



# Data Centre Monitoring INDOOR AIR QUALITY MONITOR



## RELIABLE, STABLE, ENHANCED

Conducts automatic health of all sensors daily and sends reminders when any sensor requires a replacement



## WIRELESS CONNECTIVITY

Easily connects to any WI-Fi network to transmit data to the cloud server. Also capable of bluetooth connectivity with any smart device for initial network setup

Your data centre never sleeps! It must be successfully protected from corrosion, moisture, temperature fluctuations and most importantly - dust. Data centers must also adhere to certain limits for specific chemical active substances such as SO<sub>2</sub>, H<sub>2</sub>S, CL<sub>2</sub>, HCL, HF, NH<sub>3</sub>, O<sub>3</sub>, and NO<sub>2</sub> in accordance to IEC 60721-3 Class 3 C1. Therefore, the right tools must be utilized to regulate your air quality.

You need an air quality monitor that works as hard as your data centre.

AQSafe monitors your indoor air quality and can be equipped with up to 5 sensors from over 100 sensors available including dust (PM1, 2.5, and 10), noise, radiation, and monitors temperature and humidity.

However, for data centres, we would recommend the following sensors:

<b>PM2.5 PM10</b> DUST	<b>Cl<sub>2</sub></b> CHLORINE GAS	<b>SO<sub>2</sub></b> SULPHUR DIOXIDE	<b>O<sub>3</sub></b> OZONE	<b>NO<sub>2</sub></b> NITROGEN DIOXIDE
<b>TEMPERATURE</b>			<b>RELATIVE HUMIDITY</b>	

## TINY, SAFE, AND EASY TO INSTALL!

Weighing at 860g and measuring at 220x200x50.5mm, the AQSafe can be installed just about anywhere! Simply mount it to the wall and connect the power to any 120-240v outlet. AQSafe can be equipped with up to 5 sensors out of a possible 100.

## STATE OF THE ART ALARM AND COMMUNICATION SYSTEMS!

With the AQSafe, you can easily program alarm levels for each pollutant. A Higher alarm level can be set for an audible local alarm. The built in LCD and colour-coded LEDs provide feedback on system status and ambient AQ levels. Equipped with SMS and email, you will always know what's in your facility's air, from anywhere!



## CLOUD BASED MONITORING

Monitor sensor readings and checks the health of each unit from the easy to use cloud based software