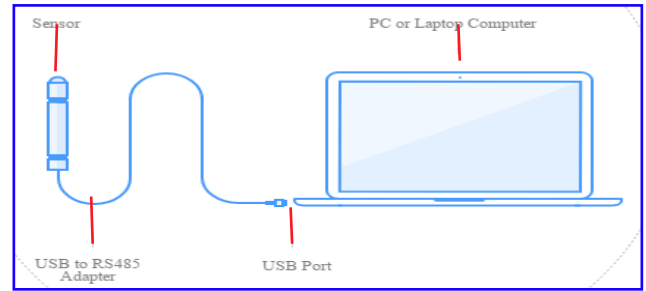
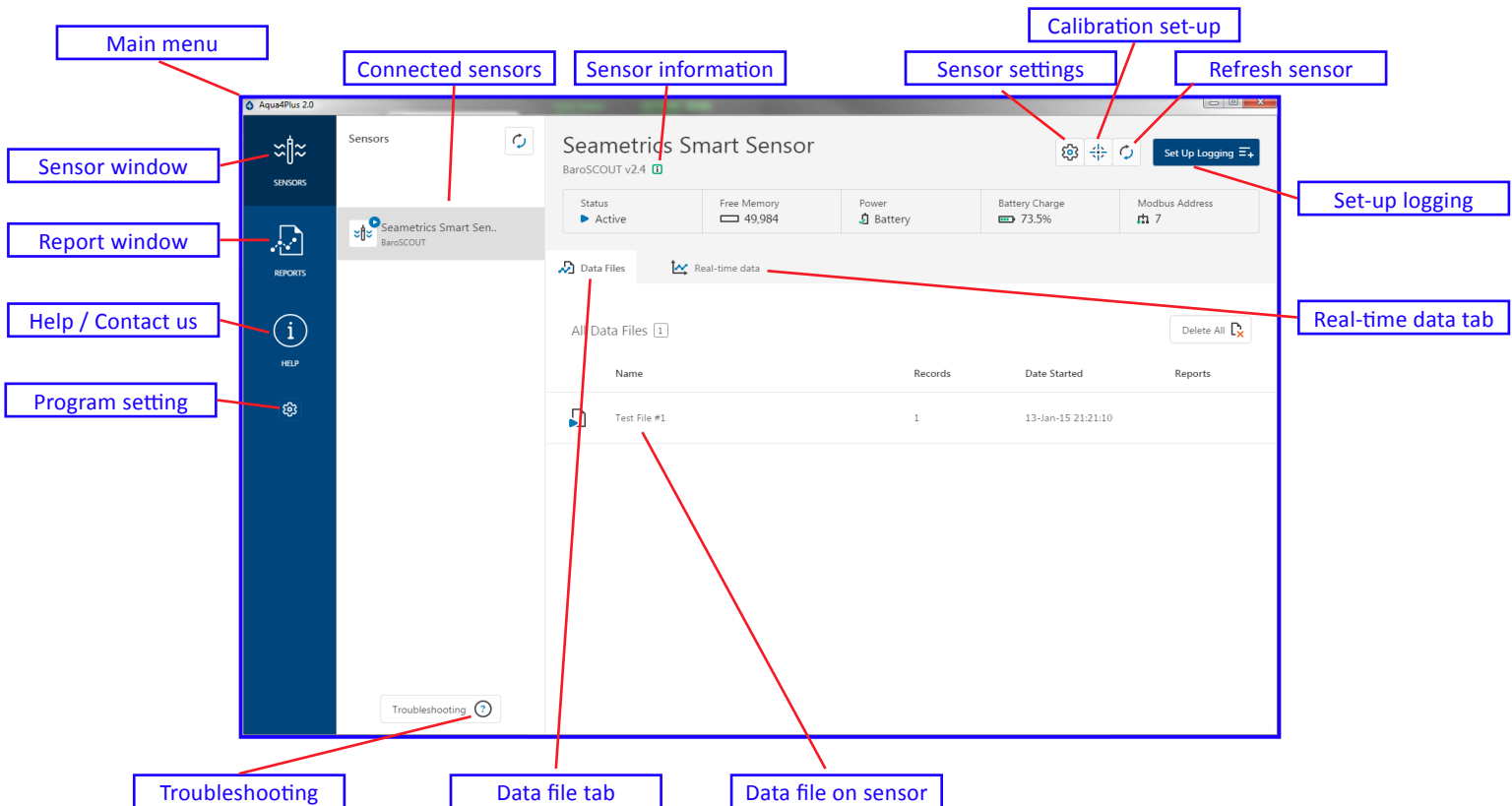


## QUICK START GUIDE: Aqua4Plus Software

This guide serves as a quick reference for using Aqua4Plus Software. It is for your convenience and is not intended to replace the information found in the Instruction Manual available to download: <https://www.vanwalt.com/pdf/general/Aqua4Plus-2-0-User-Manual.pdf>

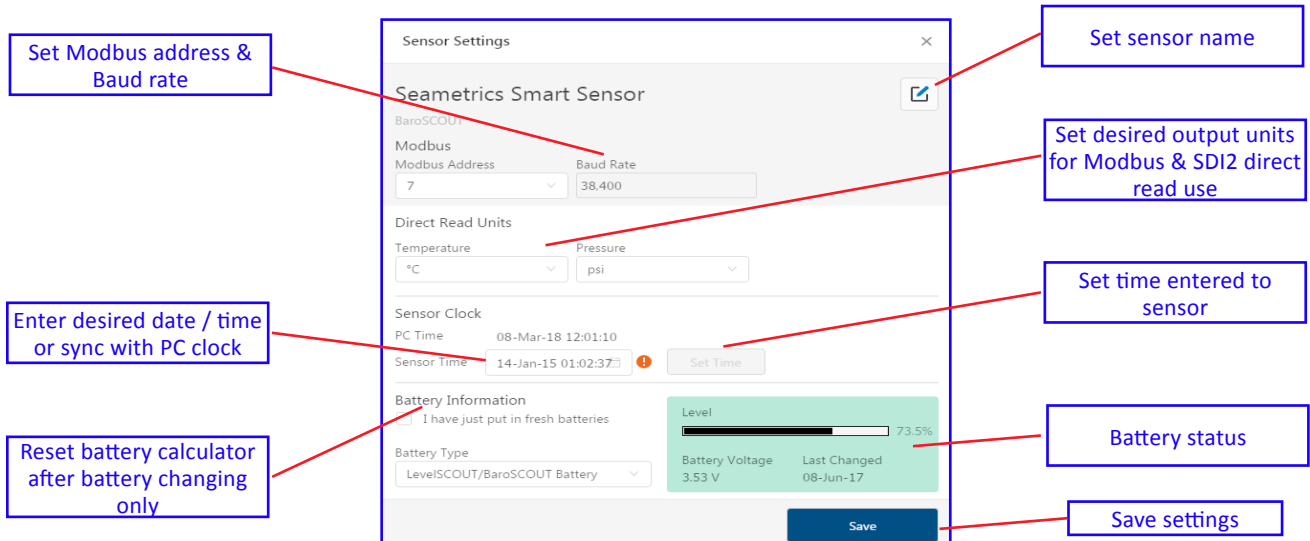
1. Connect your USB Communication Kit/RS485 cable to your PC and sensor as shown. Note: if you have never used one of these before make sure you have internet access before plugging it in for the first time. Drivers will then self-install. If you've previously used this cable no need to update drivers.
2. Install Aqua4Plus 2.0 from USB stick or download from <https://www.vanwalt.com/equipment/levelscout/>. 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.
3. Open Aqua4Plus 2.0, software will automatically detect your com port settings and scan for sensors.
4. **When software updates are released Aqua4Plus software will automatically update when you have a connection to the internet.**

The screenshot shows the Aqua4Plus 2.0 software interface. The left sidebar contains the 'Main menu' with icons for 'Sensors', 'Reports', 'Help / Contact us', and 'Program setting'. The main area displays 'Connected sensors' with a list of 'Seametrics Smart Sensor' (BaroSCOUT v2.4). The 'Sensor information' tab is active, showing status (Active), free memory (49,984), power (Battery), battery charge (73.5%), and Modbus Address (7). The 'Real-time data' tab is also visible, showing a table of data files. The 'Sensor settings' window is open, showing fields for '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), and 'Battery Information' (Level: 73.5%, Voltage: 3.53 V, Last Changed: 08-Jun-17). The 'Set-up logging' button is also visible.

### Sensor Settings

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



The screenshot shows the 'Sensor Settings' dialog box for the 'Seametrics Smart Sensor' (BaroSCOUT). The 'Modbus' section shows 'Modbus Address' (7) and 'Baud Rate' (38,400). The 'Direct Read Units' section shows 'Temperature' (°C) and 'Pressure' (psi). The 'Sensor Clock' section shows 'PC Time' (08-Mar-18 12:01:10) and 'Sensor Time' (14-Jan-15 01:02:37). The 'Battery Information' section shows 'Level' (73.5%), 'Battery Voltage' (3.53 V), and 'Last Changed' (08-Jun-17). The 'Save' button is at the bottom right. The 'Set Time' button is next to the 'Sensor Time' field.

## QUICK START GUIDE: Aqua4Plus Software

### Calibration Set-up

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.

**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

Close   Continue

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 Dip Meter reading

Configure pressure to read as Groundwater elevation

### Set-up Logging Schedule

Set-up logging will help you configure your specific data collection schedule.

**Logging Schedule**

Seametrics Smart Sensor

Test File #1

Select Template

Interval: 1 | 15 | 30 minute

Duration: 30 day

2881 records

Delayed Start: ☐ 08-Mar-18 10:45:39

1% memory used

Start

Data file name

Select duration time OR # of records

Save current schedule as a template

Delete selected template

Sync sensor clock to PC clock

Jump to calibration set-up

Activate delayed start

Set desired logging start time for delayed start logging

Available memory

Set logging interval & time unit or select continuous rate

Add a logging phase

Set duration time/time units OR #of records

Start logging

Logging active   Logging paused   Logging complete

Pause logging

Terminate logging

Download data

View logging set-up

Delete all data from sensor

Link to reports

Name	Records	Date Started	Reports
Test File #1	6	13-Jan-15 21:21:10	Link to reports

## QUICK START GUIDE: Aqua4Plus Software

### Reports

Download files for viewing and/or exporting through Reports.

The screenshot shows the 'All Reports' section of the Aqua4Plus software. It features a search bar at the top, a 'Delete All' button, and a table of reports. A specific report is highlighted, showing details like '300k test', '21-Feb 15:30:09 - 22-Feb 07:40:51', and '22-Feb 12:02:29'. Callouts point to various interactive elements:

- Import .a4d file**: Points to the download icon next to 'All Reports'.
- Search reports by keyword**: Points to the search bar.
- Delete all reports**: Points to the 'Delete All' button.
- Report details, click to open Report view**: Points to the report name '300k test'.
- Export report**: Points to the export icon (floppy disk) for the selected report.
- Barometric Compensation Utility**: Points to the barometric compensation icon (cylinder) for the selected report.
- Delete Report**: Points to the delete icon (trash) for the selected report.

### Report View

Report view displays the selected data file & associated details.

The screenshot shows the 'Report Details' for 'Test File #2'. It includes tabs for 'Information', 'Data', and 'Schedule'. The 'Data' tab is active, displaying a graph of TDS, Salinity, Pressure, Conductivity, and Temperature over time. Callouts point to various interactive elements:

- Date view tab**: Points to the 'Data' tab.
- Information tab contains user notes**: Points to the 'Information' tab.
- View logging schedule**: Points to the 'Schedule' tab.
- Graph zoom slider**: Points to the zoom slider on the graph.
- Export report to .csv or .a4d**: Points to the 'Export' button.
- Delete report**: Points to the 'Delete' button.
- View data as a graph**: Points to the graph area.
- View data statistics**: Points to the 'Statistics' button.
- View full screen graph**: Points to the 'Full Screen' button.
- View data as a table**: Points to the 'Table' button.
- Graphing options, zoom, print, export image**: Points to the graphing options menu.
- Close report view**: Points to the 'Close' button.

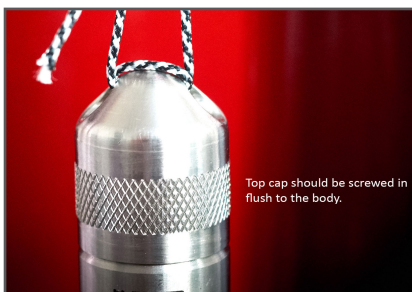
## QUICK START GUIDE: Aqua4Plus Software



### CAUTION

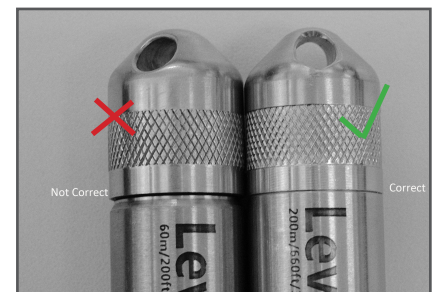
Please take some time to familiarise yourself with the connection of the LevelSCOUT to the communication cable as incorrect usage could cause damage.

Connect the LevelSCOUT to your PC or laptop via the USB cable. Align the male and female connectors on the cable and the LevelSCOUT by GENTLY rotating until the slots and pins align. Use the knurled, silver connector nut to tighten the connection. **DO NOT** tighten by turning the black cable gland. This will cause damage to the pins.



### REPLACING THE TOP CAP

Please ensure the Top Cap of the LevelSCOUT is screwed in flush to the body of the logger.



**Scan to download the video**

For more detailed information on any of the points covered in this Quick Start Guide please refer to the Aqua4Plus Manual found at: <https://www.vanwalt.com/pdf/general/Aqua4Plus-2-0-User-Manual.pdf>