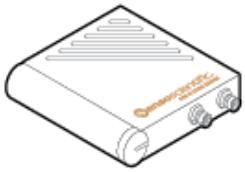
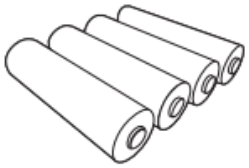
Unpack Box

Node Items



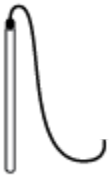
Node



2 AA 1.5V Lithium Batteries

(If purchased) USB-C Wall charger

Probe and Buffer Items



Probe

(If purchased) Solid Thermal Buffer

Gateway Items

SubG Gateway

Ethernet Cable

25W USB-C Wall charger

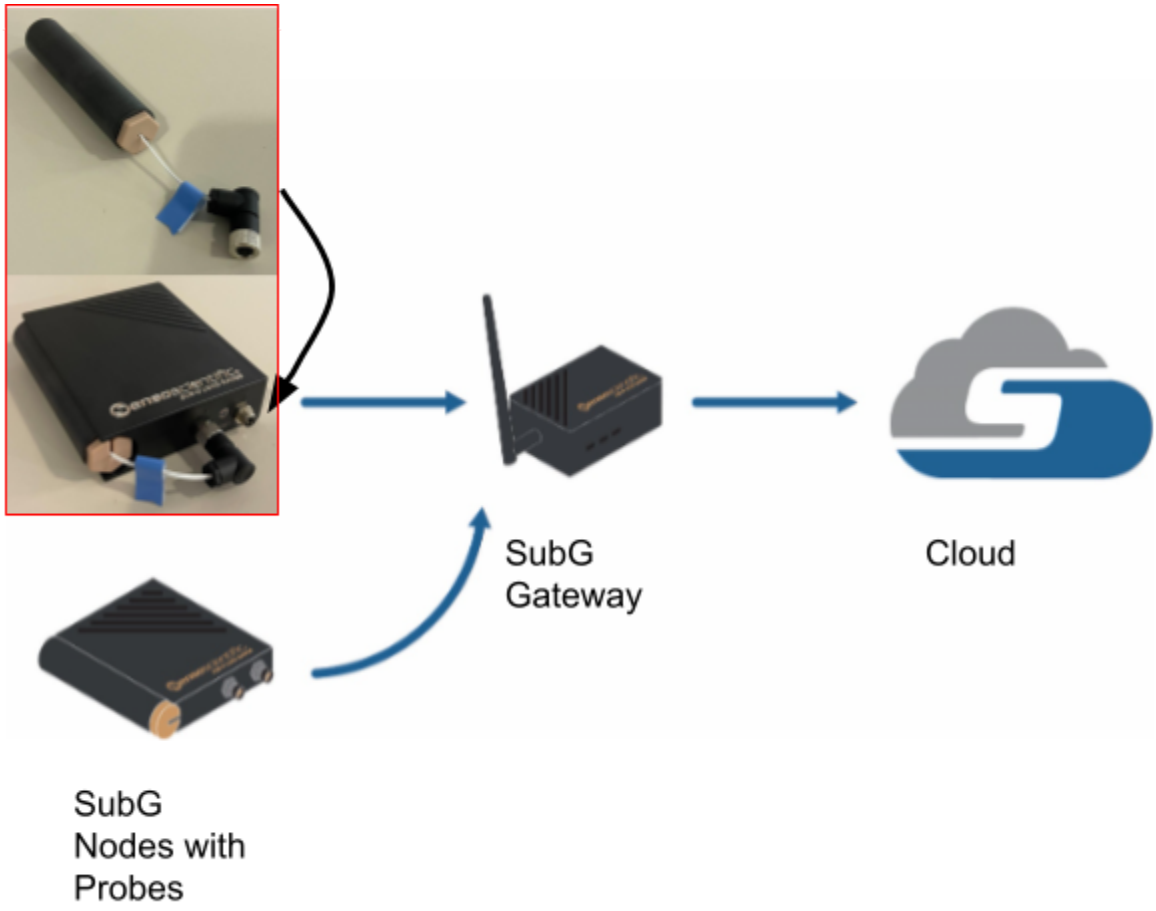
Installation Materials

Double Sided Tape (Option 1)

Zip Ties (Option 2)

SubG System Overview

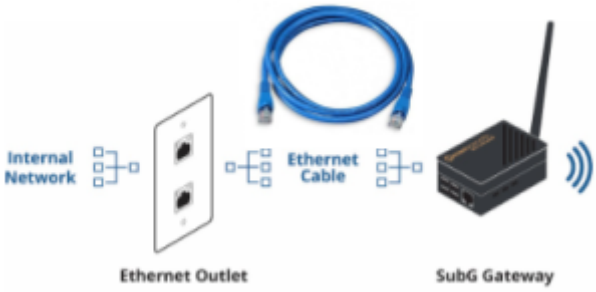
Nodes connect to a SubG gateway which sends probe measurements to the cloud where all of the data collected can be viewed.



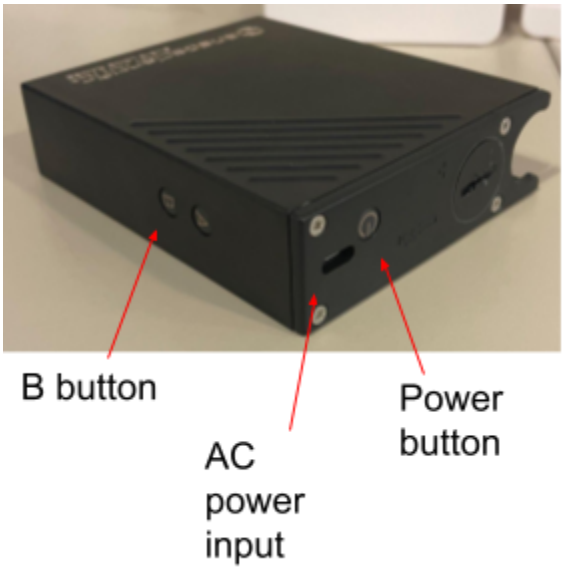
Setup

1. Connect to gateway
    a. Plug in 25W USB-C power supply to SubG Gateway

    b. Plug one end of the ethernet cable into an ethernet outlet and the other end into the SubG Gateway to connect to the network



2. Turn node on/off
    a. Press the power button and then the “B” button on the node, a blue light will turn on to confirm the power is on



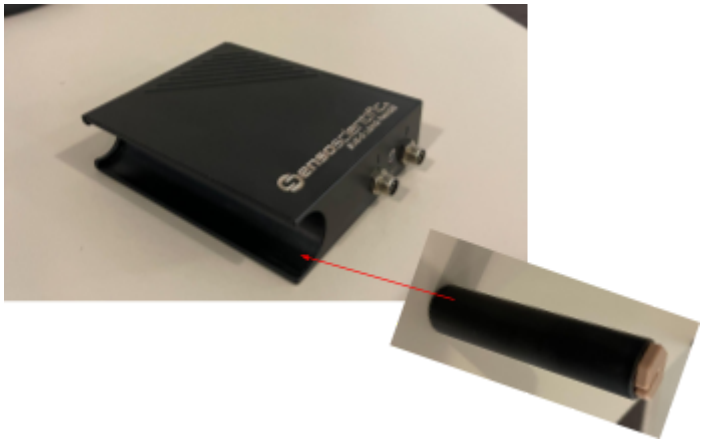
b. The node will connect to the nearest gateway

3. Change node batteries
   a. Take out the battery compartment top by using a flat screwdriver and turning left

   b. Insert 2 AA 1.5V lithium batteries

c. (Optional) AC power cord can be connected to preserve battery life

4. Connect a probe to the node
    a. If you have a solid thermal buffer, screw off the top of the buffer and place the probe inside. Slide the probe's wire into the top's opening and screw the top back onto the buffer. Insert the probe into the side of the node



    b. If one probe is used, connect it to port 1 and place into node slot
    c. If both probes are used, connect according to the instructions provided from SensoScientific cloud (the cloud states which probe goes to each port on the node)

5. Log in to the cloud
    a. Open the Sensoscientific cloud website and login to your account

    b. The node will be seen on the cloud.

6. Installation
    a. Use either option to install the node
        i. Option 1: Double sided tape
        ii. Option 2: 14.5+ inch zip tie
    b. Node temperature range: -40 °C to 180 °C

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.

FCC RF exposure statement:
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.