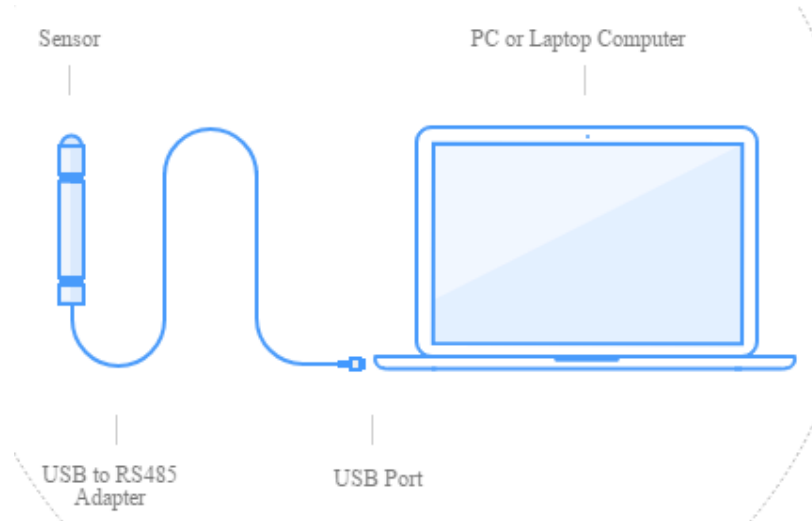
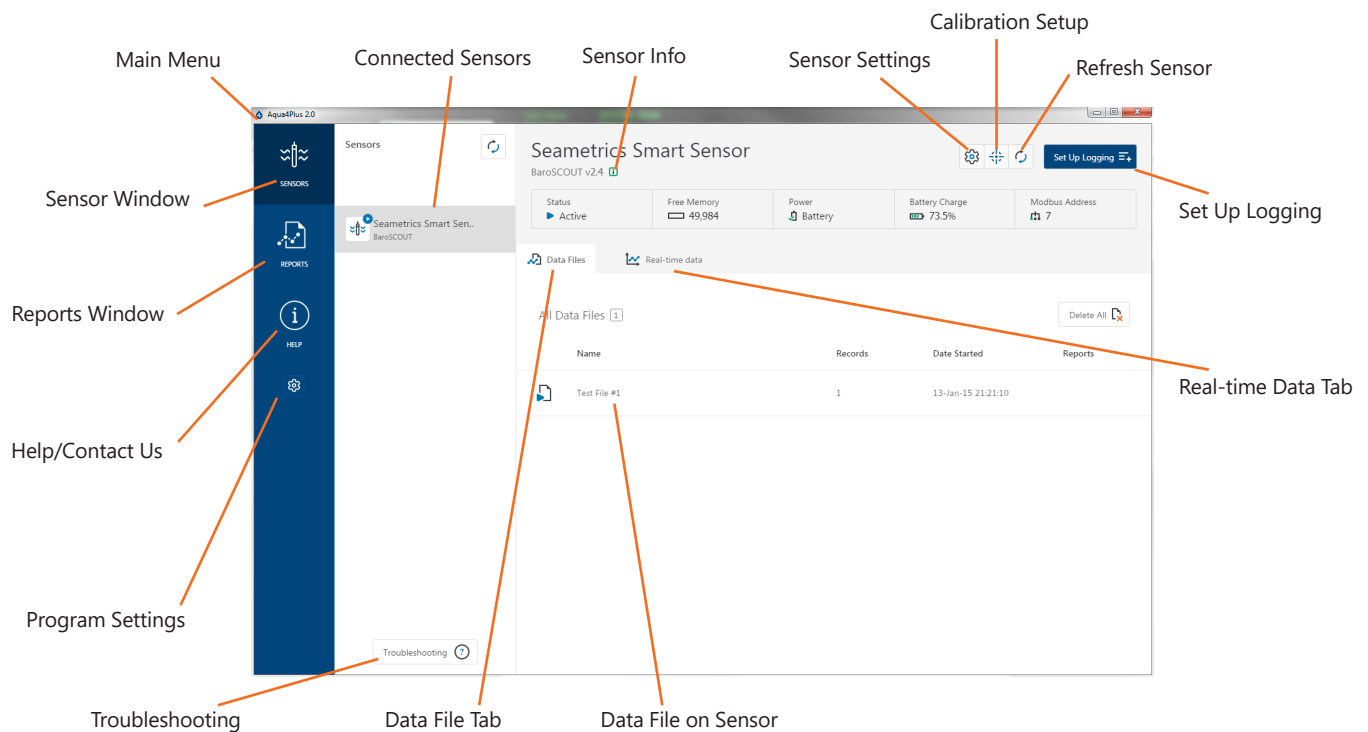


Step 1—Connect your USB/RS485 cable to your PC and sensor as shown below. Note: If you have never used a Seametrics USB/RS485 cable make sure you have internet access before plugging it in for the first time. Drivers will then self install. If you've previously used this cable no need to update drivers.

Step 2—Install Aqua4Plus 2.0 from USB stick or download from [www.seametrics.com](http://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 tables and control buttons.

**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.

**Set Modbus address and Baud rate** (points to Modbus Address: 7 and Baud Rate: 38,400)

**Set sensor name** (points to the edit icon for the sensor name)

**Set desired output units for Modbus & SD12 direct read use** (points to Direct Read Units: Temperature °C, Pressure psi)

**Entered desired date/time or sync with PC clock** (points to Sensor Time: 14-Jan-15 01:02:37)

**Set time entered to sensor** (points to the Set Time button)

**Reset battery calculator after battery changing only** (points to the checkbox 'I have just put in fresh batteries')

**Battery status** (points to the battery level bar showing 73.5%)

**Save settings** (points to the Save button)

## 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)

**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' logging configuration window. Callouts point to various features:

- Data File Name:** Points to the 'Test File #1' input field.
- Select pre-programmed or custom logging template:** Points to the 'Select Template' dropdown menu.
- Select logging interval or continuous logging:** Points to the 'Interval' section with '1' and '15 minute'.
- Add a logging phase:** Points to the 'Add Phase +' button.
- Set logging interval & time unit OR select continuous rate:** Points to the 'Duration' section with '30 day' and '2881 records'.
- Select duration time or # of records:** Points to the 'Duration' section.
- Save current schedule as a template:** Points to the save icon.
- Delete selected template:** Points to the delete icon.
- Sync sensor clock to PC clock:** Points to the 'Sync with PC time' toggle.
- Jump to Calibration Setup:** Points to the calibration icon.
- Activate delayed start:** Points to the 'Delayed Start' checkbox.
- Set desired logging start time for delayed start logging:** Points to the date/time picker.
- Available memory:** Points to the '1% memory used' progress bar.
- Start logging:** Points to the 'Start' button.
- Set duration time/time units OR #of records:** Points to the 'Duration' section.

See full Aqua4Plus 2.0 manual for detailed logging instructions

A horizontal bar with three status indicators: a play button for 'Logging Active', a pause button for 'Logging Paused', and a checkmark for 'Logging Complete'.

The screenshot shows a table of data files with callouts for various actions:

- Pause logging:** Points to the pause icon in the row for 'Test File #1'.
- Terminate logging:** Points to the stop icon in the row for 'Test File #1'.
- Download data:** Points to the download icon in the row for 'Test File #1'.
- View logging setup:** Points to the settings icon in the row for 'Test File #1'.
- Link to Reports:** Points to the reports icon in the row for 'Test File #1'.
- Delete all data from sensor:** Points to the 'Delete All' button at the top right.

Name	Records	Date Started	Reports
Test File #1	6	13-Jan-15 21:21:10	[Reports 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				
<b>300k test</b> 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 logging schedule

Graph zoom slider

Export report to .csv or .a4d

Delete report

View data as a graph

View data statistics

View full screen graph

View data as a table

Graphing options, zoom, print, export image

Close Report view

Graphing options: TDS, Salinity, Pressure, Conductivity, Temperature

For the most recent Aqua4Plus 2.0 Software instruction manual please visit: [seametrics.com/downloads](http://seametrics.com/downloads).