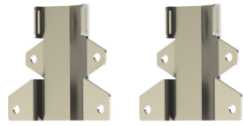# ORB Quick Start Guide

1. What is in the Box?

Mounting brackets

Gland inserts

ORB   Allen key   Bracket mounting screws

2. Open the ORB

Using the 3mm Allen key provided, loosen the 6 cover screws ensuring that all 6 screws have ejected before opening.
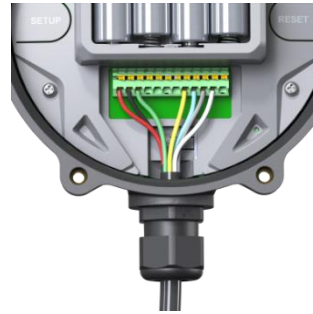
3. Insert SIM Card

If using 4G LTE, insert a SIM card carefully, noting the orientation.

After completing step 4, wait 5 minutes. If your SIM has Auto APN enabled, it will connect and you can skip steps 5-7.
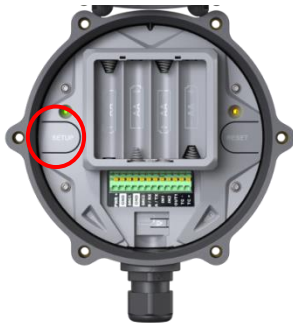
4. Apply Power

Apply power to pin 1 and ground to pin 2 of the header or insert 4 x AA batteries. The green light will go on and orange light will flash.

5. Enter Setup Mode

Press the *setup* button to enter setup mode and activate the ORB webserver. The green light will flash.

6. Connect to the Webserver

SENQUIP
PN: ORB-X1-W
ORB ID: 932040088
WIFI SSID: ORB0088
SETUP IP: 192.168.4.1

REMOVE THIS SECTION AND STORE SECURELY
PN: ORB-X1-W
ORB ID: 932040088
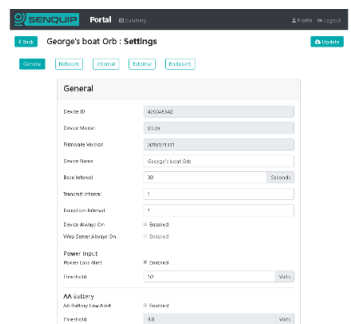SETUP PW: A2231AAC3
WIFI SSID: ORB0088
WIFI PW: 522AC3

Use a phone or tablet to connect to the ORB Wi-Fi using the SSID and Wi-Fi password located under the lid.

Using a web-browser, go to 192.168.4.1. Enter username "admin" and the ORB setup password to access the ORB webserver.
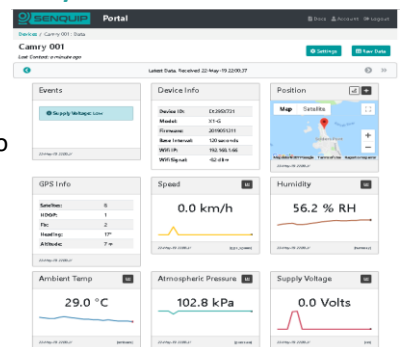
7. Configure the ORB

Configure Wi-Fi or 4G LTE connectivity using the Network tab. Save settings. If using 4G LTE, set the correct APN for your SIM.
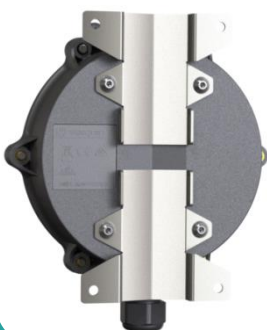
Close the lid to exit setup mode.

8. Access your Data

Create an account on the [Senquip Portal](#) to manage devices, view data, write scripts, and update firmware.

9. Mounting the ORB

The ORB ships with pole and wall mount bracket options. Rotate the brackets by 180 degrees to switch between pole and wall mount. To panel mount, remove the brackets and screw directly into the ORB mount points.

10. LED Status Guide

STATUS 🟢	NETWORK 🟠	Meaning
Off	Off	Device is sleeping
Flash (1Hz)	Off	Setup Mode
On	Flash (1Hz)	No internet connection
On	On	Internet connection
Fast Flash	Fast Flash	Factory Reset
Off	Fast Flash	Firmware Update
Slow Flash	Off	Pre-charge mode

USE OF PRODUCTS

You agree, represent, warrant and undertake to Senquip Pty Ltd (Senquip) that prior to ordering the product supplied by Senquip pursuant to this agreement, you obtained all relevant information relating to the product ordered; ensured that information was current; assessed the product, and ensured that it is fit for the purpose for which it is intended to be used.

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LIMITED LIABILITY

Senquip will not be held liable for the failure of others:

a. Senquip will attempt to ensure you receive GNSS, satellite, GSM and WiFi communication with third-party devices/systems, Internet, AWS, and/or other related services if required, however these services are not controlled by Senquip.

b. Senquip is not liable for any loss, damage or liability associated with the loss, interruption or lack of GNSS, GSM, Wi-Fi coverage, Internet, connectivity to AWS, connectivity to a third-party system or device and/or other related services.

c. Sensor failure or incompatibility.

FORCE MAJEURE:

Senquip is not liable for any loss, damage or liability associated with:

a. the acts of Government;

b. atmospheric and heliospheric events;

c. military actions, including war and terrorism;

d. floods, storms, earthquakes or other natural occurrences; or,

e. late deliveries due to the courier / postal networks;

f. epidemics and pandemics;

g. events beyond the control of Senquip.

WARRANTY AGAINST DEFECTS POLICY & PROCEDURES

Senquip warrants the goods against defects in factory workmanship and materials within the warranty period.

The warranty period for products shall be 12 months from the date of invoice. The warranty period for repaired items shall be 90 days from the date of invoice.

The customer must notify the point of purchase / distributor of any defect coming within the provisions of this warranty, within 30 days of the fault occurring. A copy of the relevant invoice or the relevant invoice number as proof of the date of purchase must be provided with returned goods. Senquip is not liable for any loss or damage you suffer or liability you incur arising out of the use of any Senquip products. Senquip Pty Ltd liability is limited to:

a. repair of a defective product; or

b. if a product supplied by Senquip cannot be repaired, Senquip will replace a defective product with the same product.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

To and where Australian Law permits, products / goods determined by Senquip to have been abused, misused, altered, neglected, lost, or damaged in shipment are not covered by the warranty.

Subject to Australian Consumer Legislation taking precedence, the warranty will be null and void in the following circumstances and all expenses incurred are the responsibility of the purchaser:

a. The goods / products have been opened by a third party.

b. The goods / products have been contaminated by oil, water, grease, acid, subject to impact, fitted in excessive vibration environments or corrosive environments or improperly connected.

c. The goods / products have been tampered with or an attempt to repair it has been made by any company or individual.

For further information please contact Senquip at admin@senquip.com.

Part Name: Senquip ORB, Part Number: ORB-C1

FCC ID: 2BCCIORBC1A

This device complies with part 15 of the FCC Rules. 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.