waterwatch
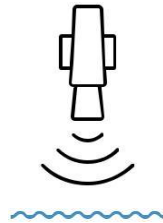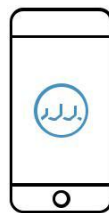
T35 REMOTE TANK LEVEL SENSOR

T35 SYSTEM

TANK LEVEL SENSOR

Continuously monitor tank levels with pinpoint accuracy. The T35 is designed to easily mount on plastic based tanks. Quick to install with four self taping screws there is no need to cut holes in the tank. The T35's highly directional radar based sensor penetrates the tank surface to measure liquid levels within.

CONNECTED ALERTS

Set level thresholds and rest easy knowing alarm notifications will inform you if levels rise too high or drop too low.

DATA COLLECTION

Valuable information is recorded allowing informed decisions to eliminate potential issues and unnecessary costs in the future.

T35 BASIC SPECIFICATIONS

0.5% ACCURACY

3.5m range

LONG LIFE BATTERY

10+ years

WATERPROOF

IP67 waterproof enclosure

DESKTOP/MOBILE

IOS/Android

LIVE DATA

data visualisation
CSV export

ALERTS

create thresholds
app/email alerts

WIRELESS

SIGFOX
LTE Cat M1/
NB-IOT

CLOUD BASED

device management
access control
secure APIs

T35 TECHNICAL INFORMATION

RADIO SPECIFICATIONS

Bluetooth Low Energy	2.4-2.483 GHz
SIGFOX region	920-923MHz
NB-IoT/M1	700MHz, 2100MHz

ENVIRONMENT

Protection	IP67
Operating Temperature	-20° C to + 60° C
Recommended Storage Temperature	15° C to + 25° C

POWER

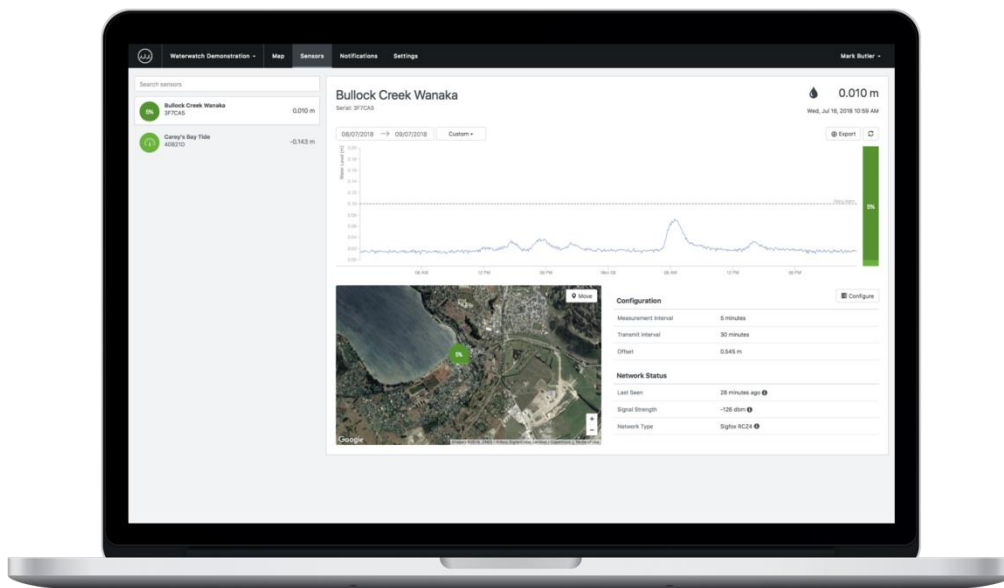Battery Life 10+ years
3.6V Lithium Battery

SENSOR PARAMETERS

Sensing Technology	60GHz Radar
Measurement Range	3.5m
Measurement Accuracy	0.5%

RADIO OUTPUT POWER

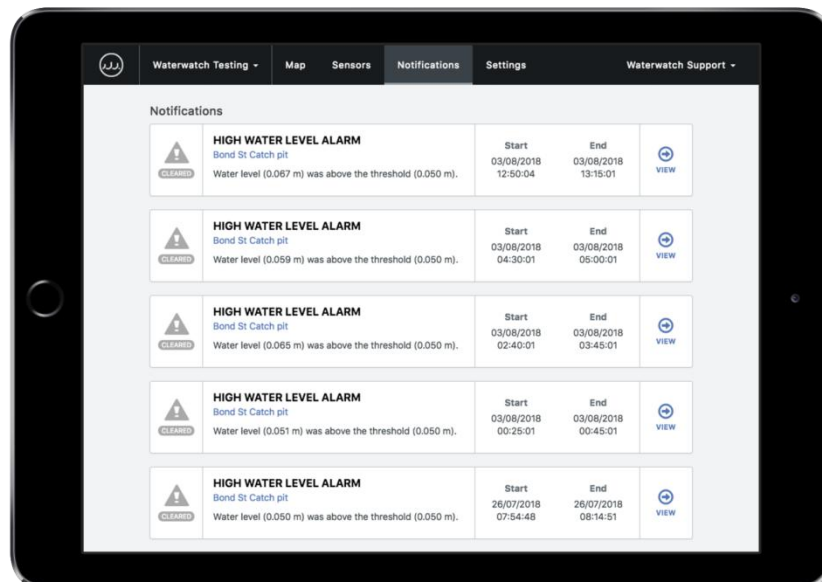|	
Sigfox/NB-IoT/Cat M	<24dB
Bluetooth	0dB

WATERWATCH LIVE

DATA DASHBOARD

Waterwatch Live is the dashboard and cloud service used to collect field data. The dashboard and sensors can be configured for a large number of water based applications. Providing data and notifications to selected users.
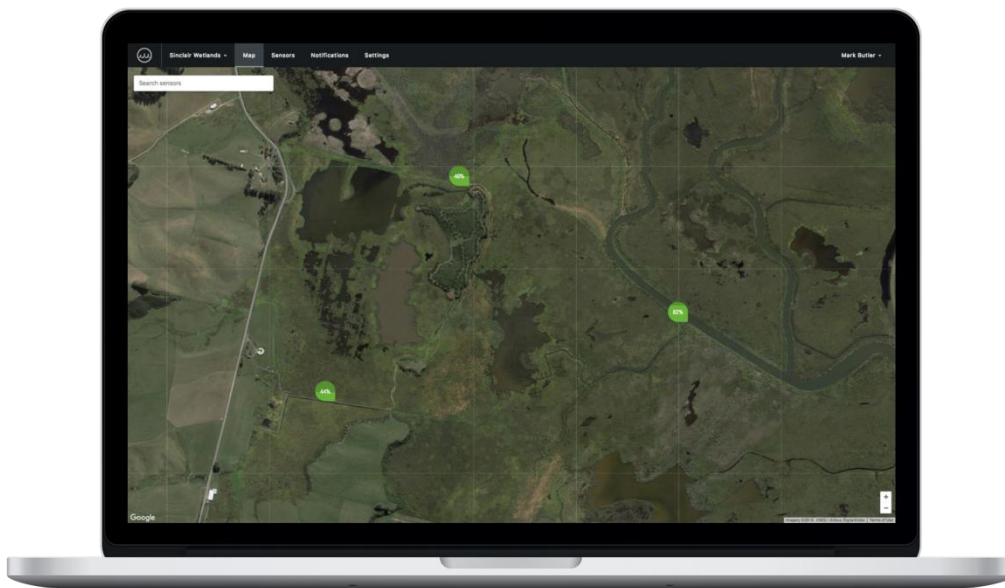

THRESHOLD DETECTION

Alarms can be configured for threshold detection, triggering quick responses that can be defined by the project administrator.
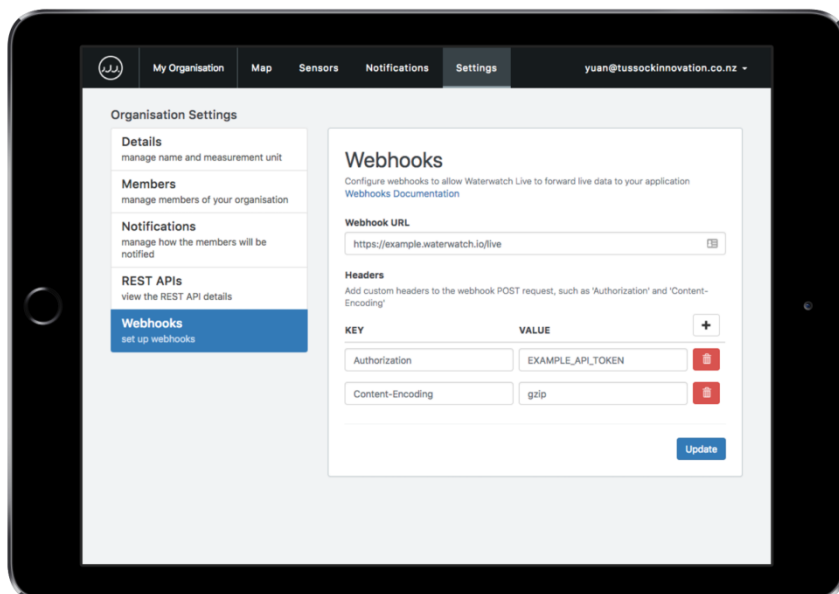
WATERWATCH LIVE

SPACIAL INFORMATION

The Waterwatch Live dashboard also features spacial information for each of the field sensors. It is possible to relocate the sensor position via both the web dashboard and the mobile application.

API AND THIRD PARTY INTEGRATION

Collect or analyse data into third party systems using our authenticated Webhook and API integrations.

PHYSICAL CHARACTERISTICS

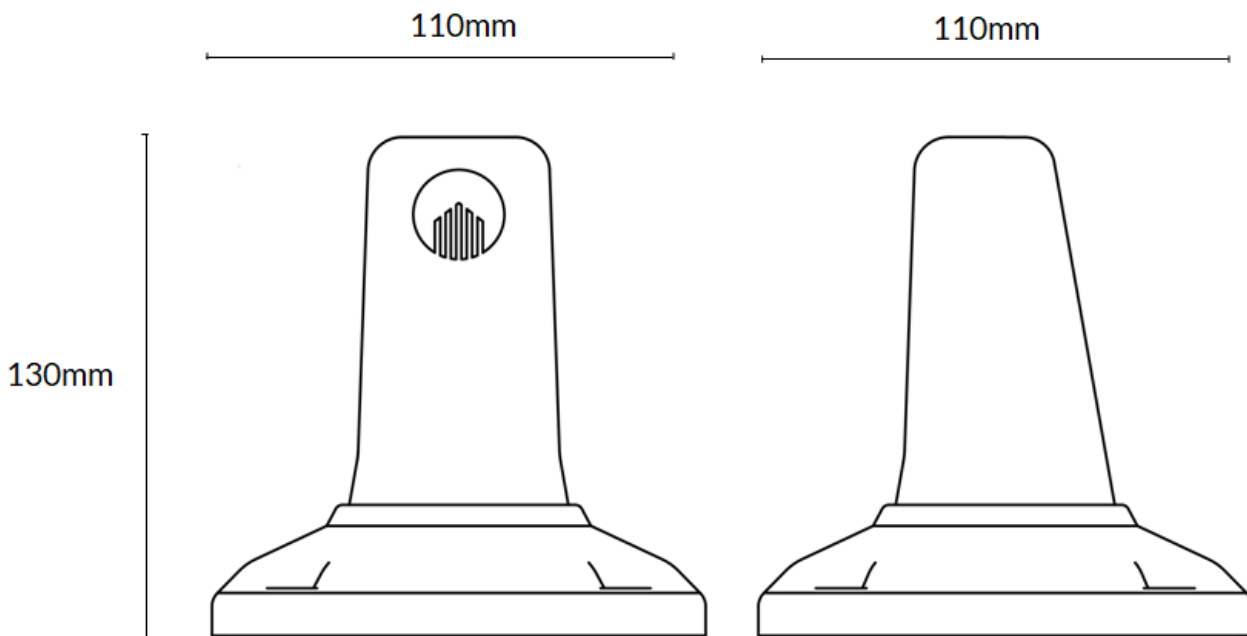|	
Overall Dimensions	130x110x90mm
Weight	240g
Enclosure Material	Polycarbonate + PBT
Mounting	M4 Screw hole

PART NUMBER DESCRIPTOR

T35-RCZ4	
Model [T35]	Tank Level Sensor
LPWAN Radio and Region [RCZ4]	Sigfox Region 4

AVAILABLE PART VARIANTS

T35-RCZ4	(Sigfox Region 4)
T35-CEL	(LTE NB-IoT/M Bands 3/28)