



Air Quality Monitoring

Measures a wide range of air quality parameters that affect occupant health such as CO₂, particulate matter and toxic gases. Assures a healthy indoor environment. Provides real time data that can be used to engage with employees or tenants as well as to optimize the air conditioning or air circulation system.

Use Cases

Monitor indoor air quality in **offices, shopping malls, childcare centres, aged care homes, educational campuses** and other areas where people work.

Monitor air quality in **laboratories, central kitchens and industrial manufacturing plants** to ensure compliance with environmental health and safety standards.

Monitor **toilet** cleanliness to optimize cleaning schedules.

Control ventilation and get early warnings for **air filter maintenance** to optimize air quality parameters.

Types of Sensors Used


- Particulate Matter - PM2.5, PM10
- Gases – O₂, CO, CO₂, TVOC, HCHO, Ammonia
- Wireless Communication option
- Individual or all in one sensors available

Installation


- Installs in hours. Fast and easy installation with wireless option
- Cost effective solution for real time air quality monitoring
- Self powered option available for Temperature, Humidity and CO₂


Key Features


 **Real Time Air Quality Dashboards** provide overview of air quality across different locations from a single app

 **Alarm Module** for detection and notification of poor air quality. Get instant notifications when air quality deteriorates.

 **Smart optimization of HVAC systems** using air quality data.

 **Public Dashboards** display air quality data on large screens to engage tenants, employees or occupants with real time air quality data

 **Reporting Module** to schedule and automate report generation using standard air quality reporting templates. Custom Templates can also be developed.

 **Data Analytics** provide insights about air quality trends and enable action to be taken to improve occupant health

Mobile + Web Access

- **Mobile App** for 24/7, 365 access to air quality data from different locations
- **Web Application** provides real time air quality information from multiple buildings, offices or plants to a centralized command centre.

Green Koncepts Pte Ltd
750C Chai Chee Road #03-15,
ESR BizPark @ Chai Chee
Singapore 469003
T: +65 6245 9332
F: +65 6245 9319
E: info@greenkoncepts.com