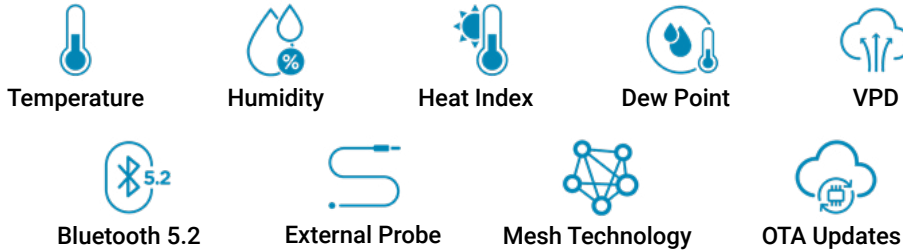


NEO-1DP Wireless Temperature and Humidity Sensor with Display and Probe

NEO-1DP is a sensor and a data logger with a display and non-submersible probe that can wirelessly monitor temperature, humidity, VPD, Heat Index, Dew Points for up to 3+ years on battery power and send security alerts.



This BLE sensor boasts high precision sensors with an accuracy of $\pm 0.2^{\circ}\text{C}$ for temperature, ensuring reliable data. It is capable of storing over 100K data points, equivalent to one month of sensor data at 1-minute intervals. Users can customize time intervals, set real-time alerts, review historical data, and generate compliance reports.

NEO-1DP shows current measurements and historical data for the past 24 hours on the e-ink display. In addition it delivers accurate, comprehensive logs sent directly to your smartphone or accessible via the iMatrix Cloud.

With its compact size (3.19 x 1.77 x 0.87 in / 81 x 45 x 22 mm), stainless steel non-submersible 1.38 in (3.5 cm) probe with 39 in (99 cm) cable and IP66 waterproof rating, it is perfect for monitoring climate-sensitive environments where the base units are mounted outside a freezer or harsh environment, protecting the screen and extending battery life.

Key Features

- Get 24 hours a day monitoring with real-time alerts, logs, and reports
- Connect to iMatrix Cloud for World Wide Access
- Manage multiple sensors in multiple locations
- Set and receive alerts directly to smartphone or optionally use the Wi-Fi Micro Gateway (sold separately)
- Organize thousands of sensors with multiple groups & locations
- Upload sensor data to the iMatrix Cloud automatically in real-time with iMatrix SensorMonitor Smartphone App
- Setup sensors in one step – scan QR code with App and you're monitoring



Overview

- Temperature -4°F to 140°F (-25°C to 60°C) ($\pm 0.2^{\circ}\text{C}$)
- Humidity 0% to 100%
- Bluetooth (BLE) 5.2
- Range 100 meters / 330 feet
- Stores 100,000+ data points
- Dimensions 3.19 x 1.77 x 0.87 in (81 x 45 x 22 mm)
- Weight 2.13 oz (60.5 grams)
- Probe 1.38 in (3.5 cm) & probe cable 39 in (99 cm)
- IP66 waterproof rating
- E-ink display screen
- Battery life up to 3 years
- Powered by ER14250 battery (1200 mAh)
- FCC,CE,QDID/EPL



Get NEO-1DP at:

<https://imatrixsys.com/neo-1dp/>

Ordering part number: NEO-1DP



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iMatrix Cloud

