



Environmental Monitoring

Home air quality is can be seamlessly monitored using N5's revolutionary sensors.

Blue – N5's environmental sensing nodes built using these sensors can measure typical indoor air pollutants

Air Quality for Homes and Offices

Air quality in homes and indoor spaces can substantially degrade due to many different reasons - remodeling, use of cleaning products, mold, poor ventilation, etc.

Using N5's Sensors and Blue Nodes you can track and monitor different species inside your home and keep your family safe.



Typical Indoor Air Pollutants

<i>Carbon Dioxide (CO₂)</i>	CO ₂ is the most common greenhouse gas and produced by a variety of sources including breathing. A poorly ventilated room will have a high CO ₂ concentration. Symptoms of overexposure can include headache, loss of concentration.
<i>Carbon Monoxide (CO)</i>	Carbon Monoxide is a colorless, odorless gas produced whenever fuel is burned – including by furnaces and cars. A buildup of CO in your home can be fatal if no one is alerted. Symptoms include headache, dizziness, confusion and death at high concentrations
<i>Volatile Organic Compounds (VOCs)</i>	VOCs enter the air from a variety of sources, including cleaning products, paints, beauty products, or mold. Exposure can lead to a condition called Sick Building Syndrome (SBS.) Increased exposure to VOCs can lead to respiratory problems, and some may be cancerous.

Personal Outdoor Air Quality

Common outdoor pollutants such as NO_x, SO_x, and Ozone are known triggers for various respiratory illnesses.

Breathing in outdoor air pollutants is a real hazard happening to most of us on a daily basis. N5's sensor can monitor personal exposure to these pollutants, when used in wearable technology



Typical Outdoor Air Pollutants

<i>Nitrogen and Sulfur Oxides (NO_x and SO_x) Ozone (O₃)</i>	<i>Outdoor air pollution is caused by sources such as emissions from motor vehicles and industrial facilities. Poor outdoor air quality can trigger respiratory conditions, including asthma</i>
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