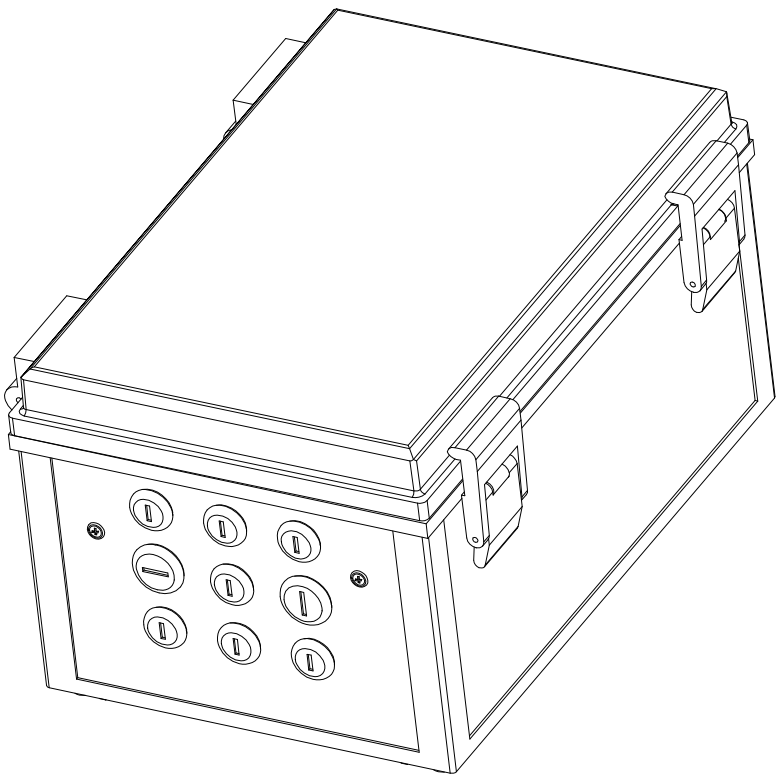
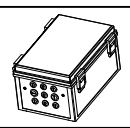
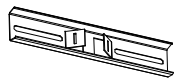
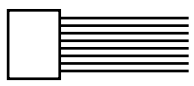
Microsoft Sensor Box

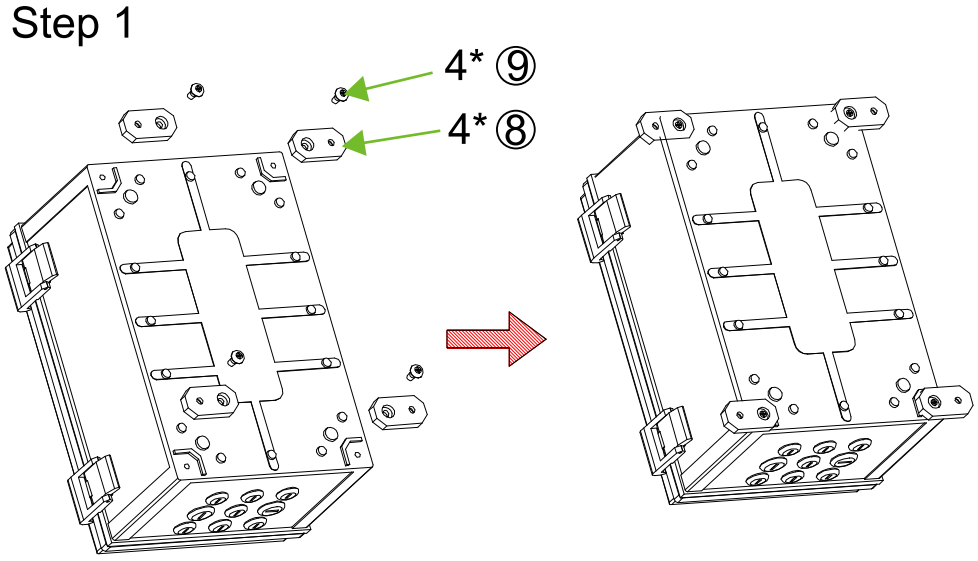
Installation Guide

Version 2.0



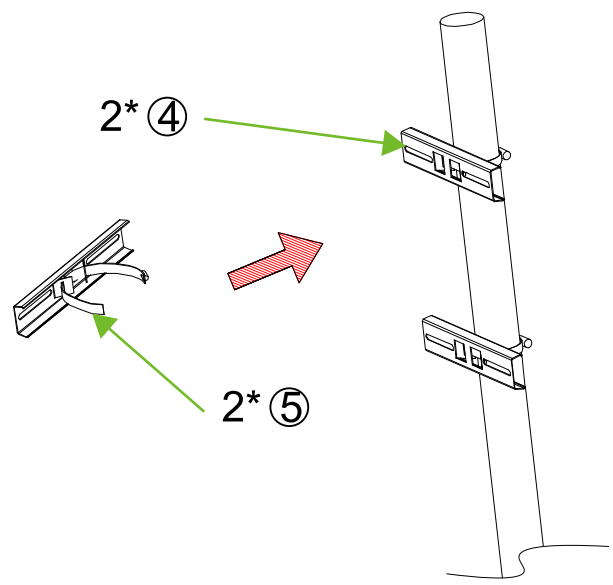
Partlist			
①		Sensor Box	x1
②		PG9 Cable Gland	x4
③		PG7 Cable Gland	x12
④		Holder	x2
⑤		Hoop	x2
⑥		Screw	x4
⑦		Nut	x4
⑧		Footpad	x4
⑨		Self_tapping Screw	x4
⑩		Hand screw	x4
⑪		Battery Holder	x2
⑫		RF Cable	x1
⑬		Dupont Cable	x2

Step 1



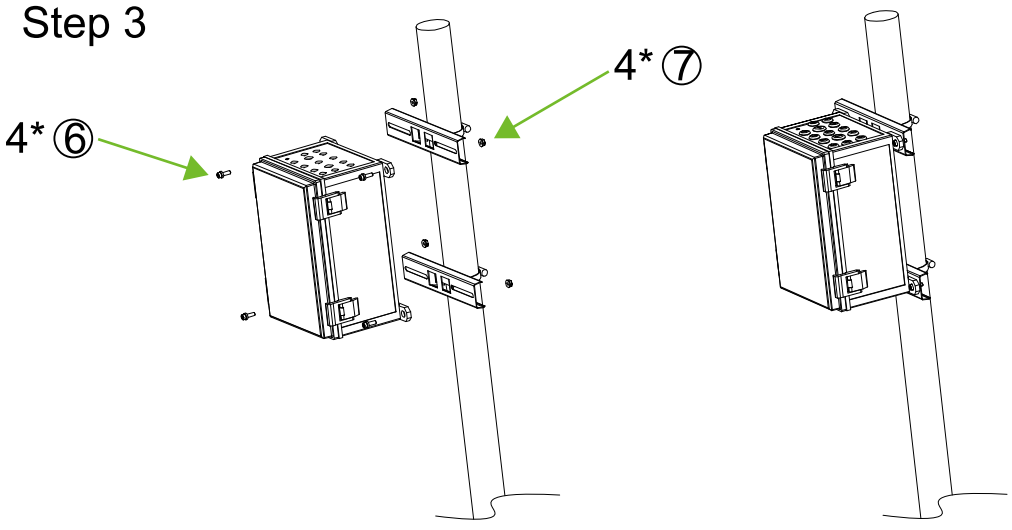
Install 4 footpads on the bottom of box

Step 2



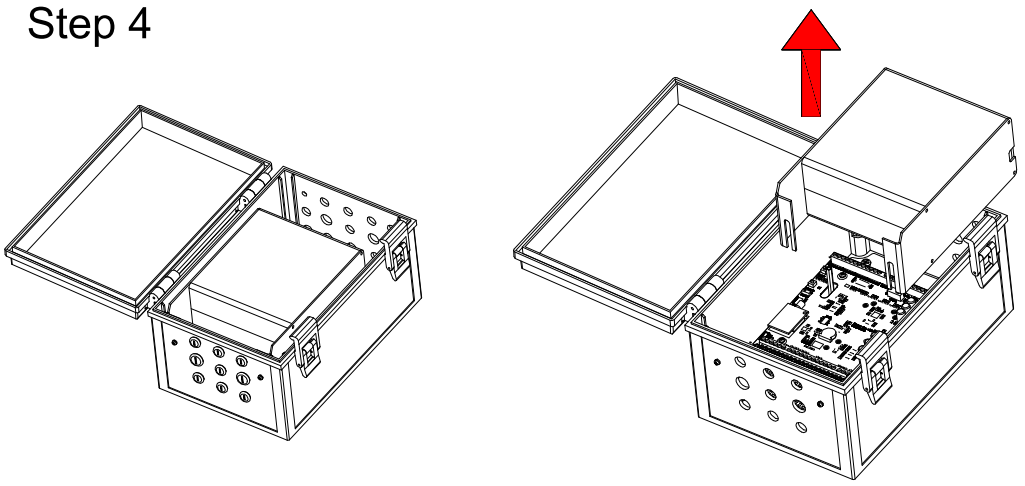
Tie up two metal holders on a pole with two hoops.

Step 3



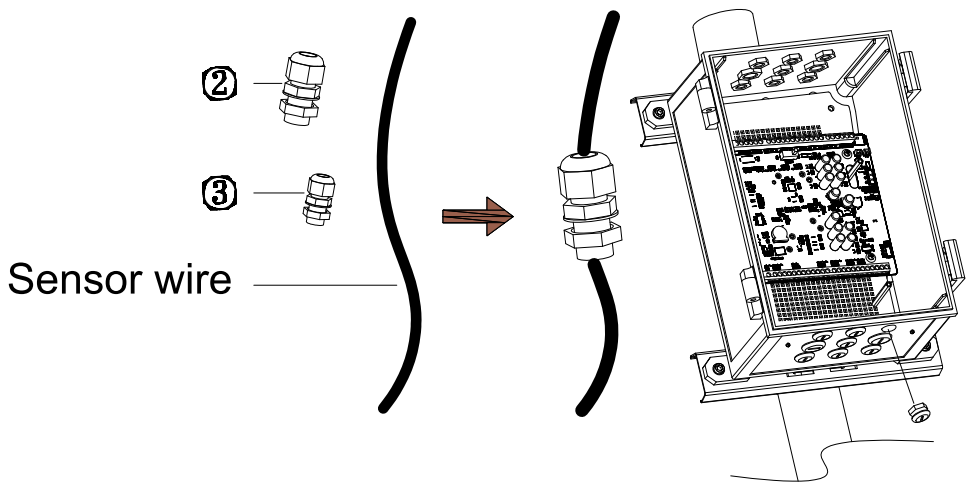
Install the box on the holder with 4 screws.

Step 4



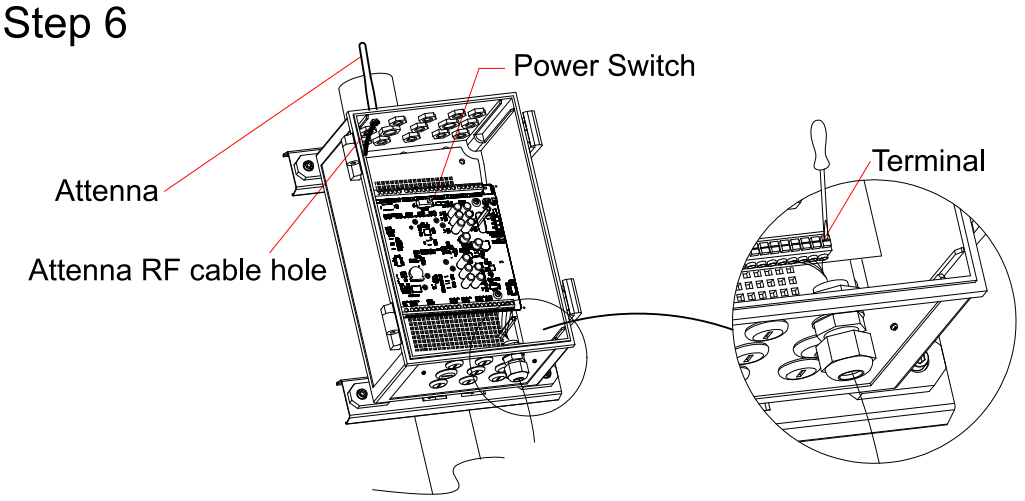
Open the sensor box , unplug the battery cable from the mainboard, unscrew two butterfly nuts on the side of battey box, then take out the battery holder box.

Step 5



Disassemble one of the hole plugs on the sensor box. Select one PG9 or PG7 cable gland according to the hole size, insert the sensor wire into the gland hole.

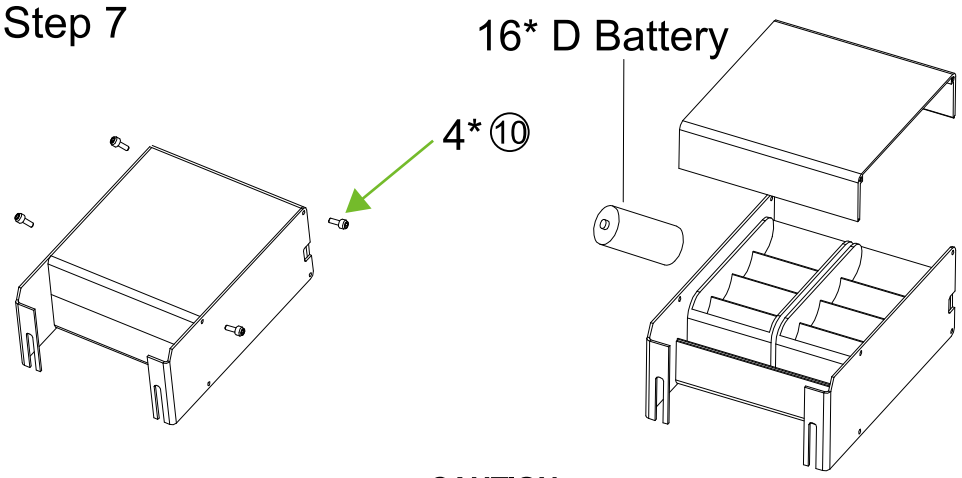
Step 6



Insert the cable gland with wire into the hole.Connect the wire to the mainboard terminal based on the wire color, use a screwdriver to fix the wire.

Install the LoRa attenna on the SMA RF connector of the sensor box.

Step 7



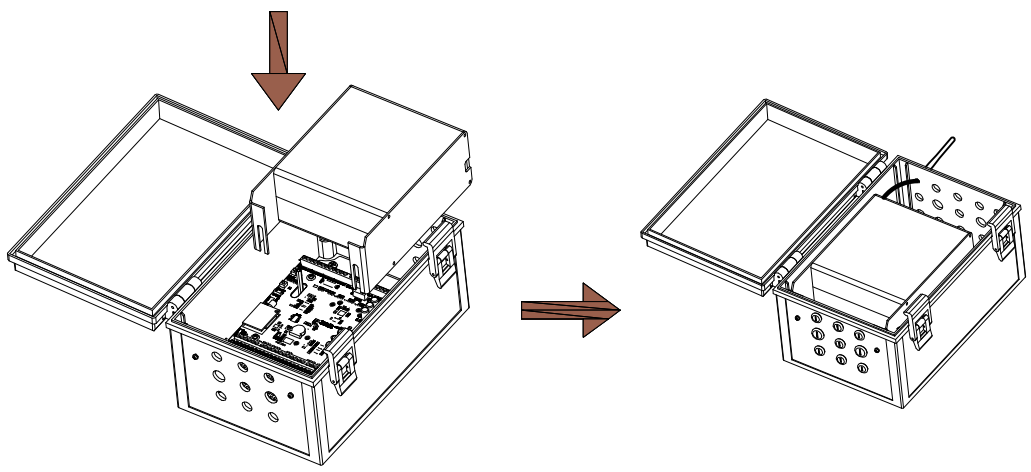
CAUTION

RISK OF EXPLOSIN IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Open the battery holder box by unscrew 4 screw on side of the box. Take out two plastic cell holders. Insert 16 batteries and then put it back to the battery box. Screw the battery box with 4 screws.

Step 8



Put the battery holder into the sensor box. Screw the butterfly nuts. Plug the battery cable to the battery header on mainboard.

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 Compliance Statement:
Note: 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.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.