# Crystal XP2I Datalogger interface instructions

Step one

Communication cable set up -RS232 / USB

In the data logging kit is a white interface connection cable, It is RS232 to USB, This cable is supplied by Crystal engineering , you will need to download to your PC the cable driver for it by going to this link;

http://www.crystalengineering.net/downloads/xp2i

At the second line from bottom of this page under "Software" is download "Crystal USB Driver (2.6)"

You will need to download this cable driver to allow gauge to communicate to computer.

Step two

Datalogging software installation- "DatalogXP"

You will need to load the "Datalog XP" software  onto your computer to enable downloading of data from gauge and set up of logging parameters.

Your computer will need "Excel" as the gauge data downloads direct into excel to give you graph form results and raw data.

You can do this download with the "DatalogXP" software disc supplied in the kit or download on line by following this link;

http://www.crystalengineering.net/downloads/dataloggerxp

At bottom of page is software "DatalogXP (1.5D)", hit this link and download the application, it is free and quick and this is the software that will talk to your gauge and enable datalogging set up parameters and the saving of stored data.

Important notes.

- To start a logging run simply push and hold the "units" button on Gauge until "start" is displayed .

- Remember to zero gauge first so you are commencing log with zero pressure. (particularly important if logging very low pressures or vacuum).

- To stop logging press and hold the "units" button until "stop" is displayed.

- An easy visual check to see if gauge is logging or in standby mode....if the units icon on lcd display  (bar or psi or what ever units you are logging in) is flashing every three seconds then you are logging. If the units icon is not flashing every three seconds you are not logging.

- Once any logging runs are stored on gauge the gauge will not be able to be turned off. Depressing the on/off button on top right side of gauge will put the gauge into standby mode and it will display "D off". Therefore should you ever find the gauge with "D off" displayed then you will know there are logging runs stored awaiting download or deletion.

- Any questions, anytime..ph Gary at CPS Ltd on 021 177 1376 or 09 636 4999 and I will be happy to talk you through technical issues.