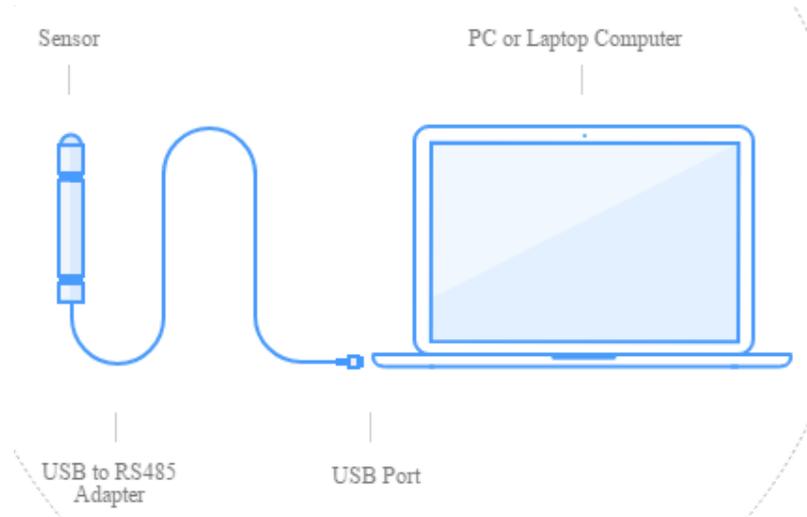
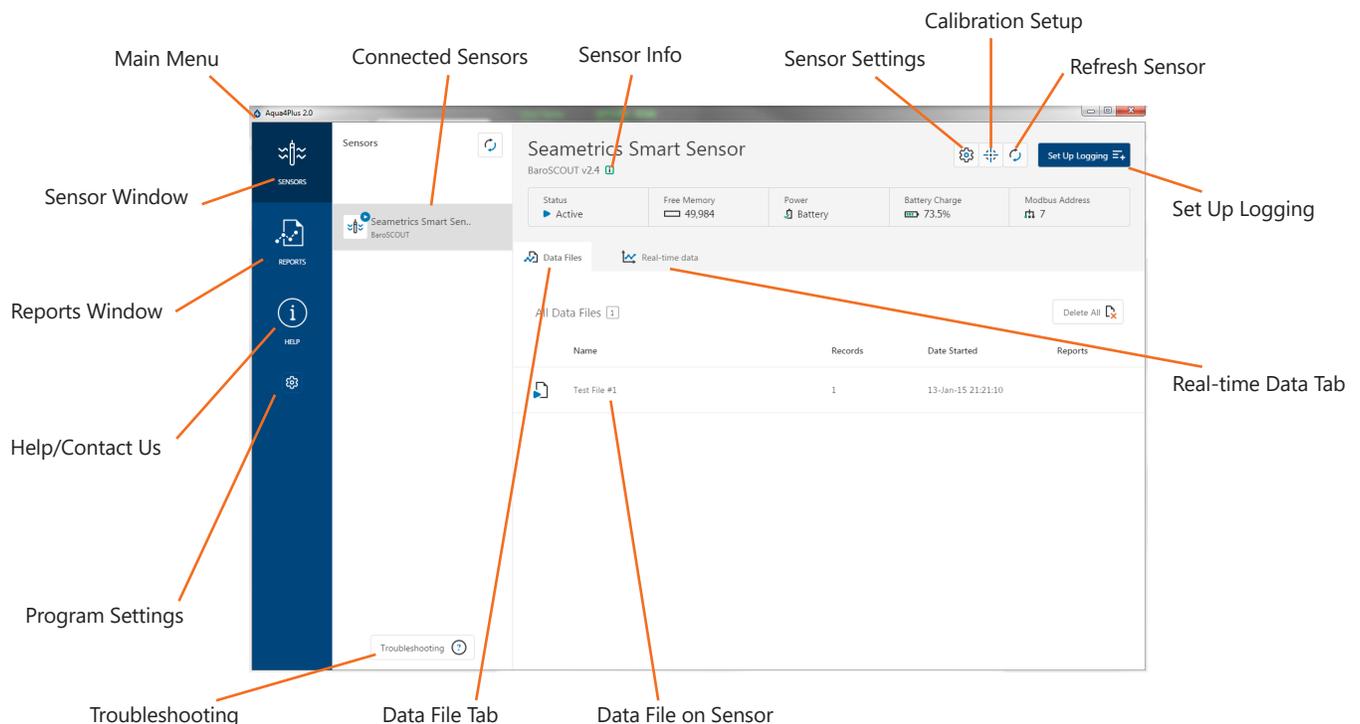


Step 1—Connect your USB/RS485 cable to your PC and sensor as shown below. Note: If you have never used a Seametrics USB/RS485 cable make sure you have internet access before plugging it in for the first time. Drivers will then self install. If you've previously used this cable no need to update drivers.

Step 2—Install Aqua4Plus 2.0 from USB stick or download from www.seametrics.com Note: If installing on a PC with an existing version of Aqua4Plus make sure to select an installation directory other than the default to avoid installing 2.0 over an existing version.



Step 3—Open Aqua4Plus 2.0, software will automatically detect your com port settings and scan for sensors



The screenshot shows the Aqua4Plus 2.0 software interface. The main window displays 'Seametrics Smart Sensor' information for a 'BaroSCOUT v2.4' sensor. The interface includes a sidebar with navigation options and a main content area with data tabs and settings.

Labels and Callouts:

- Main Menu
- Sensor Window
- Reports Window
- Help/Contact Us
- Program Settings
- Troubleshooting
- Connected Sensors
- Sensor Info
- Sensor Settings
- Calibration Setup
- Refresh Sensor
- Set Up Logging
- Real-time Data Tab
- Data File Tab
- Data File on Sensor

Name	Records	Date Started	Reports
Test File #1	1	13-Jan-15 21:21:10	

Sensor Settings

Sensor settings is where you will change sensor specific items such as sensor name, address, and baud rate.

Sensor Settings

Seametrics Smart Sensor

BaroS-COUT

Modbus Address: 7 Baud Rate: 38,400

Direct Read Units
 Temperature: °C Pressure: psi

Sensor Clock
 PC Time: 08-Mar-18 12:01:10
 Sensor Time: 14-Jan-15 01:02:37 [!]

Battery Information
 I have just put in fresh batteries
 Battery Type: LevelSCOUT/BaroS-COUT Battery

Battery Status: Level 73.5%, Battery Voltage 3.53 V, Last Changed 08-Jun-17

Buttons: Save

Callouts:

- Set Modbus address and Baud rate
- Set sensor name
- Set desired output units for Modbus & SD12 direct read use
- Entered desired date/time or sync with PC clock
- Set time entered to sensor
- Reset battery calculator after battery changing only
- Battery status
- Save settings

Calibration Setup

Calibration setup is used to configure your sensor to read pressure as different level types, or to calibrate the pressure and/or conductivity channels before deployment.

Depth/Submergence 1 or 2 point pressure calibration (includes Conductivity channel for CT2X)

Adjustments and Calibration for Seametrics Smart Sensor

Choose your setting type

Depth/Submergence Depth-to-Water Elevation Staff Gauge

Check measurement units

Pressure: psi m H2O Ft H2O

Conductivity: µS/cm mS/cm

Buttons: Close, Continue

Configure pressure to read as Depth to Water

Configure pressure to match a staff gauge

Configure pressure to read as Groundwater Elevation

For detailed calibration setup instructions see full Aqua4Plus 2.0 manual

Set Up Logging Schedule

Set Up Logging will help configure your specific data collection schedule.

The screenshot shows the 'Seametrics Smart Sensor' configuration window. Key elements include:

- Data File Name:** A text input field containing 'Test File #1'.
- Select duration time or # of records:** A dropdown menu for 'Duration' set to '30 day' and a text field for '2881 records'.
- Select logging interval or continuous logging:** A dropdown menu for 'Interval' set to '15 minute'.
- Sync sensor clock to PC clock:** A toggle switch labeled 'Sync with PC time' which is currently turned on.
- Activate delayed start:** A checkbox labeled 'Delayed Start' which is currently turned off.
- Set desired logging start time for delayed start logging:** A date/time picker showing '08-Mar-18 10:45:39'.
- Available memory:** A progress bar showing '1% memory used'.
- Start logging:** A large blue 'Start' button at the bottom right.
- Other callouts:** 'Add Phase +', 'Delete selected template', 'Save current schedule as a template', and 'Jump to Calibration Setup'.

See full Aqua4Plus 2.0 manual for detailed logging instructions

The status bar contains three items:

- Logging Active:** Represented by a blue play button icon.
- Logging Paused:** Represented by a yellow pause icon.
- Logging Complete:** Represented by a green checkmark icon.

The 'All Data Files' table shows the following data:

Name	Records	Date Started	Reports
Test File #1	6	13-Jan-15 21:21:10	[Report Icon]

Callouts for the table row include:

- Pause logging:** A blue play button icon.
- Terminate logging:** A red stop icon.
- Download data:** A blue download icon.
- View logging setup:** A blue gear icon.
- Link to Reports:** A green report icon.
- Delete all data from sensor:** A 'Delete All' button with a trash icon.

Reports

Download files for viewing and/or exporting through Reports.

Import .a4d file Search reports by keyword Delete all reports

All Reports [Download]

Group by Date Size Name

Name	Date Modified	Records	Source	Created By
February, 2018				
300k test 21-Feb 15:30:09 - 22-Feb 07:40:51	22-Feb 12:02:29	232,971	Downloaded	seanv

Report details, click to open Report view Export report Barometric Compensation Utility Delete Report

See full Aqua4Plus 2.0 manual for details on Barometric Compensation and Report exporting

Report View

Report view displays the selected data file and associated details.

Information tab contains user notes

Report Details

Test File #2

Status: Completed Records: 400 Date Started: 21-Feb-18 15:19:36

Information Data Schedule

Data view tab

View data as a graph

View data statistics

View logging schedule

View full screen graph

View data as a table

Graph zoom slider

Graphing options, zoom, print, export image

Export report to .csv or .a4d

Delete report

Delete Export Close

Close Report view

For the most recent Aqua4Plus 2.0 Software instruction manual please visit: seametrics.com/downloads.