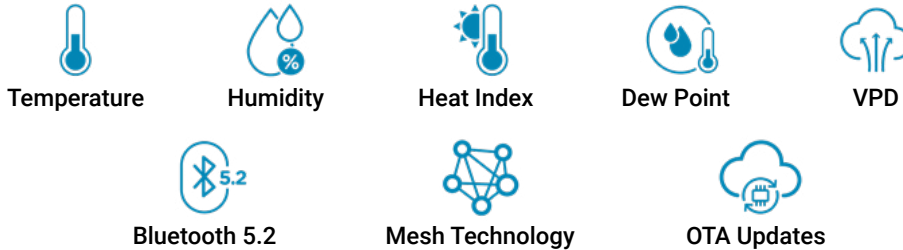# NEO-1 Wireless Temperature and Humidity Sensor

NEO-1 is a sensor and a data logger that can wirelessly monitor temperature, humidity, VPD, Heat Index, Dew Points for up to 3+ years on battery power and send security alerts to your smartphone and the iMatrix Cloud.

Temperature	Humidity	Heat Index	Dew Point	VPD

Bluetooth 5.2	Mesh Technology	OTA Updates

This BLE sensor boasts high precision sensors with an accuracy of ±0.3°C for temperature and ±3% for humidity, 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.

The iMatrix NEO-1 temperature and humidity sensor delivers accurate, comprehensive logs sent directly to your smartphone or accessible via the iMatrix Cloud. This sensor offers an exceptional solution for monitoring climate-sensitive environments.

With its compact size (2.78 x 1.5 x 0.7 in / 70.6 x 38 x 17.8 mm), lightweight design (1.34 oz / 38 grams), and IP66 waterproof rating, it is perfect for monitoring cold chain shipments, refrigeration systems, greenhouses, RVs, wine cellars, cigars, musical instruments, and pharmaceuticals.

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 -40°F to 158°F (-40°C to 70°C) (+/- 0.3°C)
- Humidity 0% to 100% (+/- 3%)
- Bluetooth (BLE) 5.2
- Range 100 meters / 330 feet
- Stores 100,000+ data points
- Dimensions 2.78 x 1.5 x 0.7 in (70.6 x 38 x 17.8 mm)
- Weight 1.34 oz (38 grams)
- IP66 waterproof rating
- Battery life up to 3 years
- Powered by 2 Lithium AAA batteries (1100 mAh)
- FCC,CE,QDID/EPL

Download on the **App Store**

GET IT ON **Google Play**

iMatrix Cloud

Get NEO-1 at:
https://imatrixsys.com/neo-1/
Ordering part number: **NEO-1**