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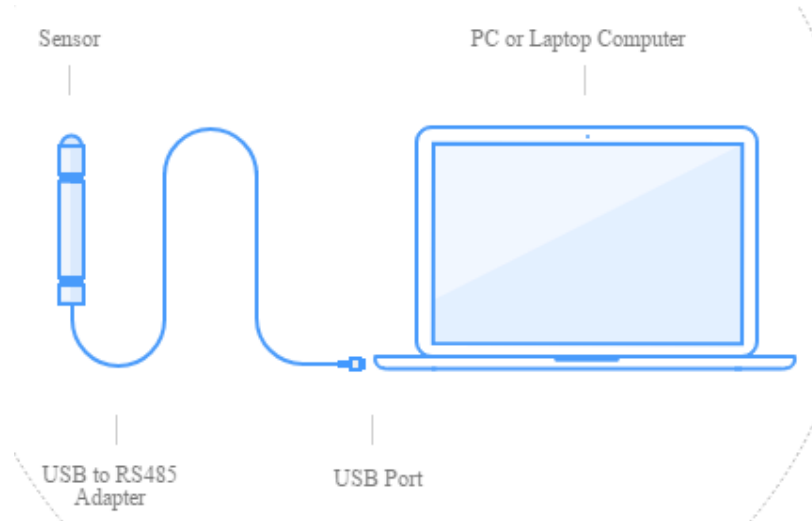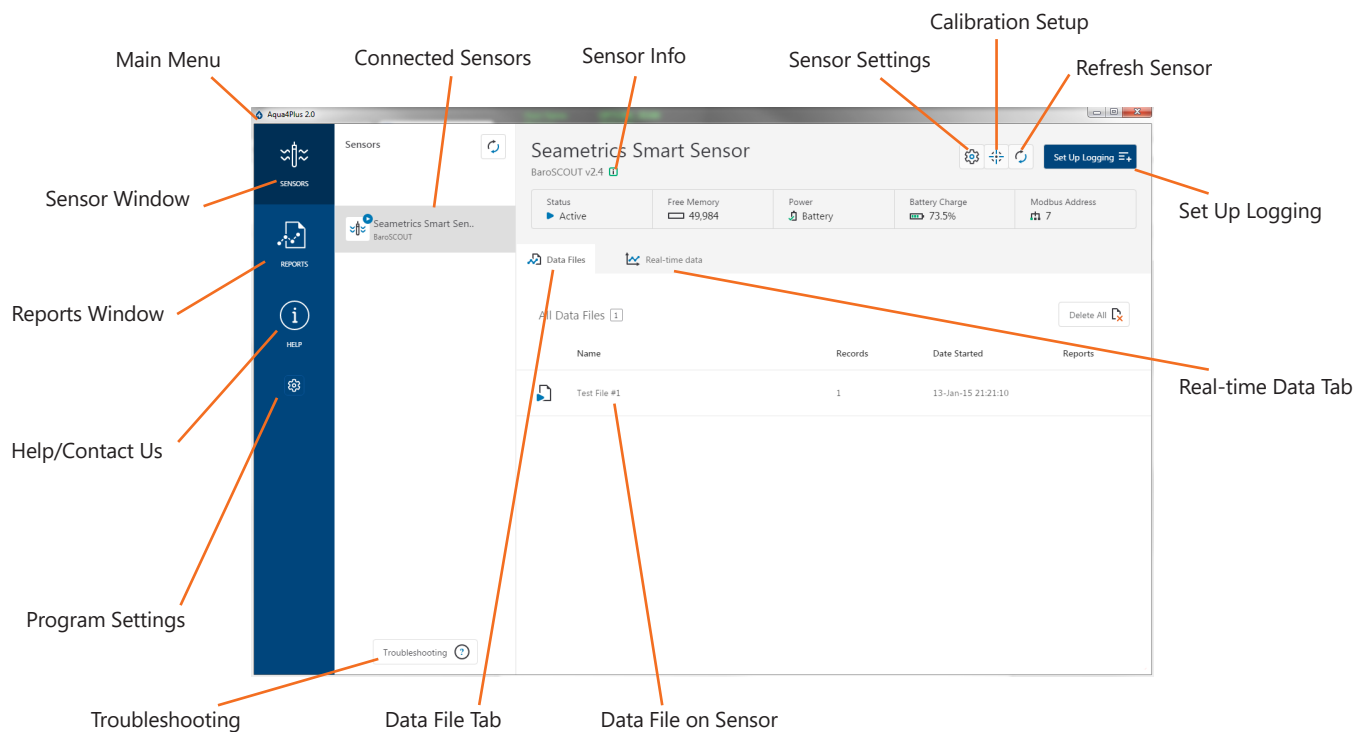
Step 1—Connect your USB/RS485 cable to your PC and sensor as shown below. Note: If you have never used a Seametrics USB/RS485 cable make sure you have internet access before plugging it in for the first time. Drivers will then self install. If you've previously used this cable no need to update drivers.

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

Seametrics

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

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

Sensor Settings ✕

Seametrics Smart Sensor ✎

BaroSCOUT

Modbus
Modbus Address | Baud Rate
7 | 38,400

Direct Read Units
Temperature | Pressure
°C | psi

Sensor Clock
PC Time | 08-Mar-18 12:01:10
Sensor Time | 14-Jan-15 01:02:37 ⚠ | Set Time

Battery Information
☐ I have just put in fresh batteries

Level | 73.5%

Battery Type
LevelSCOUT/BaroSCOUT Battery

Battery Voltage | Last Changed
3.53 V | 08-Jun-17

Save

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

Configure pressure to read as Depth to Water

Configure pressure to match a staff gauge

Configure pressure to read as Groundwater Elevation

Adjustments and Calibration for Seametrics Smart Sensor ✕

Choose your setting type

Depth/Submergence | Depth-to-Water | Elevation | Staff Gauge

Check measurement units

Pressure | Conductivity
● psi | ● µS/cm
○ m H2O | ○ mS/cm
○ Ft H2O

Close | Continue

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.

Select duration time or # of records

Save current schedule as a template

Sync sensor clock to PC clock

Jump to Calibration Setup

Data File Name

Delete selected template

Select pre-programmed or custom logging template

Select logging interval or continuous logging

Activate delayed start

Set desired logging start time for delayed start logging

Add a logging phase

Available memory

Start logging

Set logging interval & time unit OR select continuous rate

Set duration time/time units OR #of records

See full Aqua4Plus 2.0 manual for detailed logging instructions

— Logging Active   — Logging Paused   — Logging Complete

Delete all data from sensor

Pause logging

Terminate logging

View logging setup

Download data

Link to Reports

Reports

Download files for viewing and/or exporting through Reports.

Import .a4d file

Search reports by keyword

Delete all reports

All Reports ⬇

🔍

Delete All ▣

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

Data view tab

View logging
schedule

Graph zoom slider

Export report to .csv
or .a4d

Delete report

Report Details

Test File #2

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

ⓘ Information   Data   Schedule

View data as a
graph

View data
statistics

View full
screen graph

View data as
a table

Graphing options,
zoom, print, export
image

15 psi
174 mg/L   355 µS/cm
0.2 PSU
354 µS/cm
14.9 psi
22.1 °C
173 mg/L   353 µS/cm
352 µS/cm
0.1 PSU
22 °C

03:20:2 03:20:3 03:20:4 03:20:5 03:21:0 03:21:1 03:21:2 03:21:3 03:21:4 03:21:5 03:22:0 03:22:1

— TDS — Salinity — Pressure — Conductivity — Temperature

Delete ▣   Export ⬇

Close

Close Report view

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

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