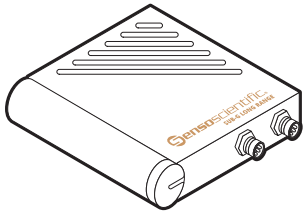


1

Unpack Box

Please verify shipped items match what was ordered



Sub-1 GHz Sensor



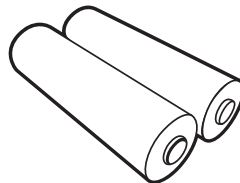
Sub-1 GHz Gateway



Sub-1 GHz External Screen
(If Purchased)



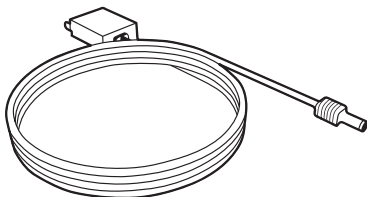
Probe(s)



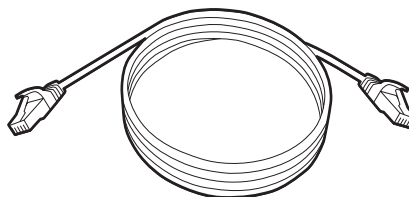
(2) AA 1.5 V Lithium Batteries



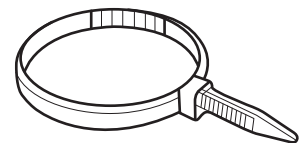
Solid Thermal Buffer
(If Purchased)



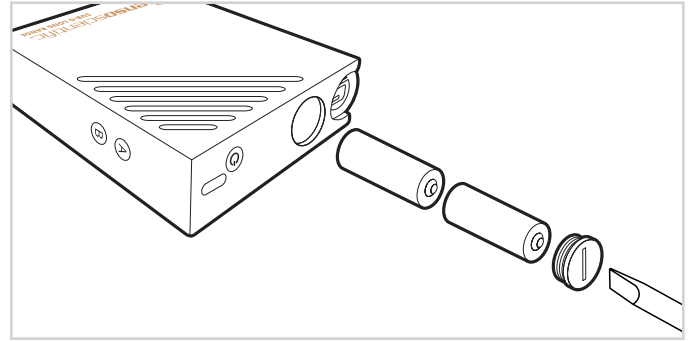
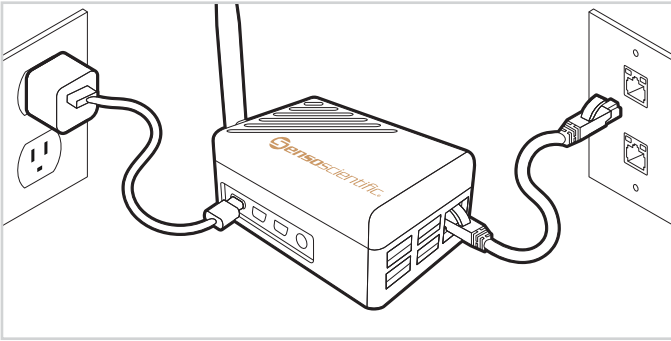
USB-C Wall Charger
(If Purchased)



Ethernet Cable



Zip Ties or Mounting Tape



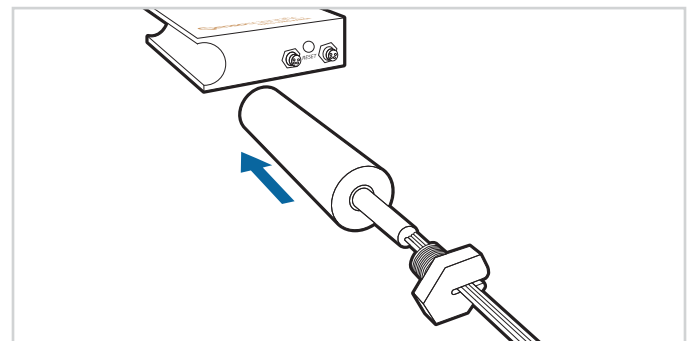
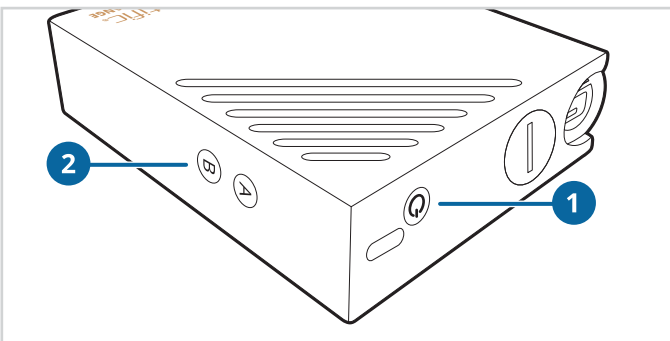
2.1 Plug in Gateway & Connect to Network

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 Technical 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

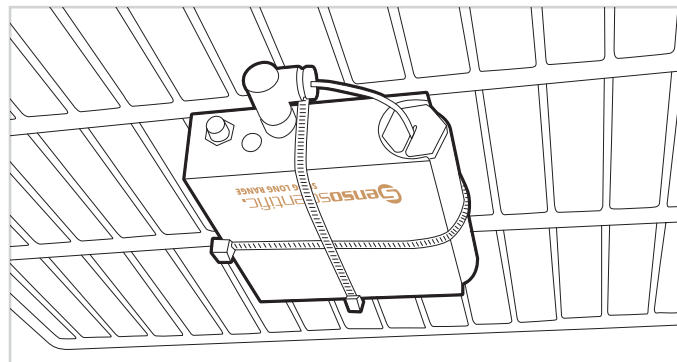
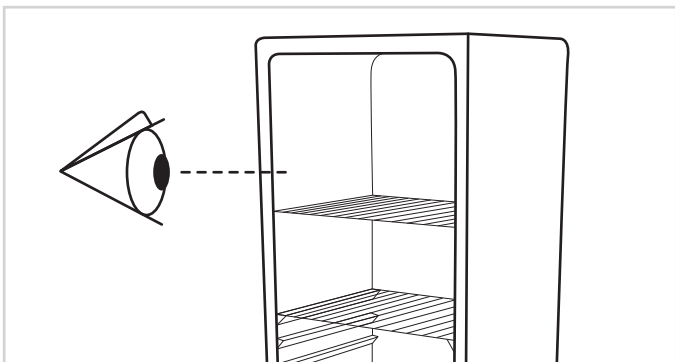
Press the power button then **press the "B" button** on the sensor. A blue light will turn on to confirm the power is on. The sensor will automatically connect to the nearest gateway.

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

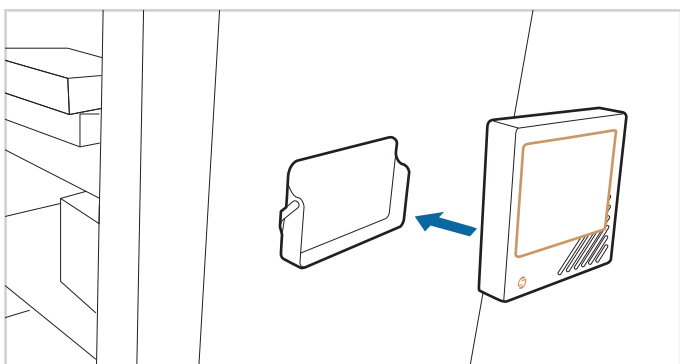


3.1 Select the Optimal Location for the Sensor

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

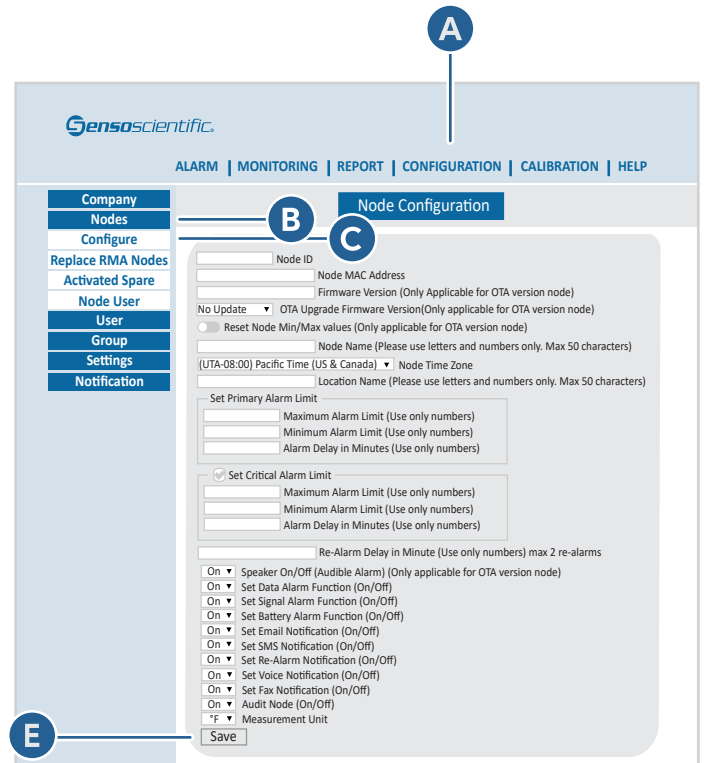
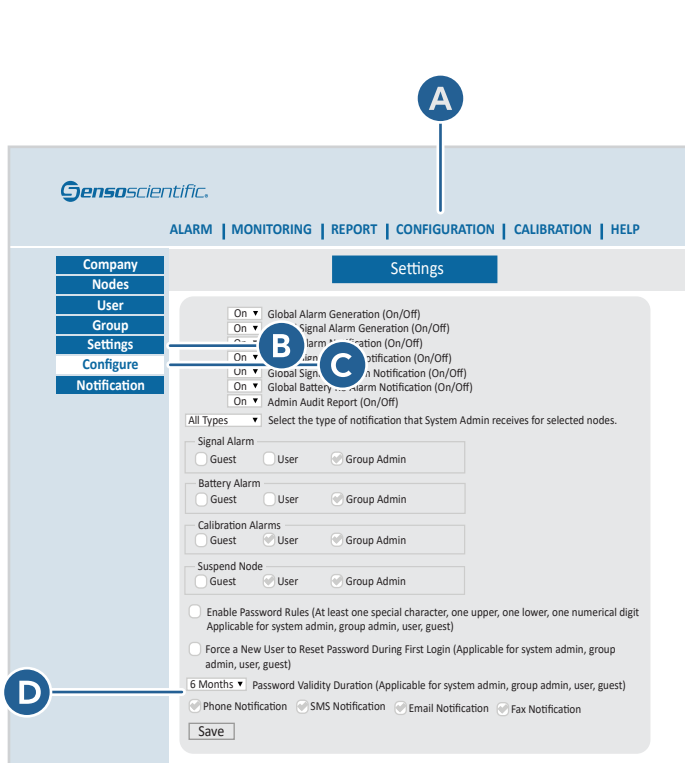
3.2 Use Zip Ties or Mounting Tape to Secure Sensor to Shelf

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.



4.1 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**

Sensoscientific

ALARM | MONITORING | REPORT | CONFIGURATION | CALIBRATION | HELP

Create a New User

Company

Nodes

User

New User

Configure

Add/Remove Node

Change Password

Group

Settings

Notification

Valid Username (Should be Email Address) Min 6 and max 50 characters

Last Name (Min 2 and max 15 characters)

Valid User Password (Min 6 max 16 characters)

Retype Password (Min 2 and max 15 characters)

On ☐ Signal, data, battery Alarm Email Notification On/Off

On ☐ Alarm Confirmation Email Notification On/Off

On ☐ Calibration Due Date Notification On/Off

Valid Notification Email Address (Max 200 characters)

On ☐ Automatic Daily Report On/Off

On ☐ Automatic Daily Hourly Report (On/Off)

On ☐ Automatic Daily Exception (On/Off)

On ☐ Automatic Weekly Report (On/Off)

On ☐ Automatic Monthly Report (On/Off)

On ☐ Automatic Summary Report (On/Off)

On ☐ Automatic Two Point Monitoring (On/Off)

Valid Report Email Address (Max 200 characters)

On ☐ SMS Notification On/Off

Valid Notification SMS Number (SMS Notification must be On.)

On ☐ Voice Notification On/Off

Valid Notification Phone Number (Voice Notification must be On.)

On ☐ Fax Notification On/Off

Valid Notification Fax Number (Fax numbers work only in U.S.)

User ☐ Select user level type

no auto refresh ☐ Set Auto Refresh on Current Status

Instantly ☐ Select to receive notifications instantly or by escalation

Escalation time before notifications are sent (in minutes, max 4 digits)

Standard Time ☐ Select Time Format

Instantly ☐ Select Report Time Zone

Add New User

Sensoscientific

ALARM | MONITORING | REPORT | CONFIGURATION | CALIBRATION | HELP

Add/Remove Node

Company

Nodes

User

New User

Configure

Add/Remove Node

Change Password

Group

Settings

Notification

Select User

demo

Add nodes to user

Delete nodes from user

List user nodes

4.3 Create New User's Personal Profile

- Select the **"CONFIGURATION"** tab in the main menu.
- Select the **"User"** tab in the submenu.
- The submenu will reveal new options. Select the **"New User"** tab.
- 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**

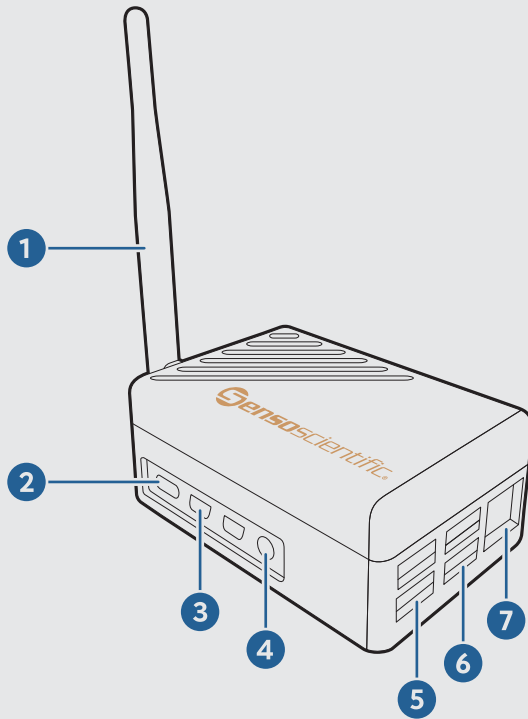
4.4 Assign Nodes to Users

- Select the **"CONFIGURATION"** tab in the main menu.
- Select the **"User"** tab in the submenu.
- The submenu will reveal new options. Select the **"Add/Remove Node"** tab.
- Select the user you want to assign nodes and click the **"Add Nodes to User"** button.
- 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.

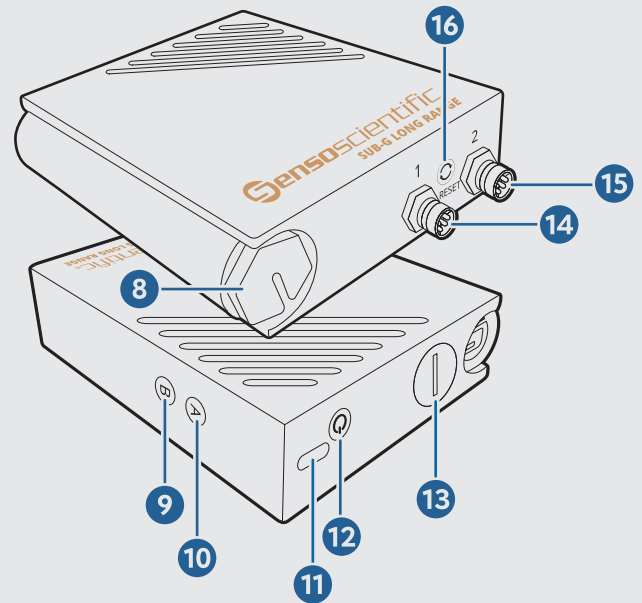
System Overview

Gateway



- 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

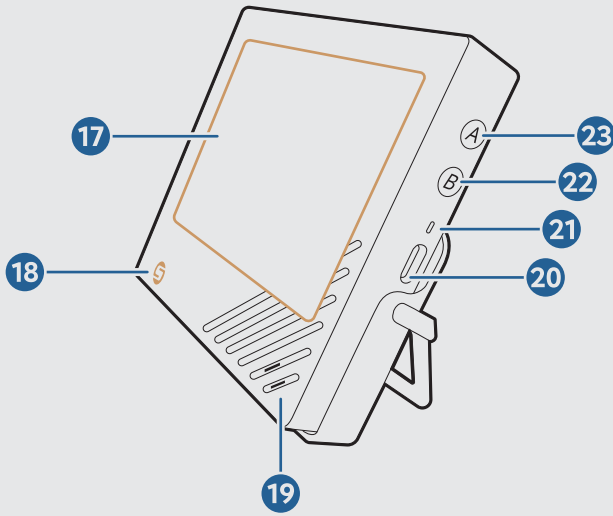
Sensor



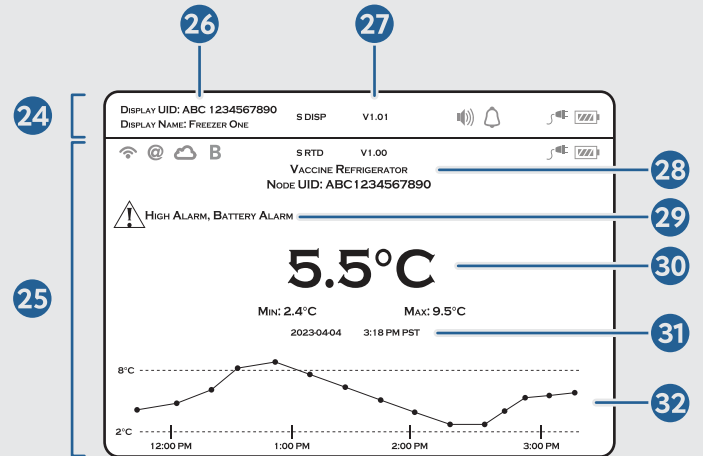
- 8 Solid Thermal Buffer
- 9 B Button
- 10 A Button
- 11 USB-C Power Adapter Port
- 12 On/Off Power Button
- 13 Battery Compartment
- 14 M8 Port 1
- 15 M8 Port 2
- 16 Reset Button

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.