and then Run it. This will now install HyperTerminal to your PC. Note that you should confirm that you are a PRIVATE USER of the PC, or HyperTerminal will not install.

On meter, check that the com port is switched on (Menu 3.6 - Serial Port). Check that the meter is connected to the PC serial port using the cable provided, and run HyperTerminal.



You will be asked for the name of the new connection. Choose a name and select OK.



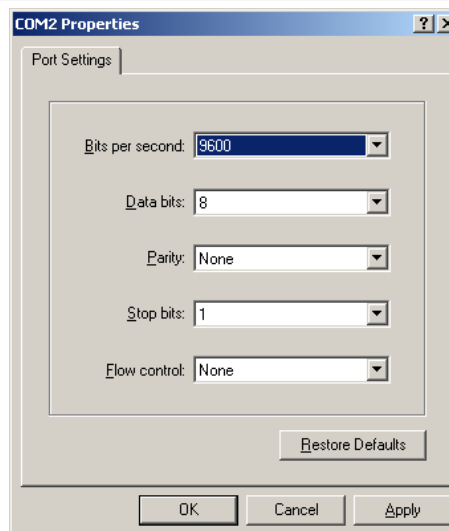
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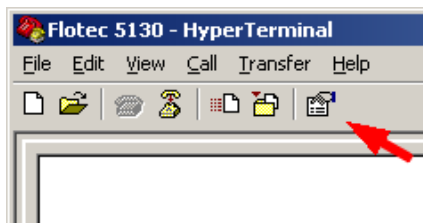


Select the correct Com port and click OK.

Make all the settings as indicated above, and click OK.

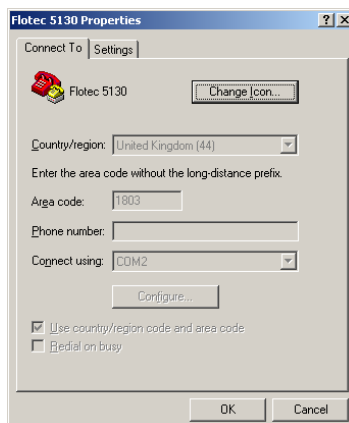
Note that the Bits per second value (baud rate) may be set at any value from 4800 to 57600, provided it matches the serial port on the flowmeter (Menu 3.1).

This is usually all you need to do, but if you have problems, also check the following properties;



Click the Properties button as indicated.

The following screen will appear:



Click the Settings tab:



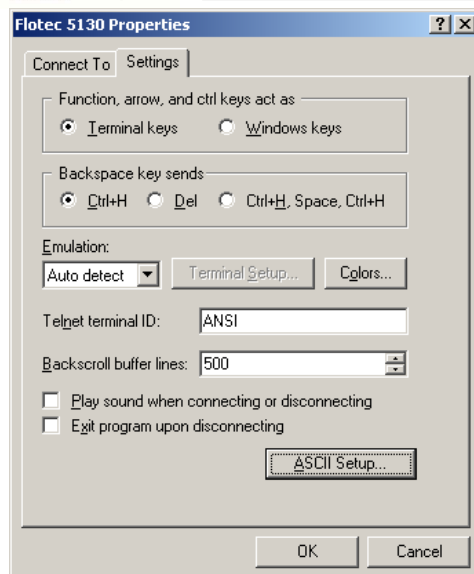
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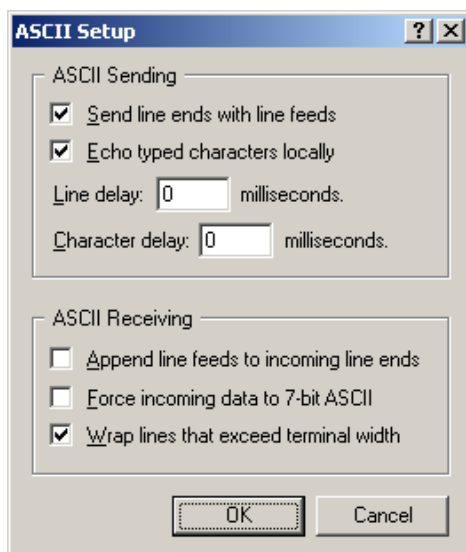
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Ensure that the settings are as indicated and click the “ASCII Setup...” button.



Check the boxes as indicated above and click OK twice to return to the main HyperTerminal screen. Once HyperTerminal has been setup as above, it will display all data that is output from the serial port of the flowmeter. In real time, this will simply be text data of the selected parameters (Menu 3.6.2). If you are uploading saved data, this too will be displayed on the screen as text as it is uploaded.

It is possible to save this data to the PC as it comes into the serial port,



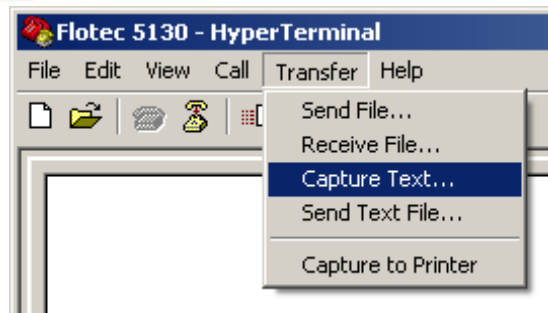
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whether it is uploaded in real time or as a logged file. To do this, go to Transfer, Capture Text on the HyperTerminal menu:

Browse to the desired directory and type the desired filename (with .txt extension). Then click on "Start". Any data that is received will now be saved in this text file. When data upload is complete, select Transfer, Capture Text, Stop.

Note that there is currently no PC software for dedicated display of data from the FLOWMETER. However, since all data is in ASCII text format it may be manipulated and graphed using any standard spreadsheet package such as Microsoft Excel.

Document History:

Edition	Date of Issue	Modification	Notes
1st	28/01/14	Release	
2nd	15/07/15	Reformat	