XW-110 Wireless Temperature Sensor

Installation & Setup Guide for Walk-in Freezers

🛠 Installation

1. Inspect for a safe location to drill hole for the temperature sensor wire. Be sure to avoid wires, internal pipes, and/or tubing. If unsure, contact freezer manufacturer.

2. Drill hole through freezer wall.

3. Inside the freezer, mount temperature sensor using a magnetic mounting accessory, or adhesive. Mount sensor away from corners and doors.

4. Push sensor wire through the hole, leaving enough wire for a drip loop on both sides of the freezer.

5. Apply a non-hardening duct seal to seal the holes around the sensor wire on both the inside and outside of freezer.

6. Remove the XW-110's cover, remove its built-in temperature sensor (if included), and connect the external sensor.

7. Mount the XW-110 using mounting screws or an adhesive. Power the device by using a 5V power supply and/or two AA batteries.

Installation Items Needed:

- ☐ XW-110
- ☐ External temperature sensor
- ☐ Drill with a 3/16" Drill Bit (8-10 inch length)
- ☐ Non-hardening duct seal
- ☐ Magnetic mounting accessory, adhesives, or screws for mounting XW-110 & Temperature sensor.

📶 Setup Pages

1. Access the XW-110 and configure the WiFi Networks tab by following steps in the Quick Start Guide or users manual.

2. After the network settings have been entered, click on the Email tab and enter the SMTP server and email address information (Gmail and other online accounts may need settings changed to '3rd party application access' or 'less secure app access'). Once done, click Submit.

3. Click on the Sensors tab and configure the temperature high and low alerts. Once done, click Submit. *See the XW-110 users manual for detailed settings' explanations.*

4. Click on the Main tab, and click Reboot. The new settings are now active.

5. Your computer will no longer be connected to the XW-110 access point, and the XW-110 will attempt to connect to your Wi-Fi network.

Setup Items Needed:

- ☐ XW-110 Quick-Start Guide
- ☐ Computer
- ☐ Wi-Fi Password: _____
- ☐ Router Info:

  Username: _____

  Password: _____

If leaving XW-110's HTTP Server enabled:

IP Address: _____

Port: _____

✅ Testing

1. Test the XW-110 by heating or cooling the temperature sensor beyond the high or low threshold to verify that you receive an email alert. You may be able to use an ice cube or hair dryer to change the temperature of the sensor. Be sure to keep the sensor temperature beyond the alarm threshold for a longer time than the Update Interval time, that you entered in the settings.

2. If you don't receive an alert press the XW-110 Access Point button again, access the XW-110 setup pages, and double check the Wi-Fi, email, and alert settings. After checking the settings, remember to reboot the XW-110 in order to reconnect it to your Wi-Fi network. If you still cannot get the alerts to work, please see our Wireless Products Troubleshooting Video or the XW-110 users manual.