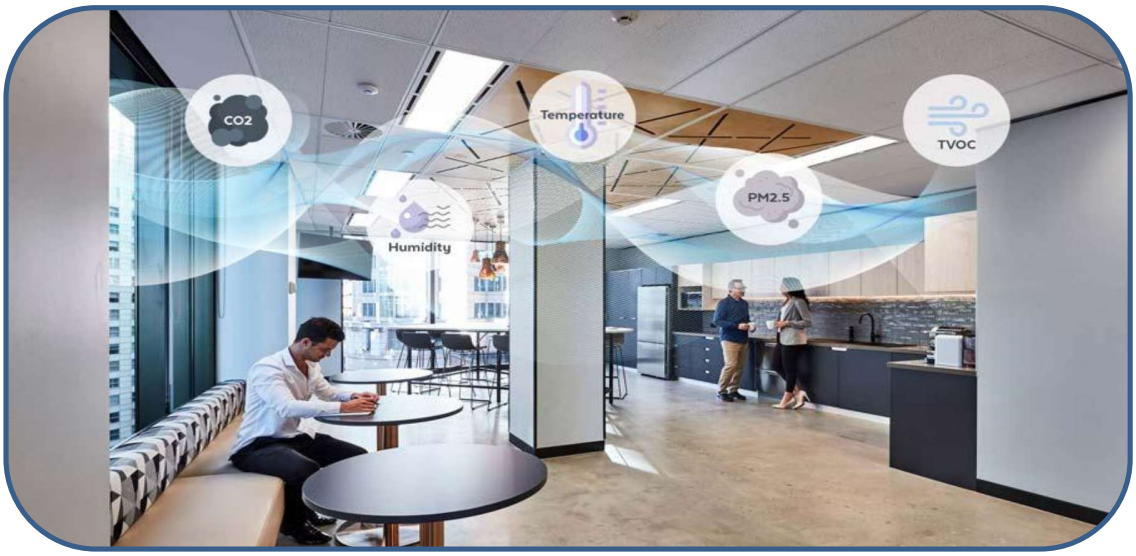
OLUS Smart Environmental Monitoring Solutions

Smart Monitors for CO2, Temperature, Humidity, VOCs and PM Particles

In today's fast-paced world, maintaining a healthy indoor environment is more important than ever. Our advanced monitors provide precise data on CO2 levels, PPM, temperature, humidity, and VOCs, giving you the insights needed to ensure clean and safe air for both homes and industrial spaces. Whether you're safeguarding your family or maintaining optimal conditions in a workplace, our technology empowers you to create healthier environments for everyone.



Why Our Monitor Stand Out

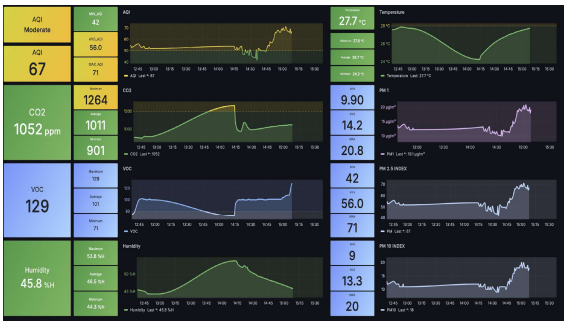
- Comprehensive Monitoring: Track multiple air quality parameters in real-time to get a holistic view of your indoor environment.
- Advanced Sensor Technology: Each monitor is equipped with state-of-the-art sensors augmented with AI algorithm that provide accurate and reliable readings.
- Intuitive User Interface: Our user-friendly displays and mobile app integration make it easy to access data, receive alerts, and visualize trends at your fingertips.
- Smart Connectivity: Seamlessly sync your monitor with smartphones and other smart devices for remote monitoring and notifications, keeping you informed wherever you are.
- Data Logging & Analytics: Securely log data with AES encryption up to 5 years and more to identify patterns and trends, gaining actionable insights

Indoor Air Quality Monitor (with 4G/2G , Wi-Fi)

Designed for robust performance, this Indoor Air Quality Monitor ensures seamless independent connectivity to the IoT platform through built-in 2G/4G cellular technology, making it ideal for locations where WiFi is unreliable. The device effectively measures critical environmental parameters, including CO2, particulate matter (PM1, PM2.5, PM10), temperature, humidity, and VOCs, using intelligent index-based sensing. With an appealing rugged enclosure, this monitor is built to withstand diverse environments while providing reliable long-term data logging and time-series analysis for up to 5 years.

Features:

- **4G/2G cellular connectivity** for reliable data transmission, even in low WiFi areas
- **Comprehensive air quality tracking** for CO2, PM1, PM2.5, and PM10
- **Temperature and humidity sensors** for complete environmental monitoring
- **AIoT based VOC index-based sensing** to detect harmful gases
- **Integration with an IoT platform** for centralized remote access
- **Time-series data queries** for analyzing historical trends
- **Data logging capacity** of up to 5 years
- **Rugged enclosure** designed for durability in various conditions
- **2.8 inches** TFT display.
- Additional sensors/parameters can be added/customized as needed



Technical Specifications:

- **CO2 measurement range**: Up to 40,000 ppm
- **PM measurement range**: PM1, PM2.5, PM10
- **Temp measurement range**: -10°C to 60°C, 15°C -35 °C accuracy ±0.7°C
- **Humidity measurement range**: 0%RH to 100%RH, 25°C (30-70 %RH) accuracy ±6%RH
- **Data storage**: Up to 5 years
- **Power supply**: 12 V DC Adaptor.
- **Operating temperature**: -10°C to 60°C
- **Lifetime**: >10 years (typical usage)

This rugged, cellular-based solution ensures continuous air quality monitoring, making it perfect for diverse settings that require reliable performance and independence from traditional WiFi networks.