

LS1R Environmental Monitor

4G

1. Welcome to Waterwatch!

An email has been sent to you with a link to create your account in Waterwatch Live.

Follow the link to set up your account with your email address and new password.

If you haven't received an email, let us know and we'll sort it out.

2. Download the App

Using your mobile phone, search for the [Waterwatch Mobile App](#) in the Play Store for Android or the App Store and install.



Log into the app using the email and password you have set in your Waterwatch Live account.

Need help? Chat: [waterwatch.io](#)
 Guides: [help.waterwatch.io](#)
 Phone: NZ (03) 477-2779
 AUS (07) 5235-5288
 Email: info@waterwatch.io

3. Ready to Install Your Sensor?

Now that you have created your account it's time to install and then set up your LS1R monitor in the app.

Tools you'll need:



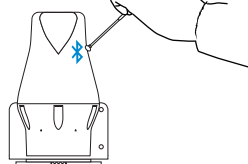
Tape Measure



4 X M4 or M6 Screws

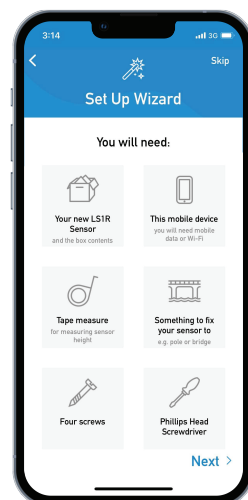


Magnet wand (supplied)



The magnet wand is used to activate the Bluetooth connection during the Set Up Wizard

You'll need to be [at your installation site](#) when you are ready to follow the Set Up Wizard steps.



Select to begin the Set Up Wizard

The Set Up Wizard will help you to:

- ◆ Connect to the LS1-R monitor with Bluetooth
- ◆ Check your 4G coverage
- ◆ Mount your monitor
- ◆ Measure and enter the offset
- ◆ Verify your first measurements
- ◆ Name your LS1-R monitor

For the best results your monitor should be installed at least **300mm** above the highest water level.

Environmental monitor measurement ranges:

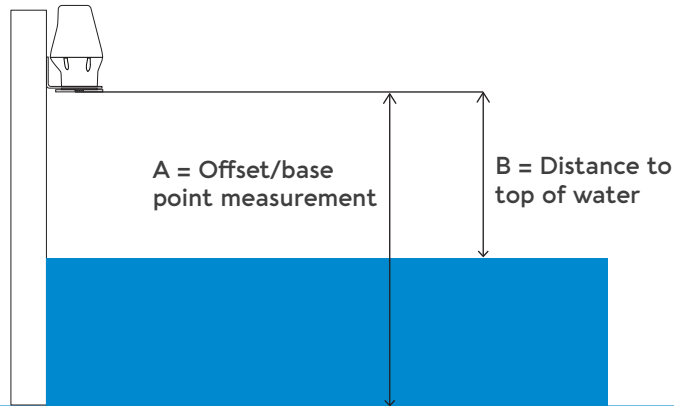
LS1-R *smallest .3m - maximum 7m*

LS1R-12 *smallest .5m - maximum 12m*

Offset

The offset is the measurement between the sensor and the base point. The base point could be the bottom of a stream, trough or even at sea level depending on what you are measuring.

The sensor can then calculate the real water level (A-B) rather than the distance between the sensor and the top of the water.



Tips for successful installation

The sensor measures the distance to the water by bouncing signals off the water surface and back to the sensor.

If the signal hits objects like rocks and grass or the sensor is on an angle, it can send incorrect measurements.

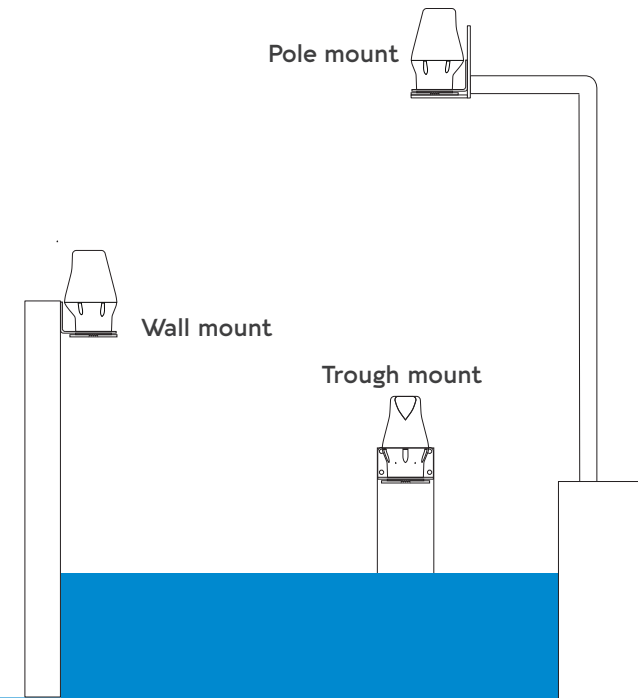
- ◆ Check that there is nothing under the sensor like rocks, grass or concrete.
- ◆ The sensor should be as level as possible with no more than a three degree angle.
- ◆ Before fixing to a structure with screws ensure that the structure is firm and will not move.

For the best results your monitor should be installed at least 300mm above the highest water level.

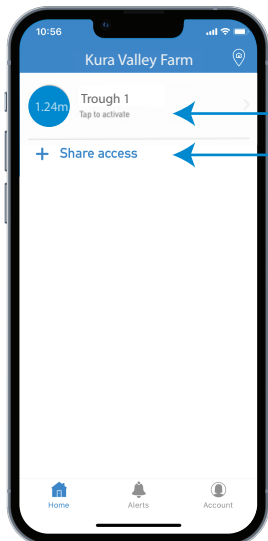
Measurement ranges:

LS1-R smallest .3m - maximum 7m

LS1R-12 smallest .5m - maximum 12m

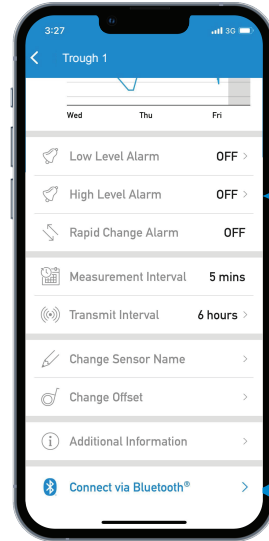


Quick App Guide



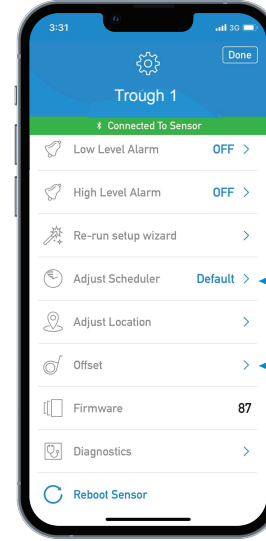
Select to view your water levels and settings

Click to invite others to view your water levels.



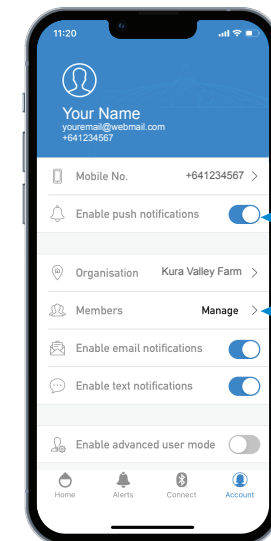
Change alarms remotely

Connect to your LS1-R monitor via Bluetooth



Adjust your scheduled updates

Change offset



Turn on to receive pop up alerts on your phone

Select to view & change member permissions

Connect to your LS1-R monitor via Bluetooth to access this screen