WatchNET IoT

Connect Any Thing, Connect Any Where

Monitor using IoT

IAQ - Internal Air Quality

Ai WatchNET®

INDOOR AIR QUALITY MONITORS FOR IAQ MEASUREMENT

- Our Indoor Air Quality (IAQ) monitoring sensors are used widely in indoor and industrial environments to measure common air pollutants, in some cases with PPB level detection

- IAQ is known to affect the health, comfort and well-being of the building occupants

- Perfect air quality has been linked to Reduction in Sick Building Syndrome symptoms, Absenteeism, Upliftment of the Mood of occupants, Improvement in Concentration, Organic Motivation, Enhanced Performance & Increased Productivity

- IAQ can be affected by gases (including carbon monoxide, radon, volatile organic compounds), particulates, microbial contaminants (Mold, Bacteria), or any mass or energy stressor that can induce adverse health conditions • Source control, filtration and the use of ventilation to dilute contaminants are the primary methods for improving indoor air quality in most buildings

- IAQ is used to measure Temperature, Humidity, Pressure, TVOC, PM2.5, PM4, PM10, CO_2, etc.

Improves your health and productivity Measurable Key Metrics

The Effort for Sustaining Clean air indoors results with

Reduction in Sick Building Syndrome symptoms & absenteeism

Upliftment in the Mood of the Occupants

Improvement in Concentration

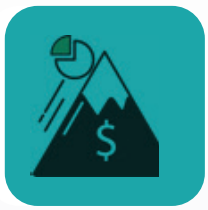
Organic Motivation

Enhanced Performance

Increased Productivity

Monitor IAQ & overcome HVAC challenges with IoT

Reduce energy & operational costs



Increase revenues by creating a safe indoor environment

Increase performance and productivity

Reinforce brand equity by investing in public health

Measure it

Wireless, Easy Installation, Over-the-air updates

See it

Mobile APP, Web Dashboard, Alarms, SMS, email & APP notifications

Analyze it

Predict the future, Analyze lot of Data, Observe Patterns, Abnormalities and Feedback

Intuitive Reporting

Generates customizable reports based on device groups, time, areas, devices, attributes, alarm events and so on. Easy to also trace out an event

Breathe Clean Air Everywhere - Workplace, Shopping Mall and so on.

Increase indoor air quality, avoid performance loss

We are now back in the office and so it is important to create a healthy workplace environment more than ever.

By increasing the indoor air quality we can avoid low performances in workplaces, place educational institutions, shopping malls, hotels and so on.

Discover beyond HVAC and enjoy the result.

- People spend 90% of their time indoors, especially in their workplaces. Investing in clean and healthy air in offices and the well-being of your employees means investing in performance. There is much more to do than only air conditioning and heat to ensure air quality

- When particulate matter (PM), humidity, CO_2, volatile organic compounds (VOCs) in the indoor air are not measured and taken under control, you cannot reach the desired individual business outcome levels

- A research study focusing on IEQ of green and conventional buildings shows that in green buildings the cognitive performance of the occupants was 61% better than those with lower CO_2 and VOC levels

- Improved IAQ increases productivity and improves the performance of mental tasks

- Students scores are 15% higher in better-ventilated environment when compared with those in lower ventilation rates

- Long-time exposure to high levels of CO_2 may cause nausea, dizziness, headaches and other symptoms

MEASURABLE KEY METRICS

Wireless Temperature and Humidity Sensor

Temperature and humidity of the room or workplaces, education, shopping mall, hotel facility at different points.

This commercial-grade temperature and humidity sensor can be used to monitor the temperature and humidity of a low-temperature environment and notify personnel by SMS, email or phone call through the hosted web platform when and if the values go out of the optimal range.

This sensor is rugged and IP65 rated for a humid and moist environment. This device has a magnetic back panel that can be mounted on any metal surface.

WLRC-S17

Wireless CO_2 / Temperature / Humidity Sensor

This wireless CO_2 (carbon dioxide) detector makes it ideal to install in public places, greenhouses, gym, etc.

A proper CO_2 measuring device is integral to a good facility safety system, as it gives a real-time CO_2 measure and alarm to protect your employees from dangerous gases in the work area.

WLRI-S41

MEASURABLE KEY METRICS

Wireless Carbon Monoxide Detector (CO)

This is an Investigative Device used for monitoring the presence of carbon monoxide in any enclosed area.

This device can detect carbon monoxide and send data to the cloud platform for investigative purpose and/or notification.

WLRC-IDCO

Wireless PM2.5/ Temperature/ Humidity Sensor

This air quality sensor can pick up airborne particles in the air such as dust up to PM2.5. It also has a built-in temperature and humidity sensor and is ideal for any environment where air quality monitoring is required.

WLRI-S24M

Internal Air quality monitoring using IoT

Indoor Air Quality Sensors

Temperature & Humidity	WLRC-S17
CO_2 / Temp / Humidity	WLRI-S41
Carbon Monoxide	WLRC-IDCO
Atmospheric Air Pressure	WLRC- S49C
pH	WLRI-S23
Nitric Oxide Sensor	WLRC-S50
TVOC Detection	WLRC-S49E
Air Pressure & Temperature	WLRC-S49C
Sulphur Dioxide	WLRC-S54
Hydrogen Sulfide	WLRC-S52
Nitrogen Oxide	WLRC-S53
Carbon Dioxide Detector	WLRI-S41

WatchNET®
SECURITY SINCE 2000

20 YEARS

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