



Alarm.com Temperature Sensor (ADC-S40-T) - Installation Guide

In the box

- ADC-S40-T Temperature Sensor
- CR2450 battery
- Installation guide
- Double-sided tape



Installation

The Temperature Sensor is designed for indoor use only. For optimal performance, install the sensor approximately 5 feet above the floor of an interior wall. Avoid installing the sensor on an exterior wall, in areas that are close to heating or cooling vents, and areas that are exposed to direct sunlight.

Z-Wave SmartStart installation

1. Power on the Z-Wave controller.
2. Log in to the MobileTech app and find the customer account.
3. Add the device using SmartStart and follow the on-screen instructions. For more information about enrolling with SmartStart, see [Add or remove a Z-Wave SmartStart-enabled device](#).
4. Scan the device's QR code found on the box or the sensor.
5. Remove the battery tab from the sensor. When the LED on the sensor turns solid, the sensor has been successfully added.
6. Ensure the device shows up on the account. This may take up to 2 minutes.
7. Name the device based on its application. This can be done in the MobileTech app, the Partner Portal, or the Customer website.
8. Using the double-sided adhesive tape provided, mount the sensor on the wall.

Z-Wave manual installation

1. Power on the Z-Wave controller.
2. Put the Z-Wave controller into Add mode. Refer to the Z-Wave controller documentation for more information.
3. Remove the battery tab from the sensor. When the LED on the sensor turns solid, the sensor has been successfully added.
4. Ensure the device shows up on the account. This may take up to 2 minutes.
5. Name the device based on its application. This can be done in the MobileTech app, the Partner Portal, or the Customer website.
6. Using the double-sided adhesive tape provided, mount the sensor on the wall.

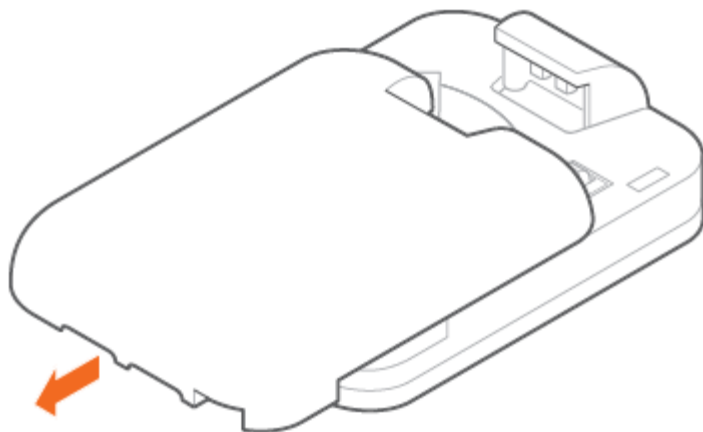
Troubleshooting

Replace the battery

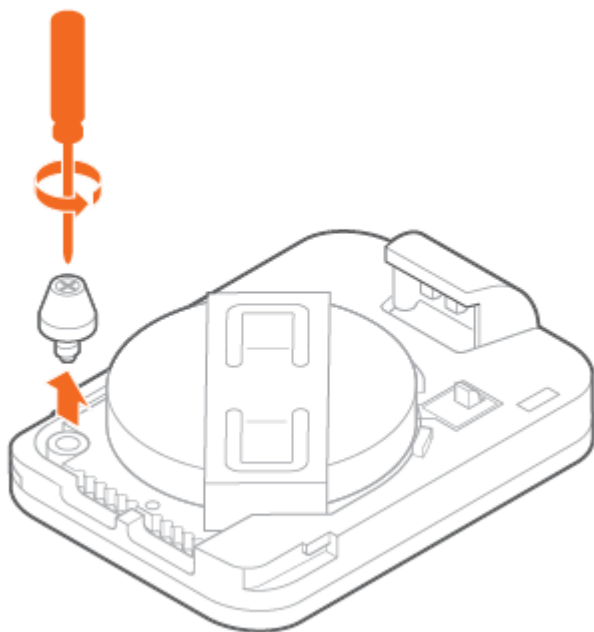
This sensor contains a user replaceable coin cell battery. If the sensor has reported a low battery or is not illuminating the front LED when the sensor is slid open, replace the battery.

Important: Prior to replacing the battery, take note of the [Coin cell battery notices](#).

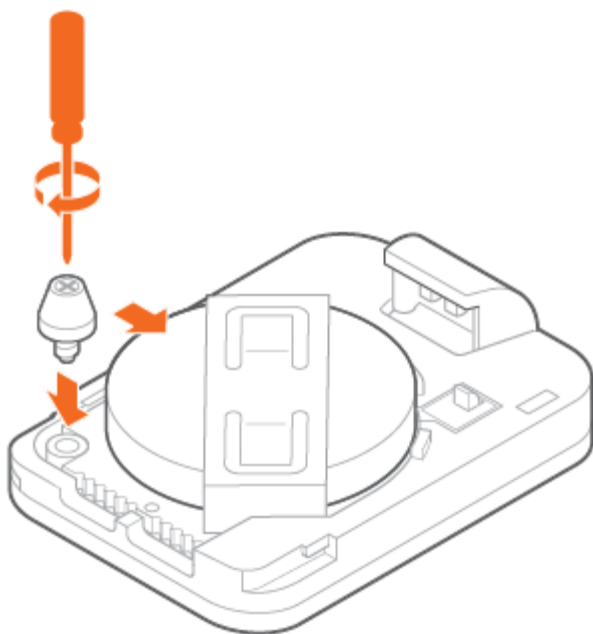
1. Slide the ADC-S40-T open. The LED should turn on then off within a few seconds.



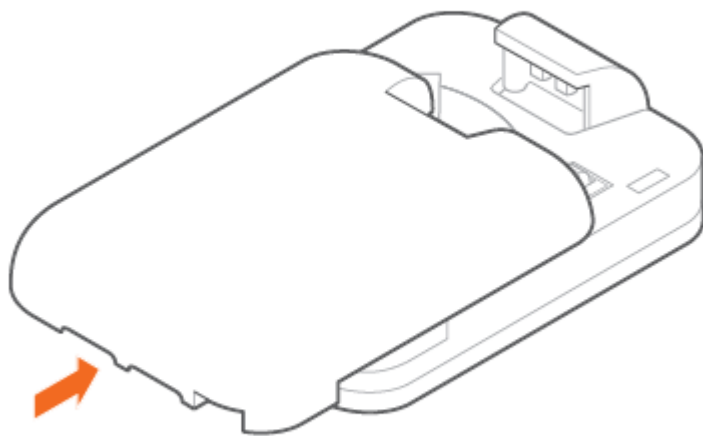
2. Remove screw.



3. Replace the battery with one CR2450 coin cell battery, then replace screw.



4. Slide door back into place. The LED on the front cover will blink to indicate the sensor has powered on.



If the sensor is not communicating with the Z-Wave controller

1. Slide the device open. The LED should turn on and then turn off within a few seconds.



If the LED behavior is different, the sensor cannot communicate with the Z-Wave controller. Follow these steps to fix the communication problems:

- a. Install a Z-Wave repeater between the Z-Wave controller and the sensor.

Note: Any AC-powered Z-Wave device will act as a repeater and improve the range between the Z-Wave controller and the Z-Wave device you are installing.

- b. If the previous step does not resolve the issue, try deleting the sensor from the network (see next section) and add it again.

Deleting the sensor from the network

1. Put the Z-Wave controller into Delete mode. Refer to the Z-Wave controller documentation for more information.
2. Slide the device open to delete the sensor from the network. The LED on the sensor will turn solid and then blink to indicate the device has been successfully deleted.

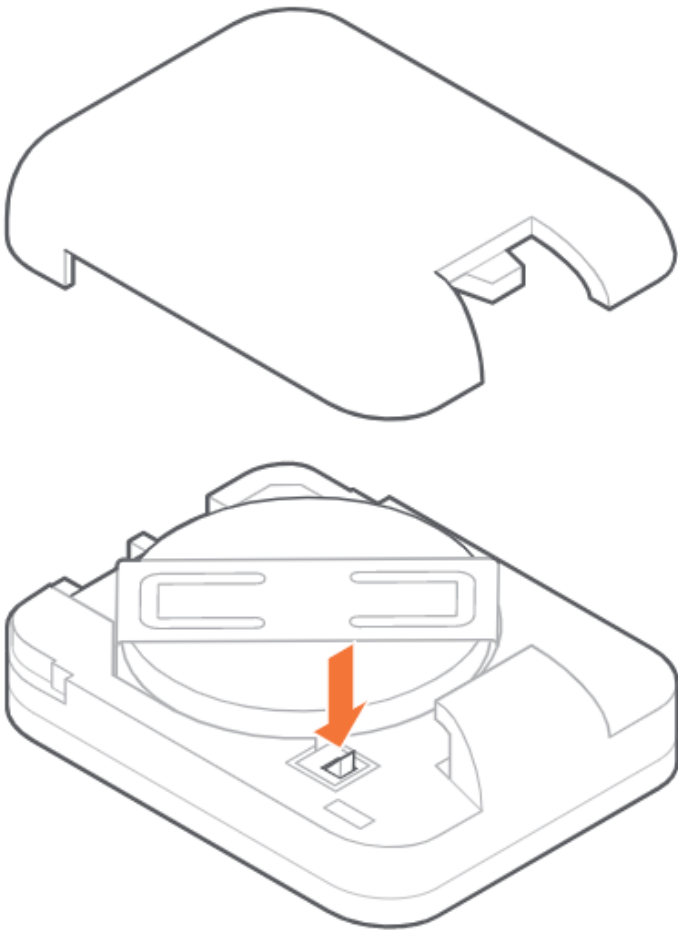
Adding the sensor to the network

1. Put the Z-Wave controller into Add mode. Refer to the Z-Wave controller documentation for more information.
2. Slide the device open to add the sensor to the network. When the LED on the sensor turns solid, the sensor has been successfully added.

Resetting the device to default

Note: This will remove the device from the Z-Wave network.

1. Remove the battery door, tap the tamper switch 3 times in a row, press and hold the tamper switch for 10 seconds until the LED starts flashing. Then, release to reset to default.
2. After the tamper switch is released, the LED will blink quickly and then turn solid for 3 seconds indicating that the device is resetting.



If humidity is not displaying on the Customer website or Customer app

For information on troubleshooting humidity displays and other Smart Humidity Control situations, see [Smart Humidity Control and Display FAQs](#).

Coin cell battery notices

 WARNING	
• INGESTION HAZARD: This product contains a button cell or coin battery. • DEATH or serious injury can occur if ingested. • A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours. • KEEP new and used batteries OUT OF REACH of CHILDREN • Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.	

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. DO NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- The S40-T is compatible with CR2450 batteries ONLY. Do not use any other type of battery with the sensor.
- Nominal battery voltage: 3.0 Volts
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 140 degrees Fahrenheit (60 degrees Celsius) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting chemical burns. Consult the manufacturer's specified temperature rating if you are a battery brand other than what was included with the sensor.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries. The S40-T should use lithium CR2450 ONLY.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

FCC

FCC

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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.

IC

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Note: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.