

Quick Setup Guide

Hardware Setup

Q-Log Application



USB-485-Pro



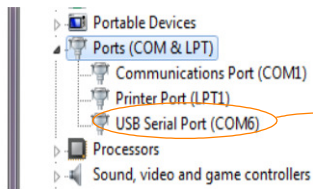
ID=0



ID=1

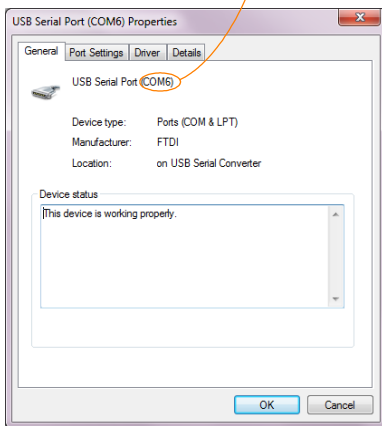


Windows Operating System



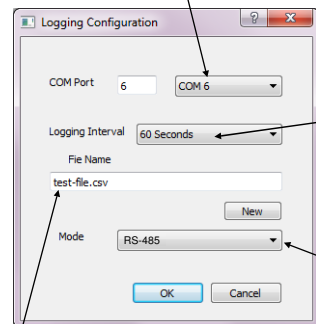
COM 6 is shown identified by the operating system as being in use

COM 6: This is the port number used in the Q-Log setup to identify the media converter dongle port.



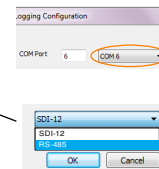
Sample Q-LOG Configuration Window

COM Port Selection List



Data Log File Name & Storage Location

Sample Rate

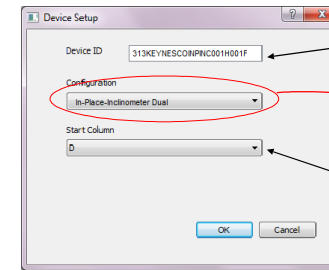


Enter the COM Port number identified in Device Manager List here.

Select the Network Type

The network type is printed on the label of the media converter

Select: **RS485**



Device Identification String Preset into the sensor or interface

Sensor Option Selection Enables different sensor options to be used. **Import you use this option**

Assigns the start cell of the sensor data into the data table making up the log file.

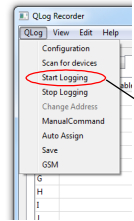
A .. IU - Excel spreadsheet format.

Plug the USB-485-Pro media converter into the PC and identify the active COM port in the operating system using the 'Device Manager'.

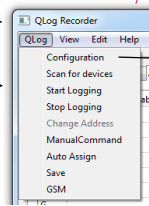
Scan for Devices

The Q-Log software scans the network and lists the identified instruments automatically. The network to be scanned is that specified in the 'Device Setup' Window.

Start Data Acquisition

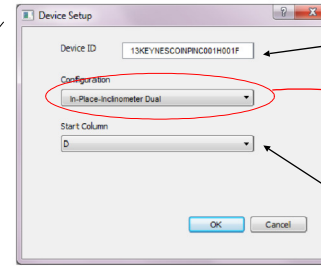
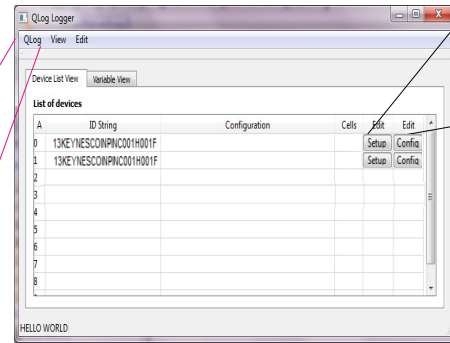


Only start data logging upon identifying instruments on a network.



'Q-Log Data Recording' Window:

Display Identified Instrument/sensor list.



Device Identification String Preset into the sensor or interface

Sensor Option Selection Enables different sensor options to be used. **Import you use this option**

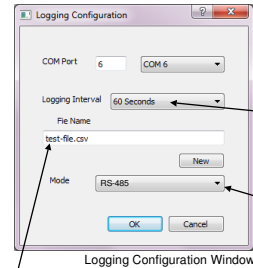
Select 'Dual Axis Option' from pull down list

Assigns the start cell of the sensor data into the data table making up the log file.

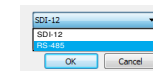
First data value is in Cell D

A .. IU - Excel spreadsheet format.

COM Port Selection List



Sample Rate



Select the Network Type

The network type is printed on the label of the media converter

Select: **RS485**

Excel Spreadsheet Data Results

Record No	Date	Time	236.01	323.5	134.7

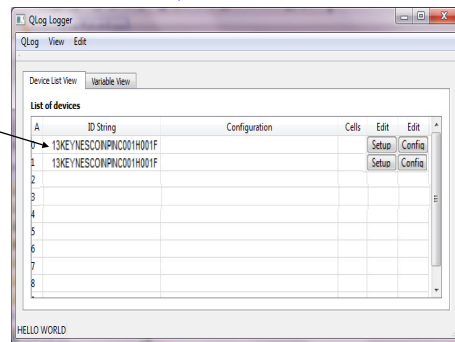
When a results file is loaded into Excel the file format will be as shown. X-Axis Y-Axis Temp Deg C

Important Note. To get data from sensor with ID=0 automatically into Cell 'D' press the auto assign option.

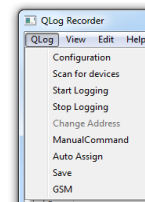
After 'Scan for devices' option selected the the following Window will be shown.

The sample sensors have ID=0 and ID=1

Sensor ID=0

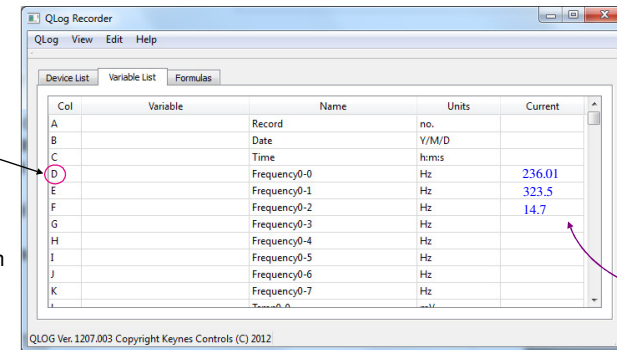


Auto-Assign Results Table



Press the 'Auto Assign' button so that the data from the I-P-I sensors fits in consecutive cells in the data table.

Cell D



ID=0 X Axis (mm/m)
ID=0 Y Axis (mm/m)
ID=0 Temp Deg C

Real-time results updates after each acquisition.

Once this Window is displayed it means that the USB-485-Pro media converter and the I-P-I sensors are installed and operating correctly.

IMPORTANT NOTE. This is the default screen that is displayed. Refer to the Q-LOG manual for changing the 'Name' and 'Units'

Set units to mm/m (X Axis, Y Axis) and Dec C for temperature