

## RoomAlyzer MINI+

# Easy installation, accurate climate data – and even longer battery life.

If you want to monitor your indoor climate, RoomAlyzer MINI+ is the ideal solution. The sensor measures temperature and humidity – and automatically calculates the risk of mould growth.

Compared to the RoomAlyzer MINI, the +version offers significantly extended battery life – up to 10 years – without compromising accuracy. In addition, the sensor has internal memory that stores up to 40,000 measurements.

RoomAlyzer MINI+ is 100% wireless and requires neither Wi-Fi nor a gateway. Simply place it, activate it – and start receiving data immediately. The information is easy to understand and helps optimise operations efficiently.



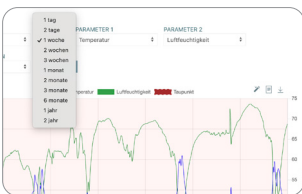
The sensor transmits its data directly via NB-IoT to the RoomAlyzer platform – with intuitive charts, reports, alerts, and automated reporting features.

## Three key strengths of RoomAlyzer MINI+:



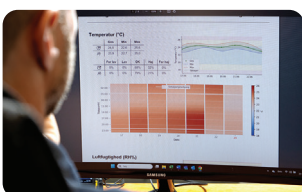
### Alerts and data around the clock

Email and SMS alerts protect valuable items in places like historical buildings, archives, and storage rooms. The sensor also monitors how quickly moisture damage dries out.



### Early warning with mould risk indicator

The built-in algorithm continuously monitors temperature and humidity to assess the risk of mould growth. If the risk increases, you'll automatically receive a warning.



### Graphs and automated reports

Get clear, easy-to-read graphs and reports – daily, weekly, or monthly. Data can be exported automatically and supplemented with weather information such as outdoor temperature and humidity.

# Features and Specifications

## High data security

RoomAlyzer MINI+ transmits data in the user-friendly RoomAlyzer system via NB-IoT (Narrowband Internet of Things) – without the need for Wi-Fi. This means that 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.

### Functions

<b>Control software:</b>	Web app / mobile app
<b>Open API:</b>	Data available on other platforms
<b>IFTTT:</b>	Notifications when thresholds are exceeded
<b>Temperature:</b>	-15 to +70 °C
<b>Humidity:</b>	0–99 % RH
<b>Activation:</b>	Via a button on the sensor
<b>Applications:</b>	Churches, archives, museums, storage rooms, cold rooms, toilets, halls, and more
<b>Sensor:</b>	Temperature + humidity
<b>Certification:</b>	CE certified

### Specifications

<b>Material/Colour:</b>	Plastic housing, white (ABS)
<b>Weight:</b>	130 g (including batteries)
<b>Dimensions:</b>	H124 x W60 x D26 mm
<b>Communication:</b>	NB-IoT
<b>Mounting:</b>	Screws or 3M adhesive pad
<b>Measurement accuracy:</b>	Temperature $\pm 0.1$ °C / Humidity $\pm 1$ % RH
<b>Battery:</b>	3x AA (up to 10 years battery life)

## RoomAlyzer FULL

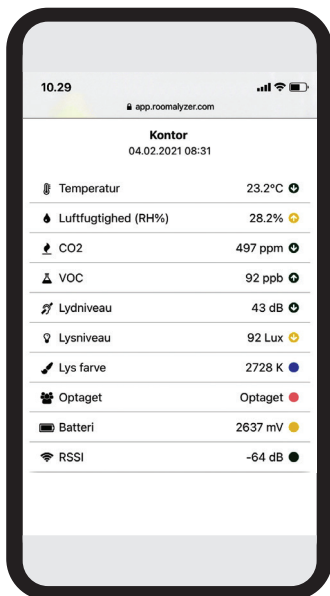
# Everything about your indoor climate – in one sensor.

RoomAlyzer FULL gives you the complete overview of your indoor climate and space usage. The sensor measures eight parameters: temperature, humidity, CO2, TVOC, noise level, light intensity, light colour, and presence (PIR) – and it also features a mould module.

The sensor is 100% wireless and does not require Wi-Fi or power. Simply place it in the desired location, activate it, and the measurement starts. RoomAlyzer FULL sends the data to the RoomAlyzer System, which you can access via an app on PC, mobile, or tablet. Here, you'll find intuitive charts and statistics, and you can set up alarms and automatic reports for yourself or others. You also have access to raw data.



## Everything about your indoor climate – the complete overview



### Handling climate complaints

Let the data from RoomAlyzer FULL guide you instead of relying on subjective impressions. Use the data for internal optimisation or involve users with targeted nudging to promote ventilation – including the ability to scan a QR code when relevant.

### Maximise efficiency for your indoor climate budget

Measure the temperature: For every degree you lower, you save CO2 and reduce heating costs by 5%. Keep an eye on energy usage, such as whether the lights are turned off when rooms are vacated – and get a clear overview of where your climate resources are best utilised.

### Boost your certifications – and check your systems

Points for e.g. DGNB: A single sensor captures temperature, humidity, CO2, TVOC, noise, and light, helping you achieve your DGNB certification. CTS/HVAC: Check the performance of your systems and document this with your supplier.

## Features and Specifications

### High data security

RoomAlyzer FULL sends data to the user-friendly RoomAlyzer System via NB-IoT (Narrow Band Internet of Things). This means that the sensors send data directly to the telecom masts without needing access to your Wi-Fi. This provides high data security as there are no interfaces to your other systems. The data is non-personally identifiable, and our server park is located in Germany.

#### Features

<b>Control software:</b>	Webapp/App
<b>Open API:</b>	Data available on other platforms
<b>IFTTT:</b>	Notifications when threshold is exceeded
<b>Temperature:</b>	+5 to +60°C
<b>Humidity:</b>	5% RH to 95% RH
<b>Activation:</b>	By magnet on the back of the sensor
<b>Application:</b>	Indoor climate, space usage, mould monitoring, and cleaning
<b>Sensor:</b>	Temperature + humidity + CO2 + TVOC + noise + light colour + light intensity + presence (PIR)
<b>Certification:</b>	CE-certified

#### Specifications

<b>Material/Colour:</b>	Cast white polyamide
<b>Weight:</b>	200 g (without batteries)
<b>Dimensions:</b>	H135 x W57 x D30 mm
<b>Communication:</b>	NB-IoT
<b>Mounting:</b>	Screws, Velcro, or 3M VHB
<b>Accuracy:</b>	Temperature $\pm 0.1^{\circ}\text{C}$ (at room temperature) Humidity $\pm 1\%$ RH (between 10% and 80% RH) CO2 $\pm 50$ ppm + 3%
<b>Battery:</b>	1.5 years battery life under normal operation (replaceable)
<b>Manufacturer:</b>	IoT Fabrikken

## RoomAlyzer MINI

### Easy installation, precise climate data.

If you want to measure room climate and usage, RoomAlyzer MINI is the ideal solution. The sensor measures temperature, humidity, mould risk, and presence (PIR). It is 100% wireless and does not require Wi-Fi or a gateway. Simply place it, activate it, and start receiving data immediately. The information is easy to understand and helps optimise operations efficiently.

RoomAlyzer MINI is part of the RoomAlyzer System, which you can access via an app on PC, mobile, or tablet. Here, you'll find intuitive charts and reports, and you can set up alarms or automatic reports for yourself and others. You also always have access to raw data.



### Simple data that optimise indoor air and space



#### Alarms and data around the clock

Email and SMS alerts protect valuable items in historical buildings, archives, or warehouses. The sensor also helps detect water damage early and monitors how quickly moisture damage dries out.



#### Optimising meeting rooms

Visualise when rooms are in use or available. Let meetings be automatically cancelled if participants do not show up, ensuring better space utilisation. Integration with booking systems enables efficient management.



#### Clean only the used rooms

Cleaning schedules can be optimised based on actual usage. Heatmaps and lists assist cleaners and facilitate planning. By remotely monitoring areas like toilets, service trips can be optimised, ensuring they are only carried out when necessary.

# Features and Specifications

## High data security

RoomAlyzer MINI sends data to the user-friendly RoomAlyzer System via NB-IoT (Narrow Band Internet of Things). This means that the sensors send data directly to the telecom masts without relying on your Wi-Fi. This ensures a high level of data security, as there are no interfaces to your other systems. Furthermore, the data is non-personally identifiable, and our server park is located in Germany.

### Features

<b>Control software:</b>	Webapp/App
<b>Open API:</b>	Data available on other platforms
<b>IFTTT:</b>	Notifications when threshold is exceeded
<b>Temperature:</b>	-20 til +60°C
<b>Humidity:</b>	5% RH to 95% RH
<b>Activation:</b>	By magnet on the sensor's back
<b>Application:</b>	Damage management, toilets, cold/freezing storage, halls, transport, showcases, archives, churches, and more
<b>Sensor:</b>	Temperature + humidity + presence (PIR)
<b>Certification:</b>	CE-certified

### Specifications

<b>Material/colour:</b>	Cast white polyamide
<b>Weight:</b>	120 g (including battery)
<b>Dimensions:</b>	H73 x W77 x D33 mm
<b>Communication:</b>	NB-IoT
<b>Mounting:</b>	Screws, Velcro, or 3M VHB
<b>Accuracy:</b>	Temperature $\pm 0.1^{\circ}\text{C}$ (at room temperature), Humidity $\pm 1\%$ RH (between 10 and 80% RH)
<b>Battery:</b>	4 years battery life under normal operation, 10+ years with 1 measurement per hour (replaceable)
<b>Manufacturer:</b>	IoT Fabrikken

## 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

<b>Control software:</b>	Webapp/App
<b>Open API:</b>	Data available on other platforms
<b>IFTTT:</b>	Notifications when threshold is exceeded
<b>Temperature:</b>	0 to +50°C
<b>Humidity:</b>	10% RH to 95% RH (non-condensing)
<b>CO<sub>2</sub>:</b>	0 to 5000 ppm
<b>Activation:</b>	By removing the battery barrier
<b>Application:</b>	Indoor climate measurement in all building types
<b>Sensor:</b>	CE- and UKCA-certified

#### Specifications

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

## Measure temperature and humidity discreetly.

Our Humidity sensors are designed for anyone who wants to capture temperature and humidity data easily and discreetly. The sensors are wireless, weigh less than 10 grams, and measure just 39 × 23 mm. They are simply placed at the desired measurement point. The data is transmitted via a Cloud Connector, which can manage numerous sensors and large areas simultaneously.

Humidity sensors have a battery life of up to 15 years and are part of the RoomAlyzer System, which you can access through an app on PC, mobile, or tablet.



The system provides a simple and quick overview of the measurements in clear charts. You can receive climate alerts via email or SMS, work with raw data, or receive automatic reports – also for other users.

### What is the MICRO Humidity sensor used for?



#### Discrete measurements in showcases and exhibitions

Measures temperature and humidity in showcases and exhibition areas without compromising the aesthetic appearance, while providing full control over the climatic conditions.



#### Monitoring of storage, cooling, and freezing

Monitors cooling and freezing units to prevent spoilage of goods, medications, and other temperature-sensitive products. In combination with RoomAlyzer MINI, it can also monitor transportation in refrigerated vehicles.

## Features and Specifications

### High data security

The Humidity 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 needing to access 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

<b>Control software:</b>	Webapp/App
<b>Open API:</b>	Data available on other platforms
<b>IFTTT:</b>	Notifications when threshold is exceeded
<b>Temperature:</b>	-40 to +85°C
<b>Humidity:</b>	0 to 100% RH
<b>Activation:</b>	By removing the battery barrier
<b>Application:</b>	Indoor climate measurement everywhere, including in cooling areas
<b>Sensor:</b>	Temperature and humidity measurement
<b>Certification:</b>	CE-, UKCA- and WEEE-certified

#### Specifications

<b>Material/Colour:</b>	Polycarbonate (PC)
<b>Weight:</b>	9,3 g
<b>Dimensions:</b>	H39 x W23 x D12 mm
<b>Communication:</b>	Cloud Connector (Gateway) via SecureDataShot protocol
<b>Mounting:</b>	Peel-and-stick tape on the back
<b>Accuracy:</b>	Temperature $\pm 0.1^{\circ}\text{C}$ (at room temperature) Humidity $\pm 1\%$ RH (between 0 and 90% RH at room temperature)
<b>Battery:</b>	Up to 15 years lifespan under normal operation
<b>Battery type:</b>	BR1632A (replaceable)
<b>Manufacturer:</b>	Disruptive Technologies