This document explains how to install a wireless temperature sensor for a fridge/freezer. A wireless temperature sensor consists of the following components:

Sensor Probe is run inside the fridge / freezer to monitor temperature.

Sensor located outside fridge / freezer. (DO NOT INSTALL IN FRIDGE / FREEZER)

Gateway Device to communicate sensor readings over Wi-Fi. (DO NOT INSTALL IN FRIDGE / FREEZER)
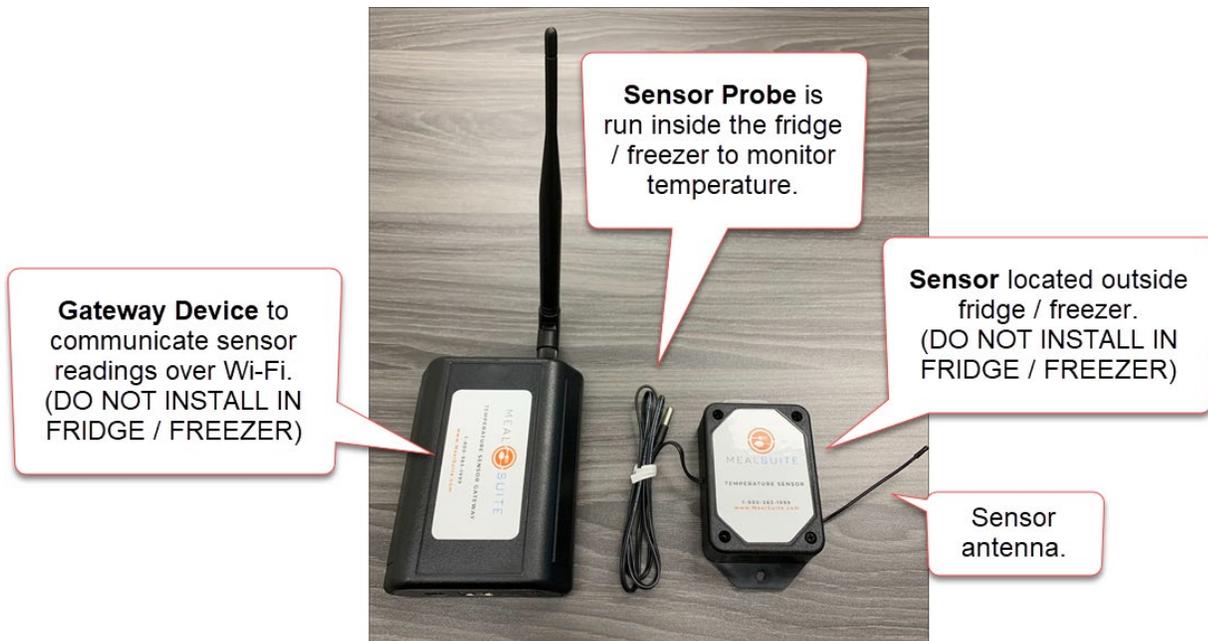
Sensor antenna.

Step 1: Installing the Gateway Device

Important! The gateway device must be situated at least three feet or more away from any sensor.

1. Attach the antenna to the gateway device.

2. Connect the device to a network wall port using the Ethernet cable.

3. Provide power to the device using the charger block plugged into a wall outlet.

4. Check that the three LED lights on the front of the gateway device are green, which indicates that the device is connected to your network.

Note: The gateway device uses a dynamic IP address (DHCP). To use a static IP address, contact MealSuite Support with the following:

- Gateway ID and code (located on the bottom of the device).
- IP address you want assigned.
- Subnet mask.
- Default gateway on your network.
- DNS Server details (can use the Google Public DNS)

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Step 2: Installing a Sensor and Probe

Important! A sensor is shipped with a label to indicate its assigned fridge/freezer. Ensure you place the sensor at its assigned fridge/freezer. In addition, a sensor must be at least three feet or more away from other sensors and the gateway device.

1. Unscrew the sensor case and insert the provided AA batteries.

2. Install the sensor on the **outside of the fridge/freezer** using the screws or double-sided tape.
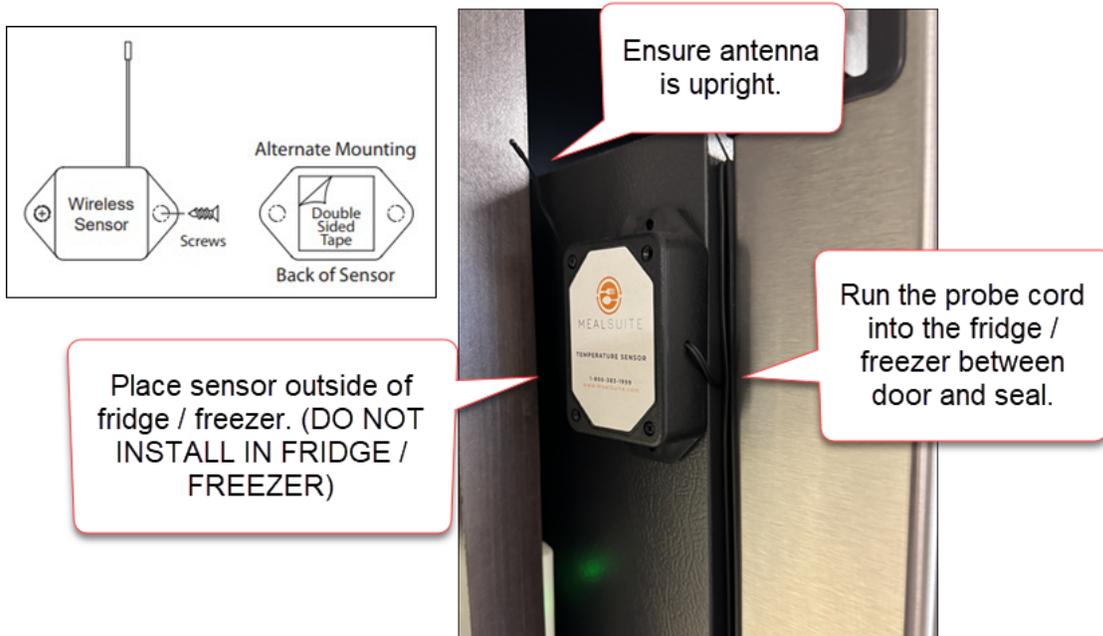
3. Run the probe cord between the door and door seal. Secure the cord using the provided clips. Place the probe in a clip so that it is **not touching the wall or any object.**

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Optional - Run the Probe Through a Hole Drilled in Fridge/Freezer Wall

Instead of running the probe cord between the fridge/freezer door and seal, you can run it through a hole drilled in the fridge/freezer wall. If so, drill a hole slightly larger than the width of the probe. After running the probe through the hole, use silicone caulking to seal the hole around the probe cord.

Step 3: Antenna Orientation

For the sensor to communicate optimally with its gateway device, the antenna of the sensor and the antenna of the gateway device must have the same orientation. A vertical orientation of the antennas is recommended.
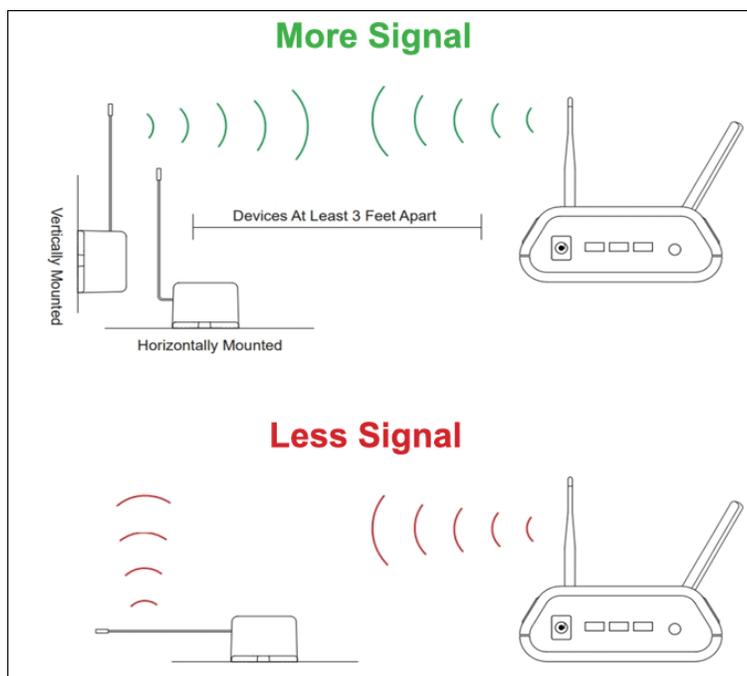
(Image courtesy of Monnit®)

Step 4: Activating a Sensor in Touch Admin

Your MealSuite temperature sensors are preconfigured to operate based on previously-provided preferences.

After you install a sensor, then you must set its status to "Active" in Touch Admin so that the sensor can begin to send real-time data to the MealSuite system.

1. In Touch admin, select **HAACP HQ** (under **Location Setup**).

2. Select the **Fridge/Freezer Sensors** tab. A list of existing sensors appears.

3. Select the **Paused Sensors** tab.
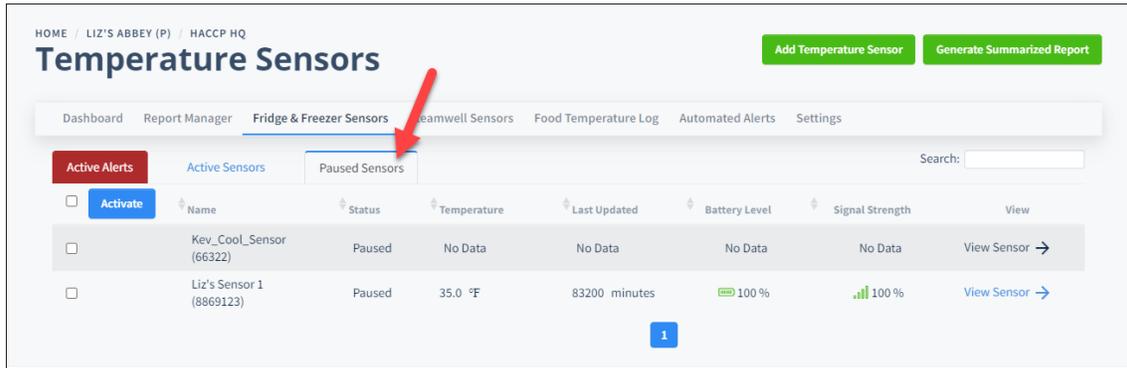
4. Select the check box(es) of the sensor(s) you want to activate and then click the **Activate** button. The screen refreshes as follows:
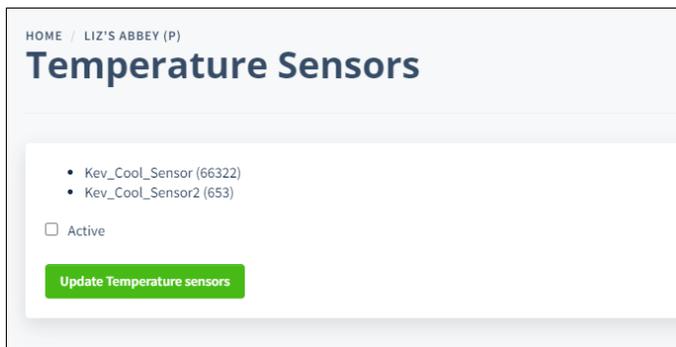
5. Select the **Active** check box and click the **Update Temperature Sensors** button. The sensors are activated, and are listed in the **Active Sensors** tab of the main screen.