



\$299 +Plan

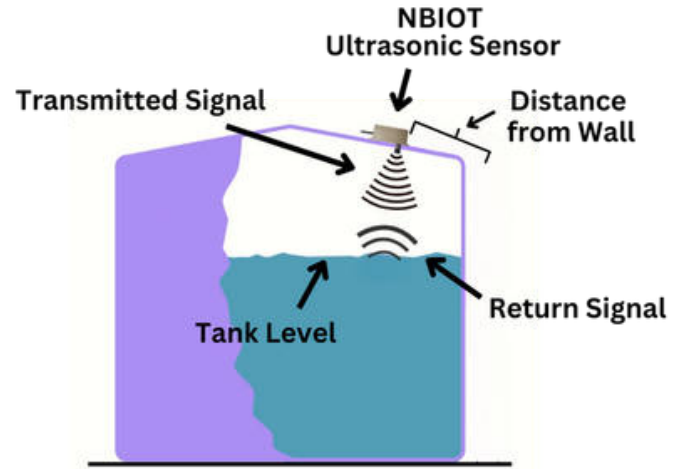
Ultrasonic Tank Level Sensor

Tank Sensor Information

- Sensors are connected to the **NB-IOT network**
- Uses **ultrasonic** waves to accurately measure the distance between the device and the liquid
- Detection range 250mm - 7500mm
- Battery life is between 2+ yrs
- Sensor measurements are taken every **60 minutes**
 - More frequent readings can be requested
- IP65 & IP66 Waterproof Enclosures

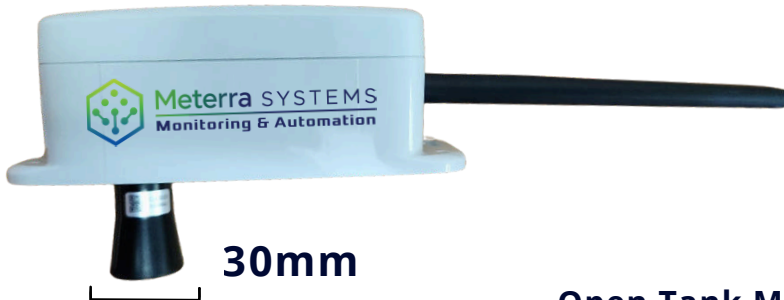
Simple Installation

- Attach antenna to device, hand tight
- **Your Device might be in sleep mode. Open the cover and press the button on the black box for 5 seconds. Wait till it goes green & then flashes (this is a reset). Then screw in all 4 screws for the cover securely.**
- Create a hole in the tank for the black sensor cone
 - Drill bit of 30mm recommended
 - 2 - 4 screws to secure sensor on tank
- Custom brackets may be required for open or unique tanks
- For best results, position the sensor **250mm above** the tanks max liquid level.
- Max roof angle can is 40 degrees.
- Do Not install on the very centre of a Poly Tank roof if FLAT.



Minimum Distance Sensor to be placed from wall according to tank height

Tank Height	Minimum Distance from Wall
1m	40cm
1.5m	55cm
2m	70cm
2.5m	80cm
3m	115cm
3.5m	130cm
4m	145cm
5m	185cm



Open Tank Mounting

Beam Across Tank



Custom Bracket



Connect to your device & start monitoring

- Access the dashboard here:
 - Desktop: iot.innovateiot.net.au
 - Mobile: **Scan the QRCode to download the app**
- Visit our website for video setup guides - innovateiot.net.au
- The dashboard can contain multiple sensors for easy management
- Add multiple users, for your team to access tank information
- See historical data



Troubleshooting - Odd Readings

- Check device for damage
- Check sensor cone for bugs and spiders blocking ultrasonic wave
 - Remove bugs or other debris
- Check sensor cone for water droplets built up from tank condensation
 - Make 30mm - 50mm hole next to sensor to allow for humidity to leave tank next to sensor



Troubleshooting - No Data

- Ensure antenna is on firmly & not damaged
- Check battery voltage on last reading. needs to be above - 2.9V
- Conduct a manual reset

Manual Reset Steps

- Open outer box lid
- Press and hold button for five (5) seconds
- The light below will flash 3 times
- Flashing will occur again approx. 30 & 60 seconds later
- Within 2 – 15min data should be visible on dashboard
- Repeat again after 15min if no new data



Contact us for any questions & support.

Warranty Policy

Effective Date: January 2025. Warranty Period: 2 Years

1. General Warranty Coverage - Meterra Systems Company ("we", "us", "our") warrants that our IoT products will be free from defects in materials and workmanship under normal use for a period of two (2) years from the date of purchase ("Warranty Period"). If a product proves to be defective during the Warranty Period, we will, at our discretion, either:

- Repair the product using new or refurbished parts,
- Replace the product with a new or refurbished product, or
- Refund the purchase price of the product.

2. Battery Warranty Coverage - The battery included with your IoT product is covered under this warranty for the same Warranty Period of two (2) years for the majority of devices. See individual product guides for specific battery periods. Battery life depends on data frequency. If the battery fails to hold a charge or exhibits defects in materials or workmanship during the Warranty Period, we will, at our discretion:

- Replace the battery with a new or refurbished battery.

3. Warranty Exclusions - This warranty does not cover:

- Damage caused by accidents, misuse, abuse, or improper installation.
- Damage due to unauthorized repairs, modifications, or disassembly.
- Cosmetic damage, including but not limited to scratches, dents, and broken plastic.
- Damage due to external causes such as fire, flood, or other acts of God.
- Normal wear and tear.

4. How to Obtain Warranty Service - To obtain warranty service, you must:

1. Contact our Customer Support for documentation for submission.
2. Provide proof of purchase (e.g., receipt or invoice).
3. Return the product, including all original parts and accessories, to the address provided by Customer Support.

5. Limitation of Liability - Our liability is limited to the repair, replacement, or refund of the product. We are not responsible for any direct, indirect, incidental, or consequential damages arising from the use or inability to use the product, even if we have been advised of the possibility of such damages.

6. Governing Law - This warranty shall be governed by and construed in accordance with Australian consumer law.

7. Changes to Warranty Policy - We reserve the right to change the terms of this warranty at any time without prior notice. However, any changes to the warranty will not be retroactively applied to products purchased prior to the change.

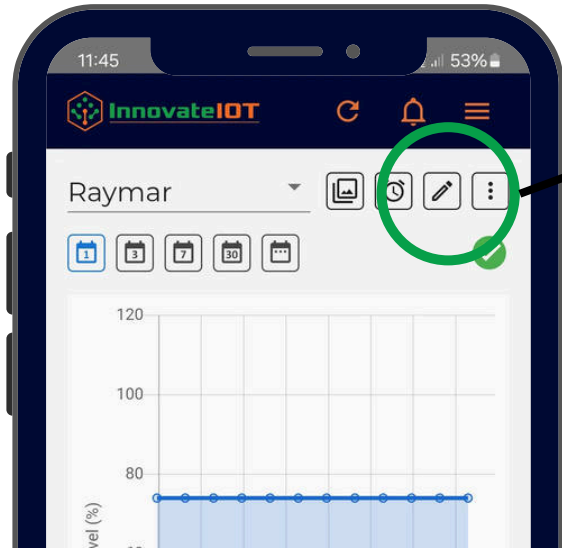




Remote Farm Monitoring

Tank Sensor Setup

Step by step tank sensor setup guide



When in the device you would like to edit. Press the 'Pencil' Icon.

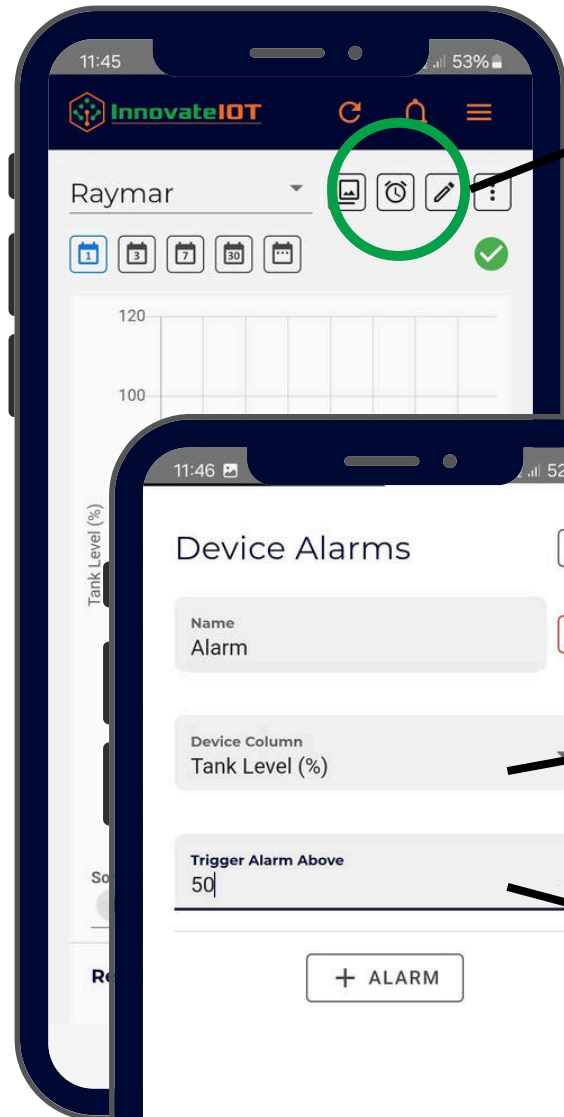
Enter the distance the sensor is from the top of the max liquid level.

Enter the tanks volume

Enter the tanks height at the max liquid level. This is commonly the over flow height.

For non-water tanks. The specific gravity of your liquids can be changed here.

Add an alarm to your tank sensor



When in the device you would like to edit. Press the 'Pencil' Icon.

Select the type of alarm

- Above or below
 - Tank Level %
 - Tank Volumes
- Redid Increase or Decrease

Enter the level % to trigger alarm

Make sure you have notifications on in your phone for the InnovateIoT app to receive notifications



Contact us for any questions & support.



Save Time
on checking assets



Save Money
on travel & labour



Stress Less
with instant data