

Use of Temperature Monitoring

1. What is the Primex OneVue Temperature Monitoring Sensor?

OneVue Sense remote temperature monitoring on the Primex OneVue system completely eliminates the need for manual temperature monitoring and data logging. The Primex OneVue Temperature Sensor wirelessly connects and reports data to the cloud-based Primex OneVue Monitor platform. Available on any internet-connected device, the platform – which meets today’s stringent IT security policies – allows you to view current and past temperature data and run customizable reports when necessary for compliance checks. The OneVue Monitor platform also features threshold-based alerts, which can notify you to take action if temperatures fall below a certain point. This can be vital in protecting critical vaccines, especially when the initial supply may be low.

2. Can I monitor refrigerator and freezer temperature ranges?

OneVue allows you to monitor any standard or cryogenic temperature range required to meet standards for COVID-19 vaccines. Our standard temperature probes can monitor temperatures from -40 °F to 221 °F (-40 °C to 105 °C), and our cryogenic temperature probes can monitor temperatures from -328 °F to 302 °F (-200 °C to 150 °C).

No matter the required storage temperature, Primex OneVue Sense, part of the Primex OneVue System, can accurately monitor temperature inside storage units to protect the efficacy of these potentially lifesaving vaccines.

3. What kind of reporting is available within the OneVue system to meet potential COVID-19 standards?

OneVue Monitor provides an Asset Summary Report that can help keep your vaccine and temperature logs in one place, making it easy to find during audit scenarios. This report collects temperature every 30 minutes and displays two customizable time points of exact temperature (defaults to noon and midnight). The report also shows the daily minimum and maximum temperatures to comply with some state requirements that mandate those records. The electronic signature feature proves that you have reviewed storage unit temperature readings and changes in temperature trends that might require action, helping to keep you in compliance. OneVue Monitor stores these records for a minimum of seven years, far exceeding the three years mandated by federal VFC guidelines.

Specifications of the Temperature Monitoring Sensor

1. What type of variance or accuracy do your devices have?

Our sensor is a solid-state device that does not need to be calibrated or reset. Our probes are accurate to +/- 1 °F or +/- .5 °C, which meets the CDC and VFC requirements. .

2. What are the sensor's connectivity and power options?

Connectivity:

The sensor connects through your existing network infrastructure either via an Ethernet connection or Wi-Fi authentication.

Power:

The sensor is powered either with Power over Ethernet (PoE), an AC adapter, or 2 AA lithium batteries (battery power only recommended for backup purposes). Having an option for PoE and AC ensures confidence that the devices will always be accessible on the network, which is especially important when monitoring the storage temperature for these critical vaccines.

3. If I use the sensors on AC power, what happens if the power goes out?

If the power goes out, battery power takes over. Expected battery life: up to 12 months (when used on battery power only on default settings). We also have an alert if the batteries need to be changed.

4. If there is a temperature excursion, how will I know?

Through the OneVue software platform, customizable specifications can be set that will trigger alerts if temperatures fall below or rise above a specified range. Alerts can be provided via email, text, and phone call formats.

5. Are there are any redundancy features to ensure?

Primex sensors have built in redundancy features such as:

- Store 4097 readings on the devices that cannot be erased until downloaded to OneVue.
- An audible tone can be set locally on the device.
- LED lights will illuminate when there is an alert.
- The on-board LED screen also can be used to see the real-time temperature at the sensor.

Installation Related Questions

1. How easy is it to install a Primex OneVue Temperature Monitoring Sensor?

The installation typically takes approximately 10 minutes to complete. The steps for installation are:

- Configure sensor network and settings in OneVue before shipment or on-site in the OneVue Wired Device Configurator Android app
- Mount the probe inside your temperature-controlled vaccine storage unit.
- Mount the sensor device to the outside.
- Confirm connection to OneVue.
- Then, you are ready to monitor temperature and meet compliance regulations set by the CDC and other governing bodies.

2. What if I need to move my vaccines from one refrigerator or freezer to a different refrigerator or freezer? Say from the pharmacy to a drive-thru clinic?

OneVue sensors can be easily installed and moved and offer multiple power options including battery, AC, and Power over Ethernet (PoE), making them an ideal solution for emergency conditions that might require additional monitoring capacity. The sensors keep data – which can trace to anything you want, say either vaccine temperature or freezer temperature – safe by storing readings in local memory during power outages. When systems are back online, the information is sent to OneVue. The units can also be configured to signal local alerts (light and audible alarms) during power and network disruptions.