

OneVue Sense™ Temperature & Humidity Sensor



Take the sweat out of temperature and humidity monitoring to create a safer, more comfortable environment for patients, staff, and visitors. These intelligent sensors feature enhanced Wi-Fi communication and authentication protocols that meet today's stringent IT security policies and eliminate the need for manual monitoring and data logging. When paired with our cloud-based OneVue® software, these sensors provide assurance that the temperature and humidity levels throughout your facility are kept within range to protect the comfort and safety of patients and staff.

More Functionality in a Sleek Design

OneVue Sense Temperature and Humidity Sensors take automated indoor air quality monitoring to the next level. Wi-Fi encryption protocols, secure network connections, and flexible logging and reporting options ensure the security and integrity of your data transfers with minimal load on your IT network. Your monitoring data is captured seamlessly with the OneVue software, allowing you to maintain complete documentation, generate comprehensive reports, and meet regulatory compliance requirements. When out-of-range conditions are detected, the sensor issues audible and visual alarms and immediately reports to the OneVue software to initiate a text message, phone call, or email alert to the appropriate person.



OneVue Sense Temperature and Humidity Sensor

SENSORS

PART NO.	DESCRIPTION
421-000002	Temperature and Humidity Sensor, 120V, Configured, Wi-Fi Model, Includes Programming Cable, Batteries and AC power adapter. Requires OneVue Service and Support plan.

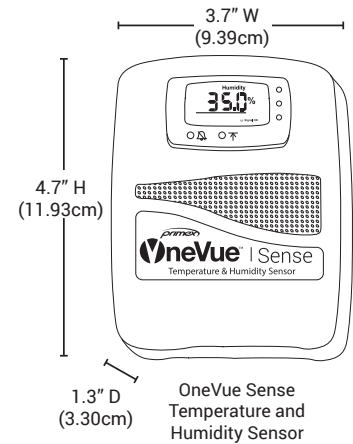
ACCESSORIES

PART NO.	DESCRIPTION
400-000082	Sensor Power Supply 5 VDC (1 A max) power supply.
400-000078	Power Cord Extension (2 meter), sensors Extension cable for Sense power supply, 2 meter (~ 6 feet) length. USB mini to USB mini.
400-000080	Sensor Battery Pack 3.0v Energizer L91-FR6 3.0V Battery Pack (2 AA batteries in single pack).



FEATURES

- Audible (optional) and visual local alarms and text message, phone call, and/or email alerts are initiated as soon as conditions stray out of custom-programmed ranges.
- LCD display shows temperature/humidity readings and sensor diagnostics at the device.
- Available with two power options: Battery or AC with backup batteries to protect data in case of power loss.
- FDA-registered, 21 CFR Part 11-compliant.



SPECIFICATIONS

- **Ambient Temperature Range:** 32°F to 122°F (0°C - 50°C)
- **Ambient Temperature Accuracy:** ± 1.0°F (+/-0.5°C) between 32°F and 122°F (0°C and 50°C)
- **Humidity Range:** 0% to 100% RH
- **Humidity Accuracy:** ± 3% RH for range of 20% to 80% RH, ± 5% outside of range

CERTIFICATIONS

- FDA-registered, 21 CFR Part 11-compliant
- FCC, CE, and IC-compliant

POWER

- **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
- **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

WIRELESS & NETWORK COMMUNICATION

- **Wireless Networking Protocols:** 802.11b, 11g, 2.4 GHz
- **Authentication Protocols:** EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-VO-MSCHAP, PEAP-V1-GTC
- **Encryption Protocols:** WEP, WPA, WPA2 (AES and TKIP)
- **Network Communication Protocols:** Hypertext Transfer Protocol Secure (HTTPS)
- **IP Addressing:** Dynamic Host Configuration Protocol (DHCP), static IP addressing
- **Data Packet Size:** typically less than 5 kilobytes (kB)

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
- **LCD display measures:** 0.75" H x 1.38" W (1.90cm x 3.50cm)
- **LED Status Indicator:** green, yellow, red
- **Two User Buttons:** Local Alarm Silence Button, and Check-in Button
- **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:** 4,096 readings
- **User Defined Logging Interval:** 15min, 20min, 30min, 1hr, 2hr, 4hr, 8hr, 12hr
- **User Defined Reporting Interval:** 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

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