# OneVue Sense™ Temperature Sensor



## PROTECT YOUR VACCINES, MEDICATIONS, AND CRITICAL SAMPLES

**The OneVue Sense Temperature Sensor** eliminates the need for manual monitoring and data logging. With enhanced Wi-Fi communication and authentication protocols that meet today's stringent IT security policies, this temperature sensor seamlessly captures and documents vital monitoring data. Sensors can be delivered preconfigured to your network settings to be able to immediately access your network without complicated setup. When paired with our cloud-based OneVue® software, these sensors provide assurance that valuable, temperature-sensitive assets throughout your facility are safely monitored to protect patients and meet or exceed CDC, TJC, and other compliance regulations.

OneVue Sense Temperature Sensors continuously monitor critical temperatures to safeguard your valuable, temperature-sensitive assets, and alert you when necessary. Flexible logging and reporting options capture and document conditions, and then communicate with the cloud-based OneVue® software to maintain complete temperature-monitoring documentation. Comprehensive monitoring reports are quickly and easily generated from any desktop or mobile device to demonstrate compliance with all authorities having jurisdiction.

Whether protecting vaccines, food, medications, or other temperature-sensitive materials, a **thermobuffer** will help provide a more consistent measurement of refrigerator conditions. Available in a choice of two types (glycol or wax), our thermobuffers simulate the actual temperature of refrigerated assets to minimize false sensor readings caused by opening the refrigerator door.



OneVue Sense Temperature Sensor with Probe



Thermobuffer Options of Glycol or Wax



Cryogenic Thermobuffer

### SENSORS

| PART NO. | DESCRIPTION |
|---|---|
| 401-000003 | Temperature Sensor, Single Probe Support, Wi-Fi, 120V. Includes Battery and AC power adapter. Requires OneVue Service and Support plan. |
| 401-000004 | Dual Temperature Sensor, Dual Probe Support, Wi-Fi, 120V. Includes Batteries and AC power adapter. Requires OneVue Service and Support plan. |
| 401-000002 | Temperature Sensor, Single Probe Support, PoE, Power Supply, and Batteries. Requires OneVue Service and Support plan. |
| 401-000001 | Dual Temperature Sensor, Dual Probe Support, PoE, Power Supply, Cat5 Cable and Batteries. Requires OneVue Service and Support plan. |

### RECOMMENDED PROBES

| PART NO. | DESCRIPTION |
|---|---|
| 401-000016 | Glycol Thermobuffer w/ Certitrak probe, (60ml) Glycol thermal buffer assembly for Certitrak probe. Includes serialized NIST probe. For use with Sense sensor. |
| 498-000005 | Cryogenic Smartprobe, 4" (10.16cm) RTD, 6' (1.8m) Ribbon Cable -198C to 150C, (NIST) RTD temperature probe, range -198°C to 150°C. Contains onboard memory for certificate storage. |
| 499-000018 | Cryogenic Thermobuffer, Stainless steel sheath for cryogenic probes provides durable protection from large temperature fluctuations when the door is opened. May be reused when probe is replaced. |

### LESS COMMON PROBES

| PART NO. | DESCRIPTION |
|---|---|
| 401-000015 | Wax Thermobuffer w/ Certitrak probe, (60ml) Solid (WAX based) thermal buffer assembly for Certitrak probe. Includes serialized NIST SMART probe. For use with Sense sensor. |
| 498-000006 | Smartprobe, 4" (10.16cm) RTD, 6' (1.8m) Ribbon Cable -40 to 105C, (NIST) RTD temperature probe, range -40°C to 105°C. Contains onboard memory for certificate storage. |
| 400-000040 | 1 Gallon Food Grade Glycol |

### SENSOR ACCESSORIES

| PART NO. | DESCRIPTION |
|---|---|
| 400-000080 | Sensor Battery Pack 3.0v Energizer L91-FR6 3.0V Battery Pack (2 AA batteries in single pack) |
| 400-000077 | 6' (1.8m) RTD Probe Extension Cable for Sense RTD temperature probe |
| 400-000076 | 25' (7.62m) RTD Probe Extension Cable for Sense RTD temperature probe |
| 400-000078 | Power Cord Extension (2 meter), sensors Extension cable for Sense power supply, 2 meter (~ 6 feet ) length. USB mini to USB mini. |
| 400-000082 | Sensor Power Supply 5 VDC (1 A max) power supply. |
| 401-000013 | Sense Thermobuffer, Glycol (60ml) Bottle for RTD Probe and Thermistor (NIST) |
| 499-000001 | Enclosure for Outdoor Sensor |

## FEATURES

- Out-of-range conditions immediately trigger audible (optional) and visual local alarms as well as customized text message, phone call, and/or email alerts
- LCD display shows current, minimum, and maximum collected temperature readings and sensor diagnostics
- Access to OneVue software for data access or download on demand, including onboarding, project management, maintenance and security updates

- Sensors require Smartprobe with CertiTrak™ available in standard or extended (cryogenic) ranges
- Available with three power options: Battery, AC or PoE; AC and PoE units have backup batteries to protect data in case of power loss
- 24/7 automated and continuous monitoring and alerting
- OneVue software data storage: seven years
- Detachable probe provides date of first use and certificate download after probe installation

| | | |
|---|---|---|
| **SMARTPROBE WITH CERTITRAK SPECIFICATIONS** | • **Temperature Range:** -40 °F to 221 °F (-40 °C to 105 °C)<br>• **Accuracy:** ± 1.0 °F (0.5 °C)<br>• **Sheath Material:** Stainless steel | • **Sheath Diameter:** 1/4" (0.63cm)<br>• **Cable Properties:** Ribbon<br>• **Cable Length:** 6' (1.8m) |
| **CRYOGENIC SMARTPROBE WITH CERTITRAK SPECIFICATIONS** | • **Temperature Range:** -324.4°F to 302°F (-198°C to 150°C)<br>• **Accuracy:** ± 1.0 °F (0.5 °C)<br>• **Sheath Material:** Stainless steel | • **Sheath Diameter:** 1/4" (0.63cm)<br>• **Cable Properties:** Nylon<br>• **Cable Length:** 6' (1.8m) |

3.7" W (9.39cm)
4.7" H (11.93cm)
1.3" D (3.30cm)
OneVue Sense Temperature Sensor

| | |
|---|---|
| **CERTIFICATIONS** | • FCC, CE, and IC-compliant |

| | | | |
|---|---|---|---|
| **POWER** | • **Recommended AC-Power:** 5V DC USB Mini B (5 pin) connector interface, 5 ft (1.5 m) cable, **Input:** 100-240 VAC, 50/60 Hz, 0.4A, **Output:** 5V, 1.0A max | • **Recommended Power Over Ethernet (PoE):** Compliant with IEEE 802.3af standard<br>• **Battery Power:** 2 AA 1.5V batteries; use of Energizer® L91 Ultimate Lithium batteries recommended | • **Estimated Battery Life:** up to 18 months; assuming a 1-hour logging interval, 8-hour reporting interval and adequate wireless signal<br>• Low battery indicator |

| | | | |
|---|---|---|---|
| **WIRELESS & NETWORK COMMUNICATION** | • **Wireless Networking Protocols:** 802.11b, 11g, 11n single stream, 2.4 GHz<br>• Wired Ethernet (optional) with Power Over Ethernet (PoE) models; 10/100Mbps Ethernet IEEE Standard 802.3 | • **Encryption Protocols:** WEP, WPA, WPA2(AES and TKIP)<br>• **Authentication Protocols:** EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-VO-MSCHAP, PEAP-V1-GTC<br>• **Data Packet Size:** typically less than 5 kilobytes (kB) | • **Network Communication Protocols:** Hypertext Transfer Protocol Secure (HTTPS)<br>• **IP Addressing:** Dynamic Host Configuration Protocol (DHCP), static IP addressing |

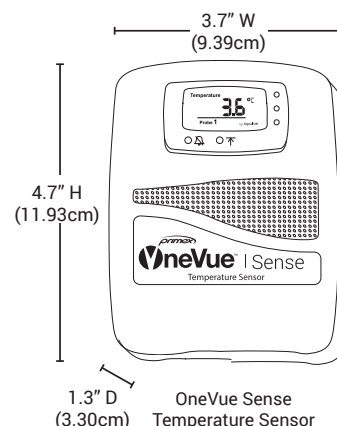| | | | |
|---|---|---|---|
| **ENCLOSURE** | • ABS plastic<br>• **Dimension:** 4.7" H x 3.7" W x 1.3" D (11.93cm x 9.39cm x 3.30cm)<br>• **Weight:** 0.3 lb (136 gram) with 2 AA batteries | • **LED Status Indicator:** green, yellow, red<br>• **Two User Buttons:** Local Alarm Silence Button/Collection Period Reset Button and Check-In Button for manual data transmission | • **Mounting Options:** Keyhole slot with lockdown screw holes in back panel for wall mount; or surface mount with supplied dual-lock adhesive mounting strips |

| | | | |
|---|---|---|---|
| **OPERATION** | • **Alerts:** audio, visual LED, LCD display<br>• **Audio Alert Reset Period:** user-defined (next alarm, 15min, 30min, 1hr, 2hr, 3hr, 4hr) | • **Reset minimum and maximum -** user-defined<br>• **Configuration:** Primex Device Configuration software<br>• **Secure Data Wipe:** factory reset function | • **Stored Reading Capacity:** 4096 readings<br>• **Reporting and Logging Interval:** user-defined (15min, 20min, 30min, 1hr, 2hr, 4hr, 8hr, 12hr) |

| | | |
|---|---|---|
| **ENVIRONMENT** | • **Operating Temperature:** 32°F to 122°F (0°C to 50°C), indoor use only | • **Storage Temperature:** -4°F to 140°F (-20°C to 60°C) |

To Learn More:
Call - 855-602-2934
Email - info@primexinc.com
primexinc.com