Use an Alarm.com Temperature Sensor with an Alarm.com Smart Thermostat

GoSafer Security Knowledge Base

This operational reference is organized for GoSafer Security customers and staff. Alarm.com product names are retained where required for technical accuracy.

Overview

Pairing an Alarm.com Temperature Sensor with an Alarm.com Smart Thermostat allows for greater control over the overall temperature of your home. A Temperature Sensor can be used for schedules, or ...

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Procedure

> **Step-by-step guide:** Screenshots and videos are placed with the instruction they illustrate.

Pairing an Alarm.com Temperature Sensor with an Alarm.com Smart Thermostat allows for greater control over the overall temperature of your home. A Temperature Sensor can be used for schedules, or when making changes to the thermostat's temperature using the GoSafer Security customer portal (powered by Alarm.com) or Alarm.com app.

Use a Temperature Sensor with a Smart Thermostat

Select one or more Temperature Sensors to directly control your HVAC system when there’s no thermostat schedule set. The HVAC system monitors the average temperature reported by the selected sensors and keep the average steady at the target temperature.

Example: if the nighttime target temperature is 70 degrees, and all bedroom Temperature Sensors are selected, then the average of temperature across the bedrooms are maintained at 70 degrees.

To pair a Temperature Sensor to a Smart Thermostat using the GoSafer Security customer portal (powered by Alarm.com):

1. Log in to the GoSafer Security customer portal (powered by Alarm.com).
2. In the *Thermostat* card, click **Remote Temperature**.

Select Temperature Sensors Thermostat Card

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3. In *Sensors*, click to select the desired thermostat(s) and Temperature Sensor(s).

Add Temperature Sensors to thermostat schedules

Make thermostat schedules even more precise by assigning one or more Temperature Sensors to the Temperature Presets.

Example: Match the bedroom Temperature Sensor to the Sleep Preset, or the family room Temperature Sensor to the Home Preset. That way, the system is able to cool the right rooms in the house to the target temperature at the times they are in use.

To pair the Temperature Sensor(s) to a thermostat schedule using the GoSafer Security customer portal (powered by Alarm.com):

1. Log in to the GoSafer Security customer portal (powered by Alarm.com).
2. In the Thermostat card, click **Details**.
3. Click **Schedules**.
4. Click **Edit** next to the *Thermostat Schedule* to be edited.
5. Next to the name of the device for the desired mode, click **Edit Text**.

Thermostat Schedule Edit Devices

Thermostat Schedule Edit Devices

6. In *Choose Temp Sensors*, click to select all of the desired sensors for the mode.

Choose Temp Sensors

Choose Temp Sensors

7. Click **Ok**.
8. Repeat the same selections for the other modes.

Frequently asked questions

Can the Temperature Sensors be used in auto mode?

Yes. The Temperature Sensors have built-in safeguards to prevent the system from running too frequently or trying to switch back and forth between Heat and Cool too rapidly. However, it’s a good idea to verify that users have their Heat and Cool schedules configured to ensure a safe gap between Heat and Cool target temperatures at any given time. There should be at least a four-degree difference between the Heat and Cool target temperatures at all times to ensure the system is not cycling too frequently between them.

Note: When in Auto Mode, the Temperature Sensor settings follow those specified on the Heat Mode schedule.

Can multiple Temperature Sensors be used with a multi-thermostat system?

Yes, but things can get complicated quickly with multiple Temperature Sensors and multiple thermostats. The user experience is designed to be as simple and easy as possible, but when working with three thermostats and five Temperature Sensors placed around a house, managing all of them while trying to maximize the HVAC system’s energy efficiency can be challenging. Safeguards have been added to prevent Temperature Sensors from being used for multiple devices at the same time and to prevent systems from contradicting each other (and running Heat and Cool simultaneously, for instance). In general, it is recommended to start simple and build out as the user gets more experienced.

Why is *N/A* showing on the *Temperatures* card?

Until Alarm.com has received a temperature report from a Temperature Sensor, the GoSafer Security customer portal won't have anything to show on that card. To prompt a temperature report, change the temperature of the Temperature Sensor by a degree or press the button on the side of the Temperature Sensor. Shortly after that’s done, a temperature displays on the GoSafer Security customer portal.

Can a Remote Temperature Sensor be used with any Z-Wave thermostat or is the Alarm.com Smart Thermostat required?

Without the Alarm.com Smart Thermostat, it is still possible to see the current temperature in your Temperature Sensor’s location and use that to inform your decision when selecting a target temperature. However, for full functionality, including pairing Temperature Sensors for direct control, temperature averaging, and scheduled automation, an Alarm.com Smart Thermostat is required.

Source and support

For GoSafer Security assistance, visit gosafersecurity.com.

Original Alarm.com reference: https://answers.alarm.com/Customer/Website_and_App/Home_Automation/Thermostats/Use_an_Alarm.com_Temperature_Sensor_with_an_Alarm.com_Smart_Thermostat

Always verify safety, installation, compatibility, and current UI details against the original manufacturer documentation before operational use.

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