

Zigbee 3.0 Temperature and Humidity Sensor H24428



SPECIFICATIONS

Frequency: 2.4GHz Zigbee (IEEE 802.15.4)

Battery Type: CR2477 Battery

Operating Temperature: -10°C to 50°C

Operating Humidity: 0 % to 100 % non-condensing

Dimension: Ø 56 mm x 16.7 mm

Battery Life: 3 Years

Temperature Reporting: 0°C to 50°C (± 0.5)

Humidity Reporting: 20 % to 80 % (± 2)

Ingress Protection: IP20

PAIRING SENSOR

This Temperature and Humidity sensor needs to be paired before installation.

1. Pull the exposed plastic tab from the sensor. (Figure 1)
2. The LED indicator will be blink three times in green color to indicate a successful booting. (Figure 2)
3. The LED will blink three times every 2-3 seconds in amber color while scanning the Zigbee network.
4. If network is found and successfully joined, the LED will be lit for 1 second in amber color followed by a short blink in green color.
5. If network is not found after 3 minutes, the sensor will go into sleep mode and the LED will blink in amber color every 1 minute. You need to reset the sensor to trigger a pairing process, and then sensor will repeat steps from 2 to 4.

Note: MAC address of the Sensor can be found on the QR code by scanning it with your mobile phone.

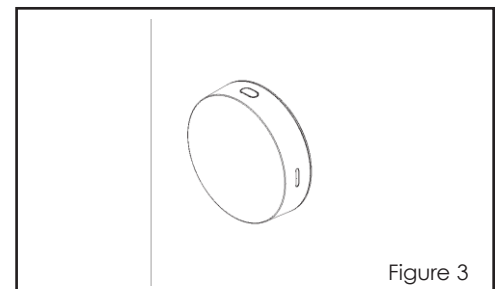
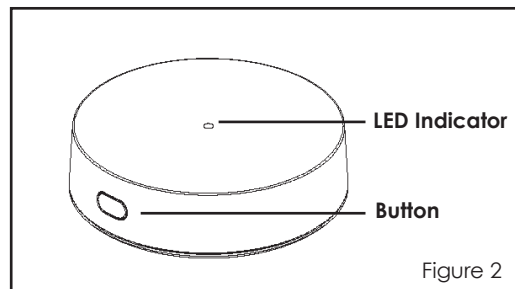
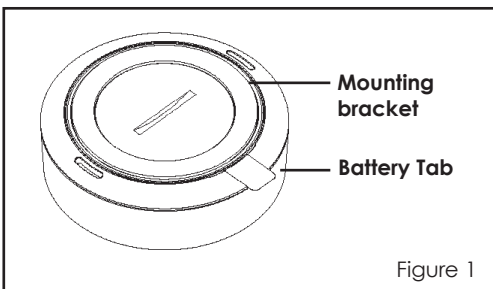
Note: There are 2 QR code labels that are included, all the QR code are the same. Please keep the extra bigger QR code stick for future use.

Note: Try moving closer or further away from the QR code, tap the QR code on the screen to focus, or use your camera's zoom. If that doesn't work, try entering the code manually. If still doesn't work, contact the installer.

Note: If sensor leave the network or disconnect, please reconnect the sensor again.

Reset to Factory Defaults & Reboot

1. Remove from the rear cover if it has been assembled.
2. Remove the battery.
3. Insert the battery upside down (negative side facing outwards) and maintain for 2 seconds.
4. Remove the battery.
5. Press and hold down button (Figure 2) while re-inserting the battery correctly (positive side facing outwards).
6. Release the button in between 1 to 5 seconds after insert the battery.
7. The LED blinks red twice, then amber three times when reset is successful.



INSTALLATION

1. Use the provided double-sided tape on the mounting bracket. (Figure 1)
2. Tear off the protective film of the double-sided tape.
3. Attach the sensor to the desired area. Press firmly and hold in place for a few seconds (Figure 3).

* Keep the surface clean and dry before attach the sensor.

* Do not install on the metal surface, it will affect the wireless communication range.

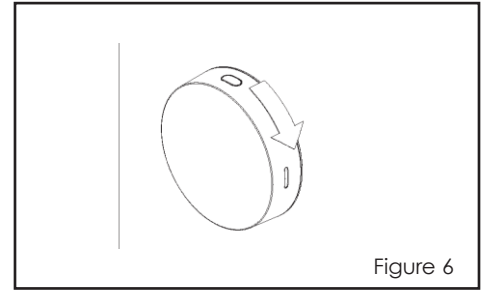
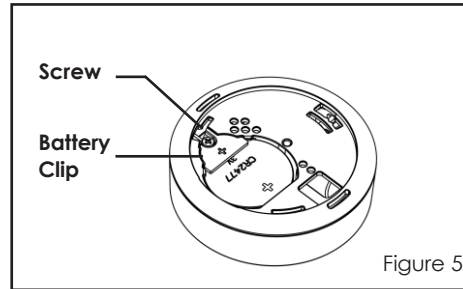
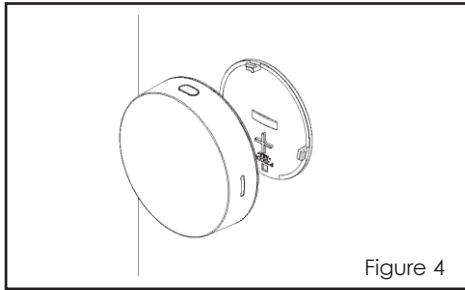
MAINTENANCE – REPLACE THE BATTERY

When the battery is low, a signal will be sent to the control panel.

To insert or replace the battery:

1. Rotate the sensor in counterclockwise and detach it from the mounting bracket. (Figure 4)
2. Unscrew to take out battery clip, then remove the battery. (Figure 5)

3. Press and hold the button for 5 seconds, then release the button.
4. Insert a new CR2477, then put on battery clip then screw properly.
5. Fit the sensor on the mounting bracket, rotate and lock in position. (Figure 6)



WARNING: Do not ingest battery, Chemical Burn Hazard.

This product contains a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children.

If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Failure to follow these warnings and instructions can lead to heat generation, rupture, leakage, explosion, fire, or other injury, or damage. Do not insert the battery into the compartment in the wrong direction. Always replace the battery with the same or equivalent type (see Specifications on section 1). Never recharge or disassemble the battery. Never place the battery in fire or water. Always dispose and/or recycle used batteries in accordance with the hazardous waste recovery and recycling regulations for your location. Your city, state, or country may also require you to comply with additional handling, recycling, and disposal requirements.

