

# 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 pre-configured to your network settings to be able to immediately access your network without complicated setup. When paired with our cloud-based OneVue Monitor 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 OneVue Monitor 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

## FEATURES

-  Out-of-range conditions immediately trigger audible and visual local alarms as well as customized email, text and/or phone alerts
-  FDA registered
-  LCD display shows current, minimum, and maximum collected temperature readings and sensor diagnostics
-  Sensors require PrimexPROBE with CertiTrak™ available in standard or extended (cryogenic) ranges
-  Access to OneVue Monitor, including onboarding support, project management, software maintenance, and security updates
-  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 monitoring and alerting



PART NO.	DESCRIPTION
T101Q	OneVue Sense Temperature Sensor, Single Probe, Wi-Fi
T101Q-E	OneVue Sense Temperature Sensor, Single Probe, PoE
T102Q	OneVue Sense Temperature Sensor, Dual Probe, Wi-Fi
T102Q-E	OneVue Sense Temperature Sensor, Dual Probe, PoE
T100SMRT	PrimexPROBE with CertiTrak, NIST-Traceable
T100CSMRT	PrimexPROBE Cryo with CertiTrak, NIST-Traceable
Q13824-6	Probe Cable Extension 6' (1.8M)
Q13824-25	Probe Cable Extension 25' (7.6M)

PART NO.	DESCRIPTION
S100PWR	AC Adapter
Q13827	AC Adapter Extension 6' (1.8M)
SNS900	Battery Pack Replacement
SMRTGRP-C	Solid Wax Based Thermobuffer (assembled with T100SMRT probe)
SMRTGRP-G	Glycol Thermobuffer (assembled with T100SMRT probe)
SNSGLY-1	1 Gallon Food Grade Glycol

### PrimexPROBE WITH CERTITRAK SPECIFICATIONS

- **Temperature Range:** -40 °F to 221 °F (-40 °C to 105 °C)
- **Accuracy:** ± 1.0 °F (0.5 °C)
- **Sheath Material:** Stainless steel
- **Sheath Diameter:** 1/4" (0.63cm)
- **Cable Properties:** Ribbon
- **Cable Length:** 6' (1.8m)

### PrimexPROBE CRYOGENIC WITH CERTITRAK SPECIFICATIONS

- **Temperature Range:** -328 °F to 302 °F (-200 °C to 150 °C)
- **Accuracy:** ± 1.0 °F (0.5 °C)
- **Sheath Material:** Stainless steel
- **Sheath Diameter:** 1/4" (0.63cm)
- **Cable Properties:** Nylon
- **Cable Length:** 6' (1.8m)

### CERTIFICATIONS

- FDA registered
- FCC, CE, and IC-compliant

### POWER

- **Recommended Power Over Ethernet (PoE):** Compliant with IEEE 802.3af standard
- **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
- **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
- Low battery indicator

### WIRELESS & NETWORK COMMUNICATION

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

### ENCLOSURE

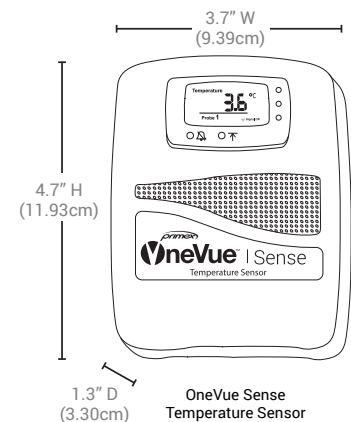
- ABS plastic
- **Dimension:** 4.7" H x 3.7" W x 1.3" D (11.93cm x 9.39cm x 3.30cm)
- **Weight:** 0.3 lb (136 gram) with 2 AA batteries
- **LED Status Indicator:** green, yellow, red
- **Two User Buttons:** Local Alarm Silence Button/Collection Period Reset Button and Check-in Button for manual data 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
- **Audio Alert Reset Period:** user-defined (next alarm, 15min, 30min, 1hr, 2hr, 3hr, 4hr)
- **Configuration:** Primex Device Configuration software
- **Secure Data Wipe:** factory reset function
- **Stored Reading Capacity:** 4096 readings
- **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:

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