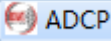# DP-Pro Q V4.0 Quick Start

1. Start DP-Pro Q Measurement:
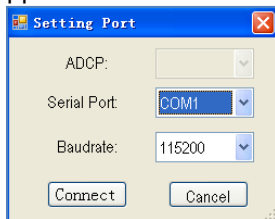
Double click ![ADCP] to run DP-Pro Q. The main interface shows as:

Click the "measure discharge" button to start a new measurement.
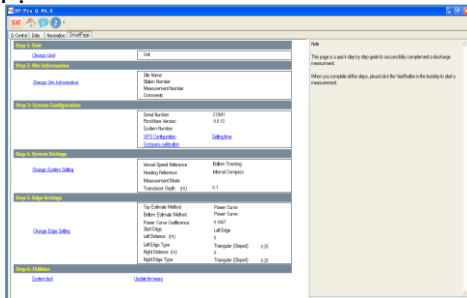
2. Communication

The software auto connects the serial port last time used. If unsuccessful, the setting port dialogue will appear:
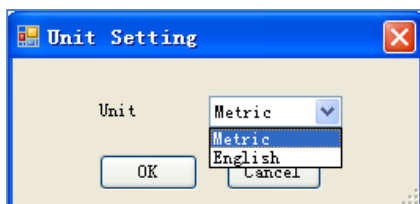

Select the serial port and click "Connect" button

3. Configuration

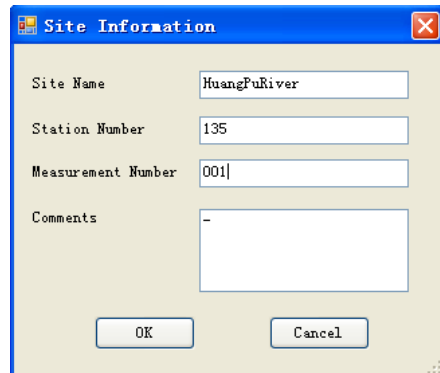The smart page follows after connecting the ADCP:

4. Smart Page -- Setting Unit:

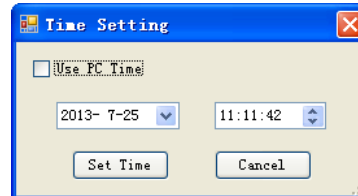Users can change the unit to Metric or English

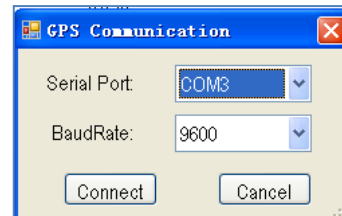## 5. Smart Page -- Site Information:

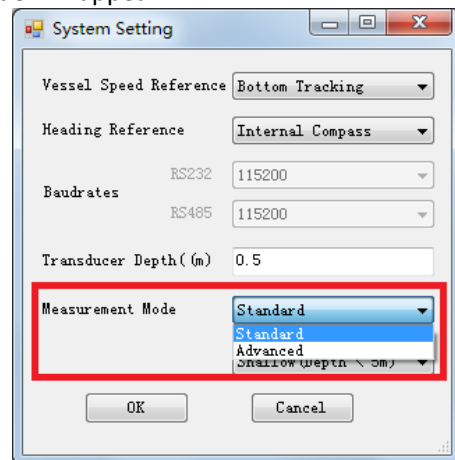Input the site information which will be included on the summary report

6. Smart Page -- System Configuration

Set the GPS communication, ADCP time setting if necessary.

7. Smart Page -- System Setting

Click "Change System Setting", system setting dialogue will appear:

Recommend Measurement Mode: Standard.
Users select the maximum depth to be measured.

DP-Pro Q V4.0 Quick Start

8. Smart Page – Edge Setting

Set discharge estimation method and edge parameters for unmeasured area.

9. Start Pinging

Start pinging: Click the "Start" button or press the short key "F5".

10. Transect Measurement – Starting Edge

Move away from the shore until ADCP can measure 2 good bins at least. Click "EDGE1" button or Press the short key "F5" to measure the start edge.

The "Begin Transect Setting" dialogue will appear after click the "EDGE1" button.

Note: Keep the vessel as stationary as possible during "EDGE1" measurement.

11. Transect Measurement – Crossing the River

After collecting 10 shore ensembles (default setting), the "Move" button will blink. Click the "Move" button or press the short key "F5" and move the vessel crossing the river.
Note: Move the vessel as stable as you can, keep the vessel speed equal or less than water flow speed.

12. Transect Measurement – Ending Edge

When the vessel reaches the other edge, click the "EDGE2" button or press the short-key "F5" to set the ending edge.

Holding the vessel at the ending edge and collect at least 10 shore ensembles (default setting).

13. Transect Measurement – Complete Transect Measurement

Click "stop" button or press the short key "F6" to complete the transect measurements.

Technical Support

For more DP-Pro Q software technical issues, please refer to the user manual or contact Shanghai Pan-Communication Scientific Instrumentation Co., Ltd.

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