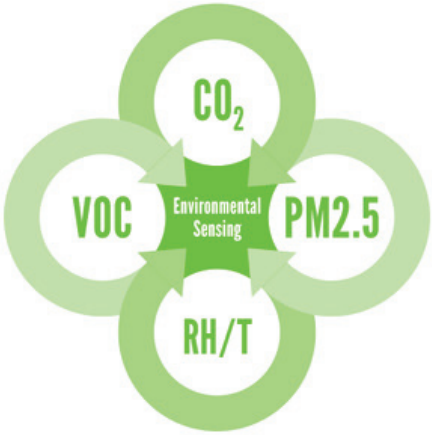
Air Quality Monitoring Solution



Overview

Poor air quality poses a health risk, especially for children, older adults, and individuals with heart disease, asthma or other respiratory ailments.

Avnet smart air quality monitoring system allows efficient tracking of indoor air quality. Users are kept in the loop with alerts on abnormal situations detected sent from the cloud portal via methods such as email and SMS. The system also improves long-term monitoring by making associations between air quality and equipments working in the same environment, thereby identifying the root cause for abnormal air quality levels.

Features

- Air quality monitoring
- CO_2, TVOC and various gas sensors can be integrated into the platform
- Provide alert when air quality reach abnormal level
- Provide an on-the fly cloud portal for real time monitoring
- Historical record can be used for long term analysis
- Send alert via email, SMS to inform user on the abnormal situation

Systems

- Indoor air quality monitoring module
- NB-IoT module

Target Applications

- Environmental sensoring
- Smart office
- Smart building