

RoomAlyzer: Cloud Connector



The secure bridge between your sensors and the cloud – completely independent of the local IT network.

The Cloud Connector is the central gateway that provides your sensors with secure network access so that you receive precise data for your building operations. While our NB-IoT sensors operate completely independently, the Cloud Connector acts as a necessary and secure bridge for all sensors with SecureDataShot™ technology (including CO2, Motion, Desk, Humidity, and Temperature). It features comprehensive wireless coverage and effectively covers many sensors and square metres simultaneously. This minimises the need for complex infrastructure, reduces costs, and makes your solution easily scalable. Because it has an internal SIM card, it operates completely independently of your local Wi-Fi, guaranteeing you maximum security and stability.

Cloud Connector



Gateway, SecureDataShot protocol, plug-and-play, NB-IoT



Central communication unit / Gateway
Dimensions: H153 x W114 x D30 mm

Your three core benefits:

- **Maximum security:** Transmits data via a closed network independently of your local IT environment, ensuring full NIS2 compliance and data protection.
- **Simple scalability:** Plug-and-play installation without configuration effort. The range efficiently covers large areas and numerous sensors.
- **Future-proof integration:** Open REST API and webhooks ensure that the system communicates with your other platforms and systems.

RoomAlyzer: The intelligent brain behind your connection

The Cloud Connector ensures the stable data stream that makes the RoomAlyzer platform intelligent. By ensuring that data from your sensors always arrives quickly and securely, it unlocks the full potential of the platform for operational optimisation for you.



Secure access to real-time data:

The Cloud Connector guarantees the timeliness of the received data. Automatic warning notifications via email and SMS are thus always based on the latest measured values, enabling you to react immediately.



Centralised control and monitoring:

The platform uses the connection to give you a comprehensive overview of all units. You monitor the status across all buildings and locations simultaneously.



From raw data to intelligent recommendations:

As soon as the Cloud Connector has delivered your data, RoomAlyzer transforms it into clear analyses and concrete suggestions for improvement. This connection enables predictions that save time and costs in operation.

Your advantages with a simple and secure system:

Function	RoomAlyzer-advantage	Your benefit
Communication	Direct cellular connection via internal SIM card.	Simple installation and a stable signal independent of the local Wi-Fi.
Installation	Plug-and-play: Requires no local configuration or IT access.	Quick commissioning reduces installation costs.
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:

Communication: SecureDataShot™ protocol (868 MHz / 915 MHz)
SIM card: Internal eSIM
Application: 0 to 50°C / 10 to 90% RH
Range: Up to 40 metres and thus up to 5,000 m² (depending on building characteristics and construction)
Control software: Web application and mobile app (iOS/Android)
IP rating: IP20
Open API: REST API and webhooks

Voltage: 5V DC
Mounting: Screws
Dimensions: H153 x W114 x D30 mm
Weight: 200 g
Certification: CE certified