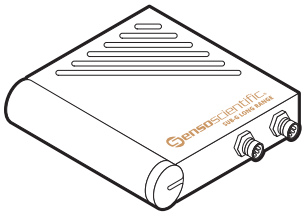
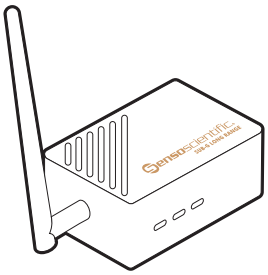
Quick Setup Guide
Sub-1 GHz Series

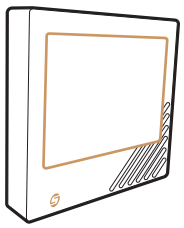
1 Unpack Box Please verify shipped items match what was ordered



Sub-1 GHz Sensor

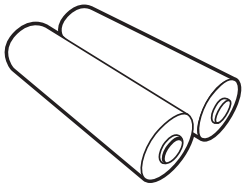


Sub-1 GHz Gateway



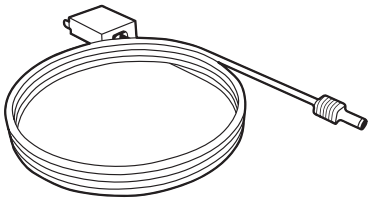
Sub-1 GHz External Screen
(If Purchased)

Probe(s)

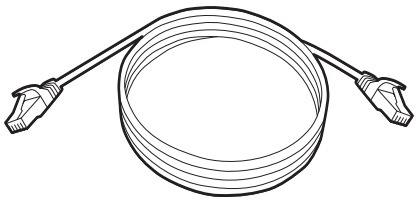


(2) AA 1.5 V Lithium Batteries

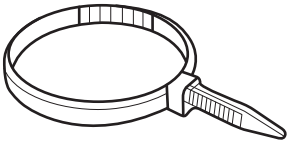
Solid Thermal Buffer
(If Purchased)



USB-C Wall Charger
(If Purchased)

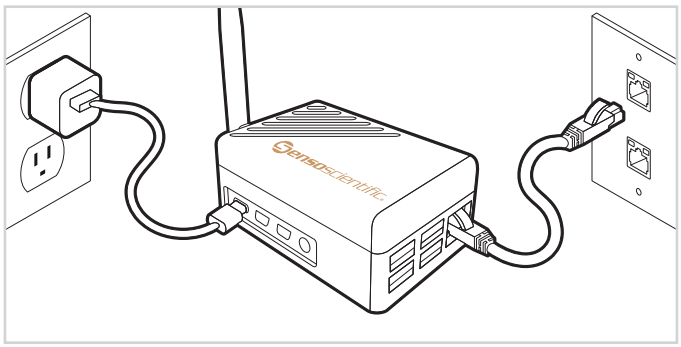


Ethernet Cable



Zip Ties or Mounting Tape

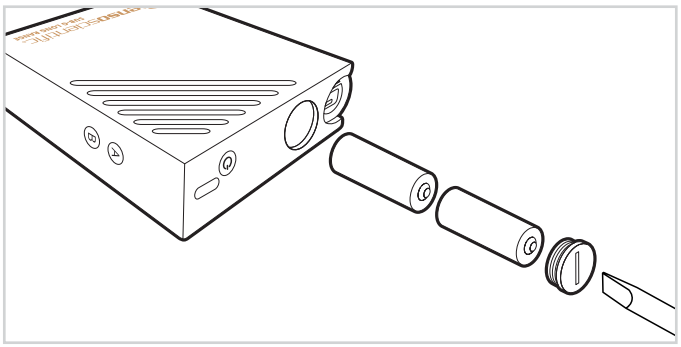
2 Gateway & Sensor Setup



2.1 Plug in Gateway & Connect to Network

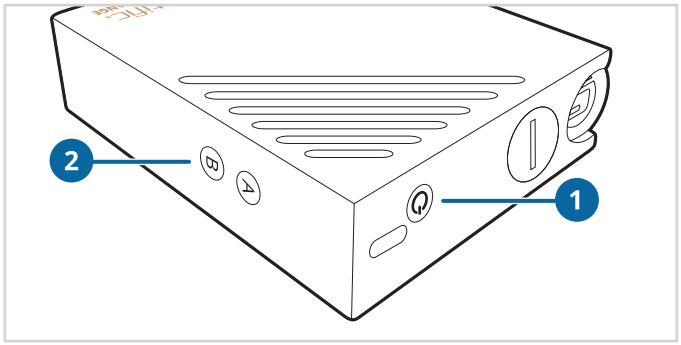
Turn on the gateway by plugging in the USB-C power supply. Insert one end of the ethernet outlet and the other end into the gateway to **connect to the network**.

NOTE: Please contact the Techinical Support team for assistance with firewall settings.



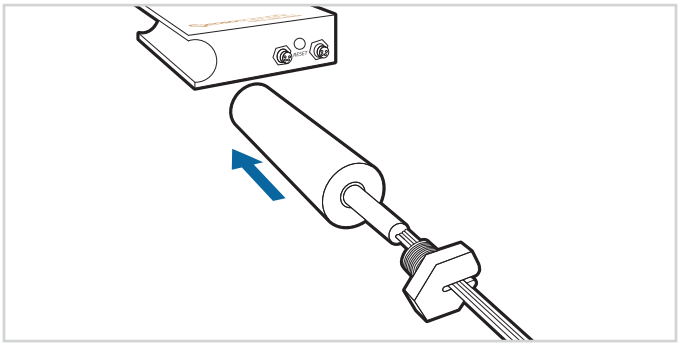
2.2 Change Sensor Batteries

Using the battery key or flathead screwdriver, **open the battery compartment** and insert **2 AA 1.5V lithium batteries**. *(Optional)* A power cord can be connected to preserve battery life if purchased.



2.3 Turn the Sensor On

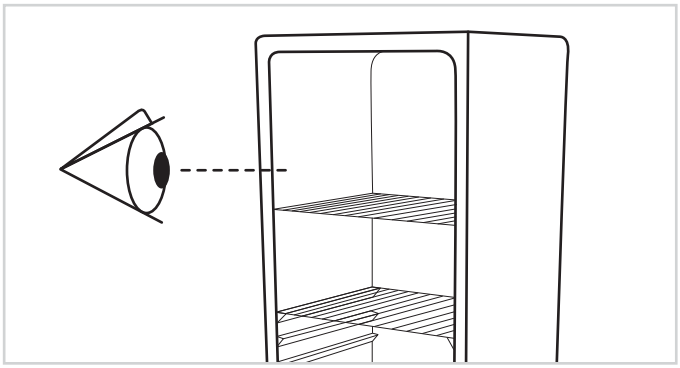
Press the power button then **press the "B" button** on the sensor. A blue light will turn on to confirm the power is on. The sensor will automatically connect to the nearest gateway.

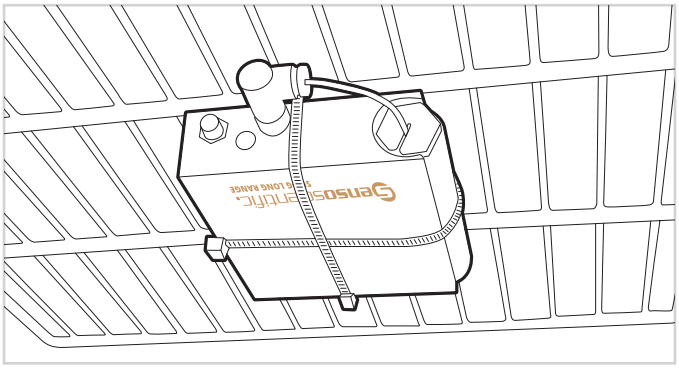


2.4 Connect the Probe

If you purchased the solid thermal buffer, screw the top off the buffer and **place the probe inside**. Slide the probe's wire into the top's opening and screw the top onto the buffer. **Insert the probe & buffer** into the side of the sensor and **connect the M8** to port 1.

3 Install Device to Storage Unit



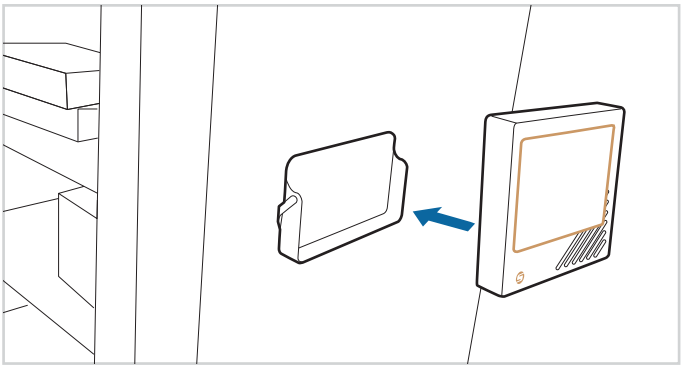


3.1 Select the Optimal Location for the Sensor

Location should be toward the **middle of the chamber** where airflow is most consistent and fluctuations are least prominent.

3.2 Use Zip Ties or Mounting Tape to Secure Senor to Shelp

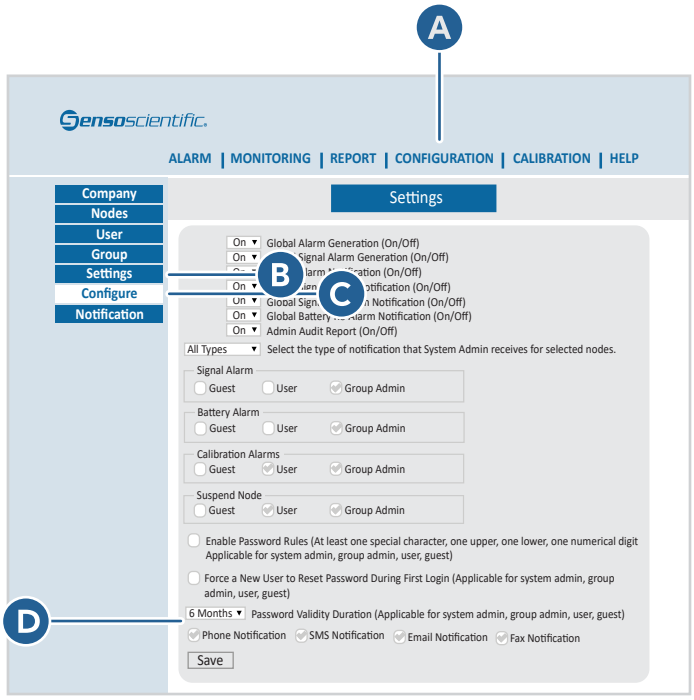
Using **zip ties**, secure the sensor to the underside of the determined shelf. If using **mounting tape**, clean the surface of the determined location then attach the sensor.

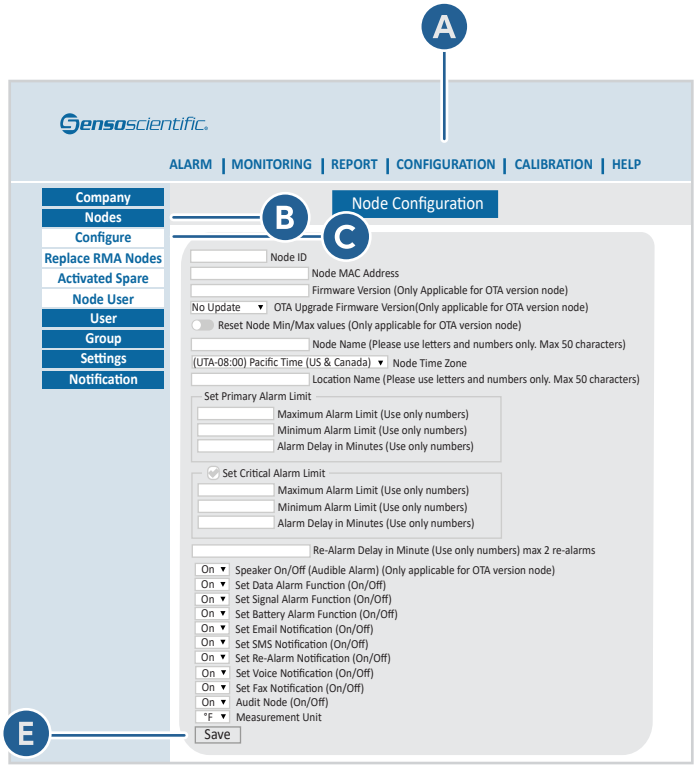


3.3 (If Purchased) Place External Display in Area of High Visibility

Mount the external display to the area of choice using the magnetic backing or tabletop stand.

4 Establish Cloud Settings Log in to your account at: **cloud.sensosubg.com**





4.1 Establish the Global Account Settings

A Select the **"CONFIGURATION" tab** in the main menu.

B Select the **"Settings" tab** in the submenu.

C The submenu will reveal new options. Select the **"Configure" tab**.

D Establish the desired settings and click the **"Save" button** at the bottom of the page.

4.2 Configure the Sensor's Operation Settings

A Select the **"CONFIGURATION" tab** in the main menu.

B Select the **"Devices" tab** in the submenu.

C The submenu will reveal new options. Select the **"Configure" tab**.

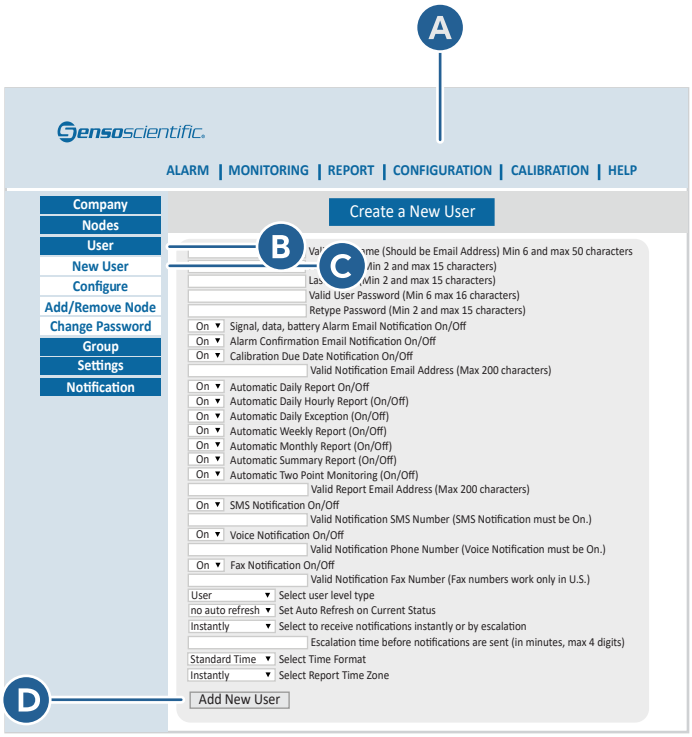
D Click the "Configure" button of the desired node. *(Not Displayed)*

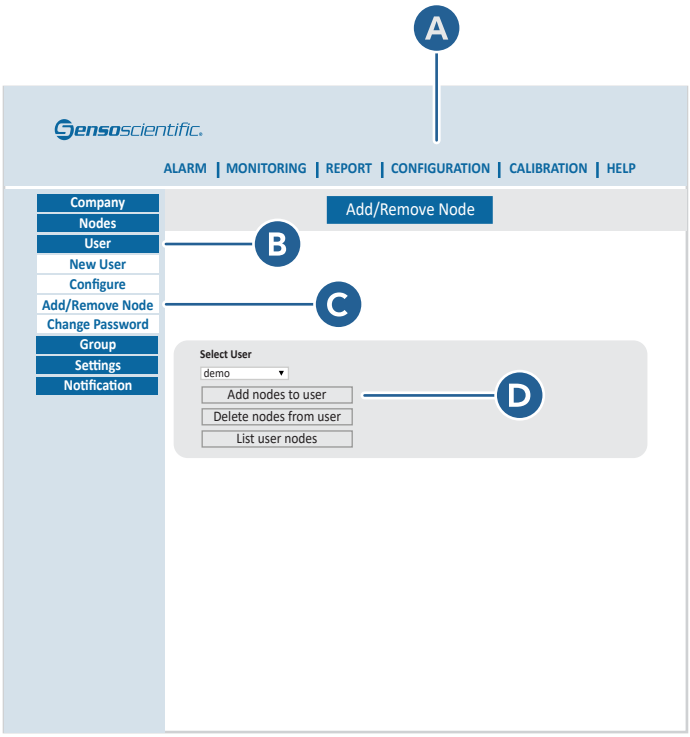
E Establish the desired settings and click the **"Save" button** at the bottom of the page.

NOTE: Refer to section "IV. Node Configuration" in the **Cloud Manual** for more information on field meanings.

HELP > User Guide/Installation Docs > **Cloud User Manual.pdf**

4 Establish Cloud Settings Log in to your account at: **cloud.sensosubg.com**





4.3 Create New User's Personal Profile

A Select the **"CONFIGURATION" tab** in the main menu.

B Select the **"User" tab** in the submenu.

C The submenu will reveal new options. Select the **"New User" tab**.

D Establish the desired settings and click the **"Add New User" button** at the bottom of the page.

NOTE: Refer to section "IV.3 Create/Delete User Accounts" in the **Cloud Manual** for more information on field meanings.

HELP > User Guide/Installation Docs > **Cloud User Manual.pdf**

4.4 Assign Nodes to Users

A Select the **"CONFIGURATION" tab** in the main menu.

B Select the **"User" tab** in the submenu.

C The submenu will reveal new options. Select the **"Add/Remove Node" tab**.

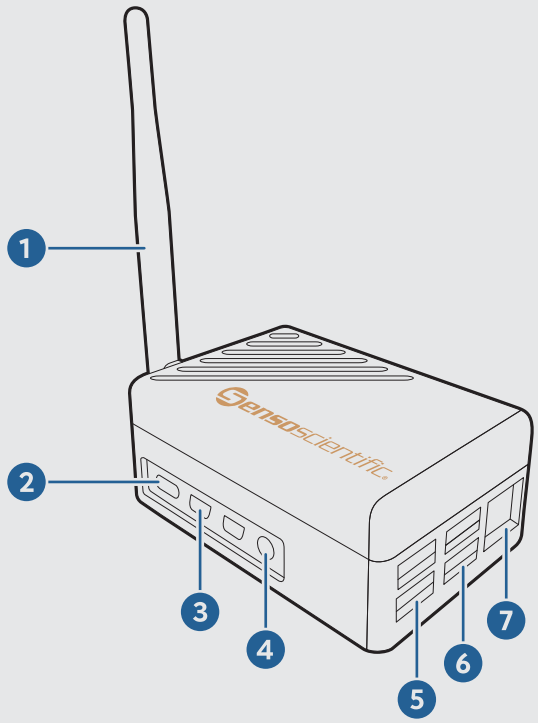
D Select the user you want to assign nodes and click the **"Add Nodes to User" button**.

E Mark the check box in the rightmost column of the desired nodes. Click the **"Add Node" button** to assign the selected Node(s) to the user. *(Not Displayed)*

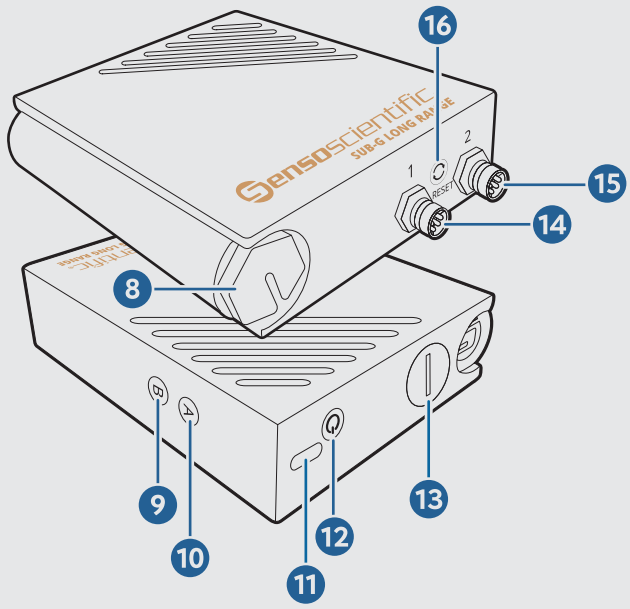
NOTE: Nodes must be assigned to users for them to display on the **"MONITORING" tab**.

System Overview

Gateway



Sensor

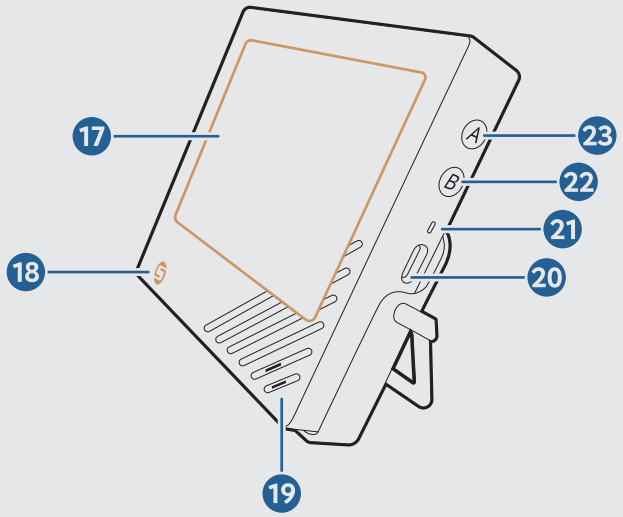


1	Gateway Antenna
2	USB-C Power Adapter Port
3	(2) Micro-USB Ports
4	A/C Port
5	(2) USB Type A Ports
6	(2) USB 3.0 Ports
7	Ethernet Port

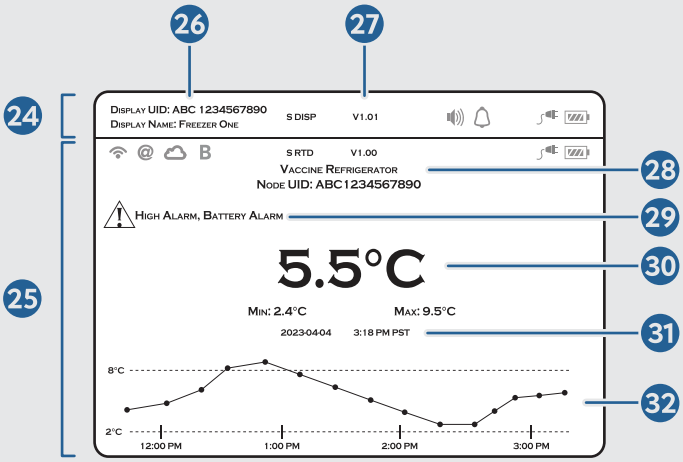
8	Solid Thermal Buffer
9	B Button
10	A Button
11	USB-C Power Adapter Port
12	On/Off Power Button
13	Battery Compartment
14	M8 Port 1
15	M8 Port 2
16	Reset Button

System Overview

External Display



External Display Screen



17	External Display Screen
18	Button
19	Speaker
20	USB-C Power Supply
21	Light Indicator
22	B Button
23	A Button

24	External Display Information
25	Sensor Information
26	External Display Identifiers
27	Firmware Version
	Audible Alarm On / Off
	Alarm Indicator: Assigned sensor is alarmed
	Power Supply: Device is connected to external power
	Battery Level
	Network Connected / Disconnected
	Internet Connected / Disconnected
	Cloud Connected / Disconnected
B	Buffering: Appears when data is uploading to cloud
28	Sensor Identifiers
29	Alarm Indicator: Current sensor is alarmed
30	Current, Min/Max Readings
31	Date & Time of Last Reading
32	24 hr Data Graph

Warning:
Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

NOTE:
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.

FCC Statement:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

The equipment complies with FCC Radiation exposure limit set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.