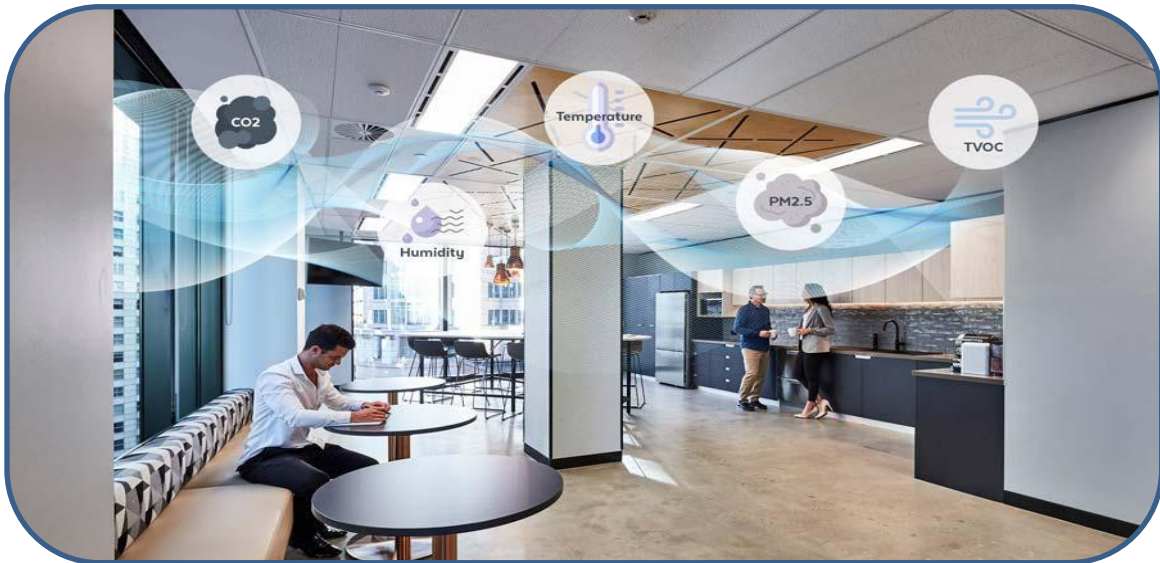


OLUS Smart Environmental Monitoring Solutions

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)

This Indoor Air Quality Monitor delivers reliable performance in tough environments, featuring built-in 2G/4G connectivity for seamless IoT integration, even in areas with limited WiFi. Utilizing advanced sensor technology from a world-leading brand, it accurately measures CO₂, particulate matter (PM₁, PM_{2.5}, PM₁₀), temperature, humidity, and VOCs through AI/ML algo based index sensing. Encased in a robust, durable design, the monitor ensures continuous environmental monitoring with long-term data logging and time-series analysis capabilities 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, PM_{2.5}, and PM₁₀
- Temperature and humidity sensors for complete environmental monitoring
- AI/ML algo. based VOC index sensing to detect harmful gases
- Integration with an IoT platform/WebApp 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



Technical Specifications:

- CO₂ measurement range: Up to 40,000 ppm
- PM measurement range: PM₁, PM_{2.5}, PM₁₀
- Temperature 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.