

NextG uSee Remote Monitoring Tank Sensor Quick Start Guide

UNIT INCLUDES

Your uSee Remote Monitoring Tank Sensor includes the following parts.

- 1 x NextG uSee Remote Monitoring Tank Sensor with self emptying Rain Gauge and Antenna
- 1 x Solar Panel (or other power supply)
- 1 x 50mm/2" Mounting Clamp
- 1 x Spiral Cable Wrap

TANK SENSOR INSTALLATION

The Tank Sensor works by measuring the distance from the Sensor to the top of the water every hour on the hour and needs to be calibrated after it's installed.

As every Tank is different, please follow these guidelines to ensure your Tank Sensor operates correctly:

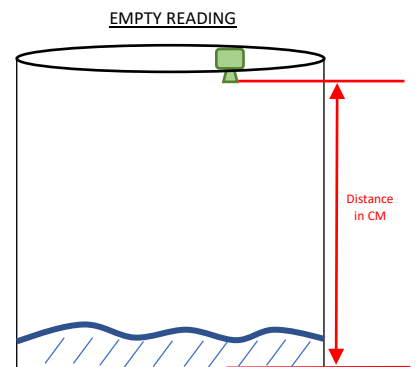
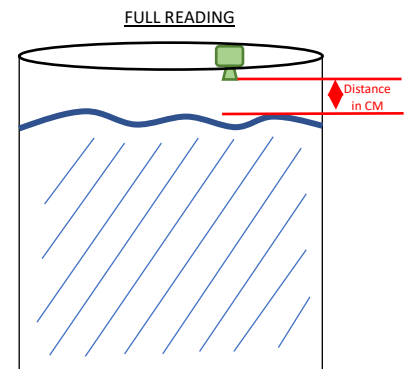
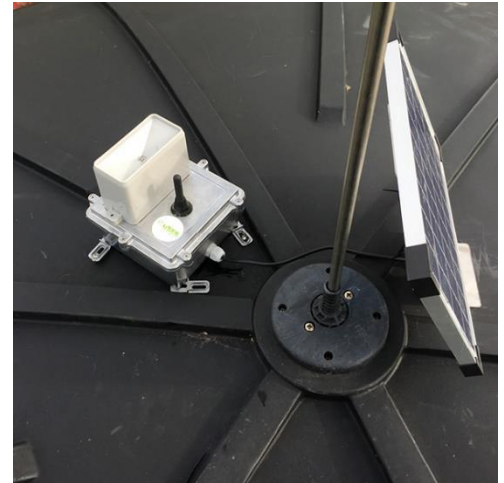
- Make sure you have mobile reception.
- Mount the Solar Panel facing North so it can receive ideally 6 hours of direct sun.
- Make sure the Tank Sensor is level so it can get an accurate reading.
- The water level must be a minimum of 30cm away from the Sensor (the cone) to receive a correct reading.
- Turbulent water and excessive condensation can cause occasional erratic readings e.g. don't place unit next to inlets.

Installation:

For mounting the Solar Panel, we recommend fixing it to the top of the tank by screwing it in (see picture) or mounting it to 2" pipe. Once you have decided how to mount the Solar Panel, you will need the following tools to install your Tank Sensor.

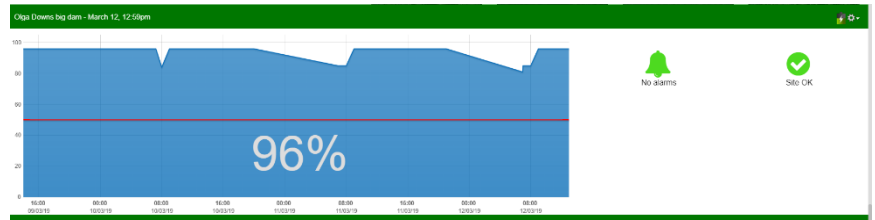
- Hole Saw (approximately 45mm)
- Measuring Tape
- 12mm Spanner for Mounting Clamp
- Cable ties, heavy-duty tape and silicon (recommended)

1. Mount the Solar Panel by either screwing it into the top of the Tank using a Screw Gun and 2 x large screws OR by mounting it beside the Tank on 2" pipe using the 2" clamp.
2. Drill a hole in the top of your Tank (in a spot suggested by the guidelines) for the Sensor to be placed into.
3. Take the following measurements which will be used to calibrate your Tank Sensor:
 - a. Measurement 1 FULL - Distance from the bottom of the Sensor (taking in account when its placed into the hole) to the top of the Water when the Tank is considered full: _____CM
 - b. Measurement 2 EMPTY - Distance from the bottom of the Sensor (taking in account when its placed into the hole) to the bottom of the Tank to when the Tank is considered empty: _____CM
4. Place the Tank Sensor into the hole. We recommend placing a small dab of silicone under the Sensor to ensure the unit is secure.
5. To turn the Tanks Sensor on, plug the Tank Sensor cable into the Solar Panel.
6. Cover all cables with the spiral wrap.
7. Tidy up any loose cables with cable ties/tape and ensure that everything is secure. If using cable ties, we recommend not trimming them as this will help discourage birds from landing and chewing the cables.
8. To calibrate the Tank Sensor log onto your uSee Dashboard using the website or app and activate your unit.



USEE DASHBOARD

You can access your uSee Dashboard via www.usee.com.au or by downloading the app onto your IOS or Android mobile device. Create your account by clicking on "Get Started", enter your details and click "Register".



Activate your Site:

- Web browser on a computer – click "Your Name", "Activate Site" and enter the activation code.
- App on mobile device – tap "Settings", "Activate" and then scan the QR Code.

Get Daily Email with notifications about your site/s:

- Web browser on a computer - click "Your Name" and then "Notification Contacts".

Set up Tank level notifications and alarms:

- Web browser on a computer – hover over the "Settings" cog, click "Notifications", click "Add Alarm" for low or high and enter in the water level %, message, contact type and time and click "Create Notification".



CALIBRATE TANK SENSOR

Once you have installed your Tank Sensor and set up your uSee Dashboard you will need to calibrate the Tanks Sensor and use the measurements you recorded when you were installing the unit.

1. Log into your uSee Dashboard, find the site you need to calibrate, click on "Settings" cog and then "Calibrate Tank"
2. Enter in the measurements and click "Change Calibration". You can update the measurements at any time if need be.

CREDIT

Your sites data usage is pre-paid and requires credit to be applied. Your credit will allow the Tank Sensor to read measurements every hour on the hour. *Your site comes with 1 month's free credit upon activation.* You will receive an email and notification when you login to your dashboard letting you know when your site is about to run out of credit. Once a site runs out of credit it will deactivate and won't record any. To add credit:

- Web browser on a computer - click "Your Name", "Prepaid Site Credit" and "Add Credit" onto the site you want to add credit to.

MAINTENANCE

To ensure your unit is working to its full capacity please perform the following maintenance regularly.

- Clean the Solar Panel so the battery can fully charge.
- Inspect all cables for any possible damage or chew marks from birds.
- Ensure the unit and mount are secure and won't move in any unpredictable weather.
- Check your Site Information regularly on the uSee Dashboard to make sure the Battery, Solar Panel and Signal are adequate.

WARRANTY

All our uSee units are covered by a return to base, 12-month warranty. Our warranty only covers manufacturing faults and not wear and tear or any damage caused to the unit. We are unable to offer any warranty on the unit's battery if the recommended maintenance is not performed.

BATTERY

The battery in your uSee unit has a limited life due to their exposure to the outside elements. They will need to be replaced once every 12 months to endure your unit performs correctly.

NextG uSee Remote Monitoring Tank Sensor Battery: 6v, 1.3Ah Sealed Lead-Acid Battery

SUPPORT

Please don't hesitate to contact us if you need any help with your unit, have any questions or queries. You can contact us:

Phone: 1300 485 629, Monday to Friday, 8:30am – 5:00pm, Saturday 9:00am – 12:00pm

Email: support@harringtonsystems.com.au

Website: www.harringtonsystems.com.au and www.usee.com.au

Address: Harrington Systems Electronics, 623 Olga Downs Rd, Richmond, 4822