

RoomAlyzer FULL

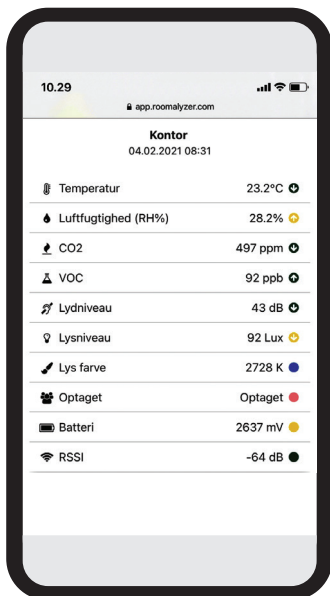
Everything about your indoor climate – in one sensor.

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

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

Specifications

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

RoomAlyzer MINI

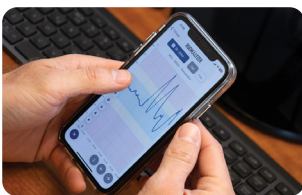
Easy installation, precise climate data.

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

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

Specifications

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