

RoomAlyzer Air: Mini+ sensor



Everything you need to know about your indoor climate in a single sensor – with a long battery life.

The Mini+ Sensor is the ideal solution for precisely monitoring the most critical parameters of your indoor climate without unnecessary complexity. Designed for professional use, it combines robust hardware with the intelligent RoomAlyzer platform.

The system transforms measured values into concrete analyses that support you in optimising energy consumption, ensure the wellbeing of users, and proactively prevent moisture damage to buildings and assets. The Mini+ operates 100% wirelessly and transmits data via a closed, secure network – completely independently of your local IT infrastructure.

Mini+ sensor



Measurement of temperature
and humidity



Compact indoor climate sensor
Dimensions: H124 x W60 x D26 mm

Your three core benefits:

- **Quick and easy commissioning:** The Mini+ lightens your daily workload. Simply place it, activate it with a single press of a button, and it immediately starts sending data to your app or browser. This is the fastest way on the market to obtain reliable facts about your properties.
- **Fact-based documentation of the indoor climate:** With the Mini+, you receive precise temperature and humidity data. The sensor's high-end measuring component guarantees the highest precision and first-class long-term stability. Thanks to extremely low drift, ongoing calibration is practically unnecessary. This allows you to create an objective basis for negotiation with facts documented in black and white.
- **Precise energy optimisation:** Since the sensor requires neither Wi-Fi nor a power supply, you can effortlessly record the temperature in all rooms. This pays off directly: reducing the room temperature by just one degree lowers your heating costs by 5%. The Mini+ provides you with the overview you need to document your savings in black and white.

RoomAlyzer: The intelligent brain behind your sensors

Our platform transforms measured values into active property protection, wellbeing, and safety. We combine years of experience with intelligent algorithms that secure your operations and preserve value.



Damage prevention across your entire building portfolio:

Automatic notifications via email and SMS inform you or your team immediately as soon as limit values are exceeded. The platform provides a complete overview of numerous locations and buildings simultaneously.



Detect mould before it becomes a problem:

Our mould forecast warns you immediately if the indoor climate is conducive to mould growth. Following an incident, the platform supports you in monitoring the entire drying process with audit-proof documentation.



Automatic documentation and AI:

RoomAlyzer delivers data in the required format. The system learns from your buildings and helps you make your operations smarter and more cost-effective.

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Your benefits from a simple and secure system:

Function	RoomAlyzer-advantage	Your benefit
Communication	NB-IoT: Direct cellular connection. Requires neither Wi-Fi nor gateways.	Simple installation and a stable signal – even through thick walls and in basements.
Operation	Up to 10 years of battery life.	Stable operation with minimal maintenance requirements and low operating costs.
Measurements	Precise and continuous monitoring of your indoor climate.	Audit-proof documentation for staff, management, and authorities.
System integration	Open REST API, webhooks, and MCP for AI agents.	Future-proof solution that communicates with your other IT systems.
Data security	Full end-to-end encryption (AES-128) and 100% EU-based data hosting.	Ensures full data ownership and simplifies your risk analysis with regard to NIS2.
Personal data & GDPR	Exclusively technical measurement data without personally identifiable information.	Minimal administrative effort, as complex GDPR requirements do not apply to the measurements.



Technical Specifications:

Sensors: Temperature and humidity
Measuring range: Temperature: -15 to +70°C / Humidity: 0–99% RH
Operating range: -35°C to +70°C
Precision: Temperature ±0.1°C / Humidity ±1% RH
Long-term drift: Temperature <0.03°C/year / Humidity <0.20%/year (under normal conditions)
Communication: NB-IoT (Narrow Band Internet of Things)
Activation: Button on the sensor
Control software: Web application and mobile app (iOS/Android)
Open API: Easy integration into third-party systems

Battery: Up to 10 years. Replaceable pack (3 x AA lithium, 6,300 mAh)
Mounting: Screws or 3M adhesive pads
Dimensions: H124 x W60 x D26 mm
Weight: 130 g (incl. batteries)
Material: Impact-resistant white ABS plastic (robust and easy to clean)
Application: Offices, schools, museums, churches, archives, warehouses, and more.
Certification: CE certified