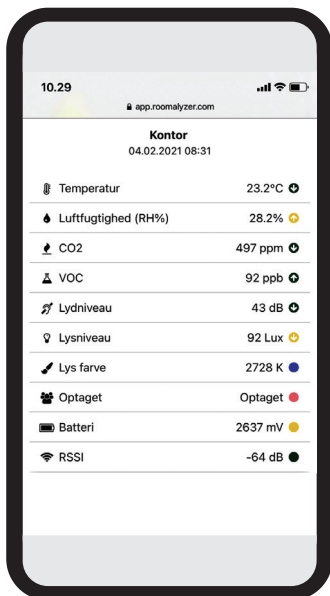## RoomAlyzer FULL

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 ±0.1°C (at room temperature) Humidity ±1% RH (between 10% and 80% RH) CO2 ±50 ppm + 3%
Battery:	1.5 years battery life under normal operation (replaceable)
Manufacturer:	IoT Fabrikken