

RoomAlyzer CO2

Monitor CO2, temperature, and humidity.

The CO2 Sensor reliably monitors CO2 levels, temperature, humidity, and pressure, providing you with a comprehensive overview of the air quality in your rooms. With just one device, you receive precise data that contributes to a healthier and more comfortable indoor climate.

The sensor is wireless and transmits the data to the RoomAlyzer System, which you access through an app on PC, mobile, or tablet. Here, you will find user-friendly charts and can set up alarms. You can analyse raw data as well as receive automatic reports – even for other users.



Taking care of people and valuable items



Create a comfortable indoor climate in the office

CO2 data helps you optimise your building systems. By controlling CO2 levels, you improve the well-being in offices and meeting rooms. At the same time, you save heating costs by only using the necessary heat and reduce the risk of infection by regulating humidity levels.



Reduce absenteeism among teachers and students

Create a learning environment where students feel comfortable and can absorb new information more easily. CO2 sensors help reduce sickness-related absenteeism – either through the optimisation of ventilation systems or through targeted ventilation.



Protect valuable items

Whether in exhibitions, archives, or heritage-listed buildings, sensor data allows you to provide the best possible protection for your items. The software offers both reports and alarms so that you can react promptly.

Features and Specifications

High data security

The CO2 Sensor sends data to the user-friendly RoomAlyzer System via a Cloud Connector with SIM card – completely without Wi-Fi. This means the sensors send data directly to the mobile network without accessing your local network.

You benefit from high data security as there are no interfaces to your other systems. Additionally, the data is non-personally identifiable, and our server park is located in Germany.

Features

Control software:	Webapp/App
Open API:	Data available on other platforms
IFTTT:	Notifications when threshold is exceeded
Temperature:	0 to +50°C
Humidity:	10% RH to 95% RH (non-condensing)
CO₂:	0 to 5000 ppm
Activation:	By removing the battery barrier
Application:	Indoor climate measurement in all building types
Sensor:	CE- and UKCA-certified

Specifications

Material/Colour:	Polycarbonate (PC)
Weight:	116 g
Dimensions:	95 × 66 × 25 mm
Communication:	Cloud Connector (Gateway) via SecureDataShot protocol
Mounting:	Peel-and-stick tape on the back
Accuracy:	Temperature ±1°C Humidity ±1% RH CO ₂ ±30 ppm (+3%)
Battery:	Up to 10 years (replaceable)
Manufacturer:	Disruptive Technologies