



Wintersense

An IoT Solution for
RWIS Network Densification




1. Get started

1. Enter user.wintersense.com into a web browser.
2. Click **Log In**.
3. Click the **Sign Up** tab to set up an account. Enter your email address and create a password. Click **SIGN UP >**.
4. Click **LOG IN >**.

2. Create a network


1. The home screen shows a list of options under **What would you like to do?** Click **Create a new Network**.
2. Enter the **Name** of the Network to add.
3. Click **Add**.
4. The new network will appear at the bottom of the page. Click the network name to expand for more details.

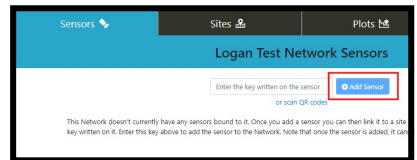
3. Add sites

1. Once in the network, click the **Sites**  link or go to the **Sites** tab at the top of the page.
2. The first time to this page will automatically present **Add a new site**.
3. Enter the name of the site.

4. Input the location of the site. Either click **Use Current Location**, enter the **Latitude** and **Longitude**, or adjust the cursor on the map to the precise location.
5. Click **Add**.
6. Repeat the process to add as many sites as required.

4. Add sensors

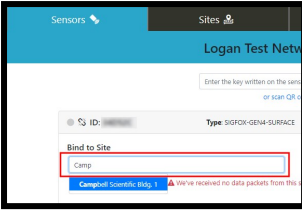
1. Go to the **Sensors**  tab.
2. Enter the case-sensitive key written on the sensor or scan the QR code on the unit.
3. Click **Add Sensor**.



5. Bind (link) sensors to sites

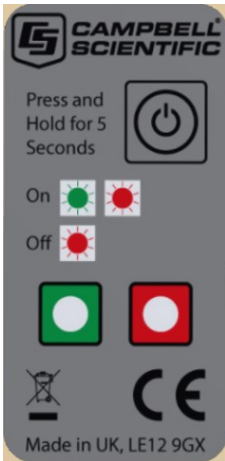
1. Expand the sensor.
2. In the **Bind to Site** field, start typing the name of the site to bind the sensor to.

3. Select the site from the drop-down menu.



6. Activate sensor

1. Press and hold the **Power** button on the underside of the sensor for 5 seconds, until the red and green LEDs flash.



7. End-to-end data test

To perform a manual data test: Press and hold the **Power** button for 1 second.

When a measurement has been successfully triggered, a solid green LED (approximately 3 seconds) will be followed by a flashing green LED for

several more seconds. If the site has network coverage, and the sensor and software platform are configured correctly, data should appear in the software within 30 seconds.

8. Installation angle

The recommended installation angle of a Wintersense sensor is 0 to 45° (from vertical). The following figure shows it at 45° from vertical.




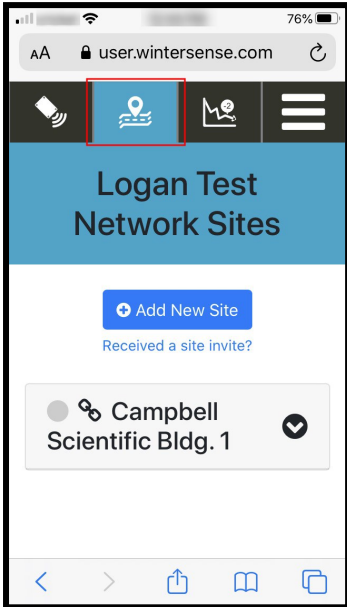
To adjust the sensor angle, slightly loosen both bolts in the bracket to allow rotation of the sensor around the bolt that is fitted in the round hole towards the front of the sensor. Once at the correct angle, tighten the bolts by hand until the spring washers are fully compressed.

Adjust the angle of the hood antenna so it is as close to vertical as possible.

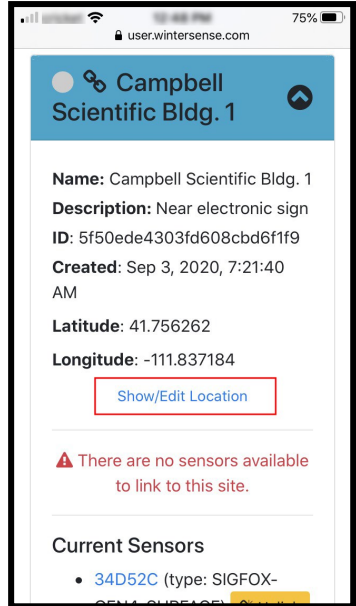
9. Sensor and location check

1. Enter user.wintersense.com into a web browser.
2. Click **Log In**.

3. Enter your email address and password. Click **LOG IN >**.
4. Go to the **Sites**  tab.
5. Select the site where the sensor is to be installed.



6. Click **Show/Edit Location** to confirm the location on the map. Adjust location if required.



7. Confirm that the unique key of the sensor about to be installed matches the key of the sensor linked to this site in the software.
8. Expand the sensor.
9. In the **Bind to Site** field, start typing the name of the site to bind the sensor to.
10. Select the site from the drop-down menu.

