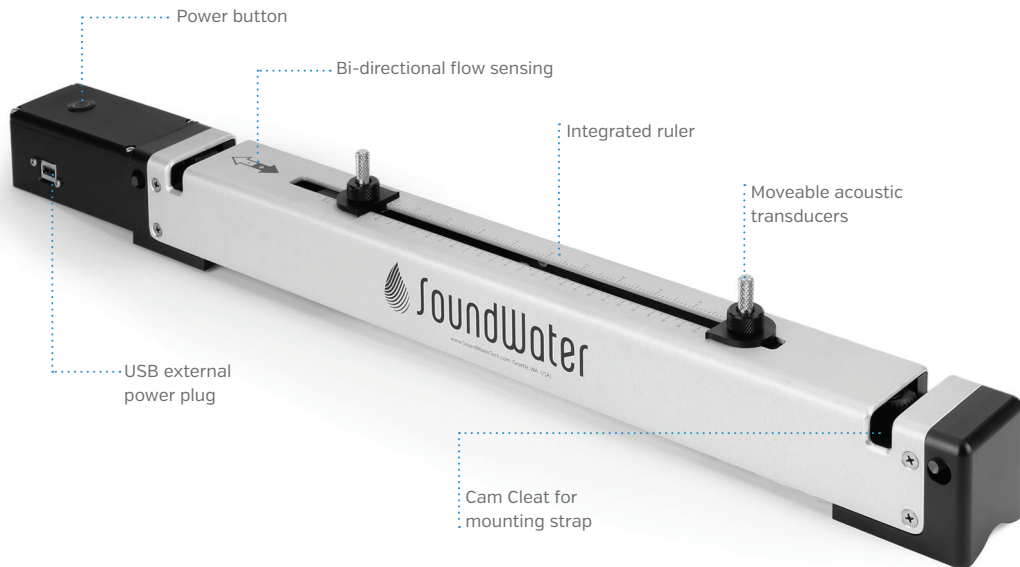




Quick Start Guide

Welcome to SoundWater Orcas™.

This guide shows you how to download the mobile application and helps you set it up and pair it with the Orcas Sensor to start taking readings. Orcas ships fully charged and works for 12+ hours on a single charge.



This device complies with Part 15 of FCC Rules and Industry Canada license-exempt RSS standard[s]. Operation is subject to the following two conditions: [1] this device may not cause harmful interference, and [2] this device must accept any interference received, including interference that may cause undesired operation. Contains FCC ID: XDULE40-S2, Contains IC: 8456A-LE4S2. CAN ICES-1/NMB-1; CAN ICES-3 (B)/NMB-3(B)

MODEL: SWT ORCAS-01

Let's get started.

Begin by downloading the SoundWater Orcas app to your iPhone™ or other bluetooth enabled mobile device from the App Store™ or Google Play™.

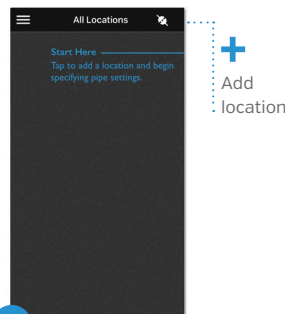
Your Orcas Sensor battery comes fully charged and ready to go. When it's time to recharge the battery, the app will let you know.



1

Connect your flowmeter.

At launch the app will find any nearby Orcas flowmeters. Select the flowmeter you want to connect to from the list.

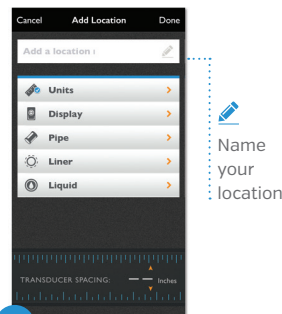


2

Add your location.

Launching the app lands you on the locations screen. Begin by tapping on the add location (+) button.

The app always begins with this screen at launch making it easy to access previously saved location settings.



3

Set up your location.

Drill-down through the parameter selections and choose from the pre-loaded pipe types, pipe dimensions and fluid databases. Don't see the right option? Add your custom values!

Give your location a name, then save. Each location's settings can be stored in the Orcas app, ready for reuse.

Pipe and liquid parameter selection and input screens:



Toggle between metric and Imperial units of measure. Select **Flow Rate**, **Volume** and **Velocity** from our pre-loaded parameter values or add custom values.



Drag and drop the outputs that you rely on most to display on the main screen.



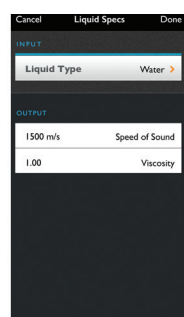
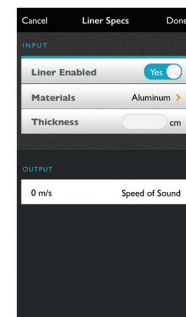
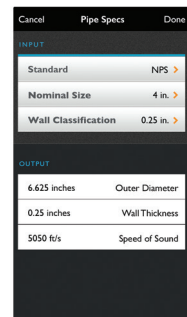
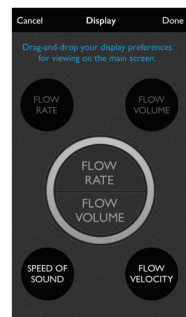
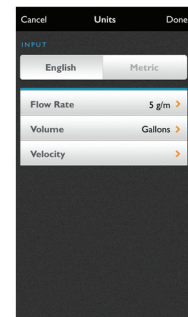
Select **Pipe Type** and **Wall Classifications** from our pre-loaded values or add custom values.



Switch between liner and no liner. With liner enabled selected, choose **Liner Material** from our pre-loaded database or add custom values. Enter a custom value to add **Thickness**.

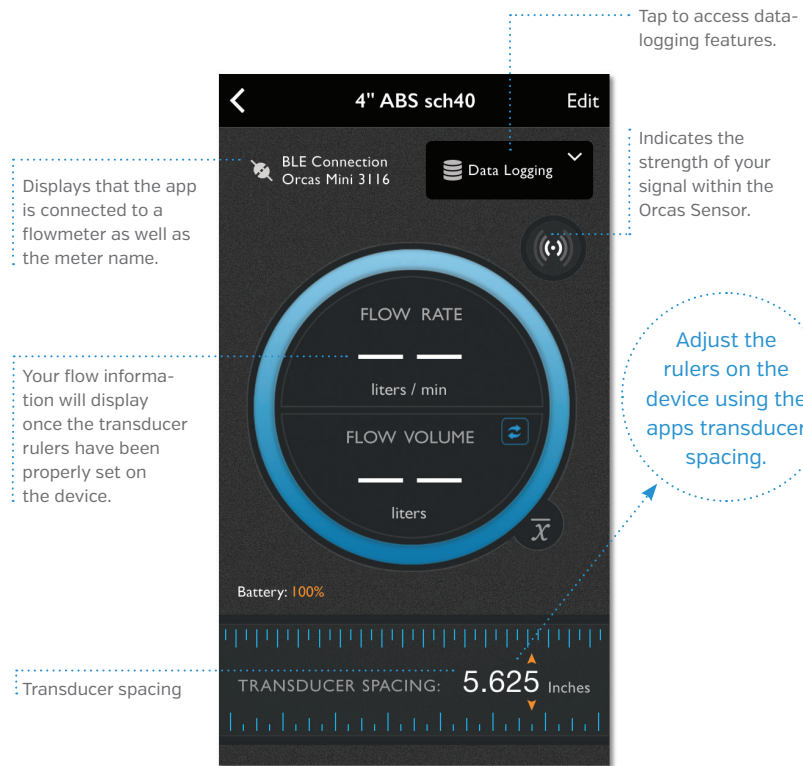


Select **Liquid Type** from our pre-loaded parameter values or add custom values.



Parameters all set! Now you have your transducer spacing.

With your location parameters defined you are now getting the transducer spacing from the app. Use this value to set the position of transducers on the Orcas Sensor.



Displays that the app is connected to a flowmeter as well as the meter name.

Your flow information will display once the transducer rulers have been properly set on the device.

Transducer spacing

Tap to access data-logging features.

Indicates the strength of your signal within the Orcas Sensor.

Adjust the rulers on the device using the apps transducer spacing.



Preparing and mounting the sensor.

Now the convenient Cam Cleat lets you mount the sensor on the pipe in seconds—no cumbersome clamps required. Bi-directional readings are transmitted wirelessly to your mobile device for display.



Take your readings.

Refer back to the Orcas App to get your flow readings.



Got your readings?

Snap the cords out of their Cam Cleats and you're ready to move on to your next measurement. Next time you return to this location, the Orcas App will remember your settings.

Re-charging the internal battery.

Connect the 6 V USB connector on the charger connecting cord to the USB connector on the Flowmeter, then plug into the wall outlet. Use only the charger and USB charger connecting cord provided with the Flowmeter.

Support

Contact SoundWater Technologies at support@soundwatertech.com. Or call 1-509-899-7838.