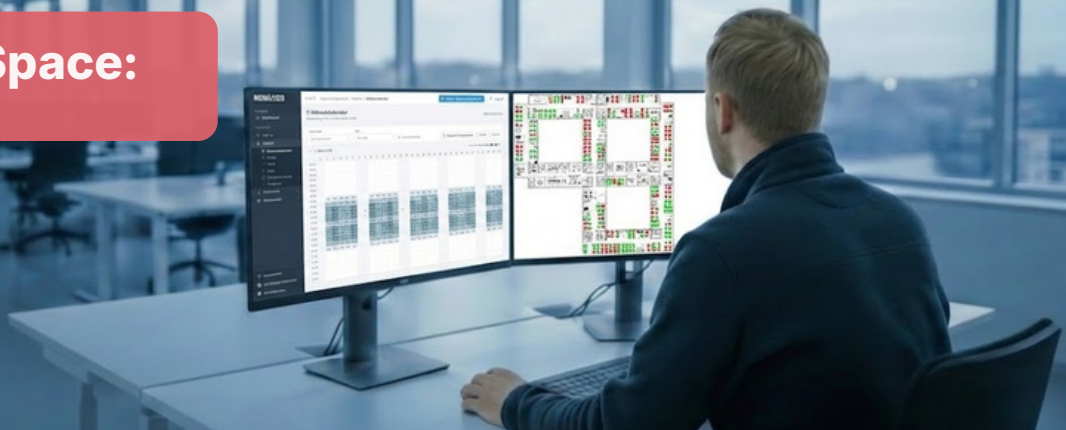


RoomAlyzer Space: Motion sensor



Wireless tracking of space utilisation with a 360° panoramic view.

The Motion Sensor provides the precise foundation for professional space management and the strategic optimisation of your building utilisation. The system records space occupancy exclusively using its Passive Infrared (PIR) technology to detect thermal movement. Measured values are transmitted securely via a Cloud Connector over the cellular network, leaving the internal IT network completely untouched and ensuring simple plug-and-play installation with maximum data security.

Motion sensor



Presence detection (PIR), 360° detection range, usage data



Compact, wireless infrared motion sensor
Dimensions: H42 x W110 mm

Your three core benefits:

- **Strategic space management:** You gain full transparency over when your spaces are actually being used. This creates a fact-based foundation for optimising overall facility management right through to long-term space requirement planning.
- **Needs-based facility management:** You optimise resource allocation by focusing service and cleaning rounds on the areas that have actually been used. With the help of precise heatmaps, you can schedule interventions where the demand is greatest.
- **Minimal maintenance and longevity:** With a battery life of up to 15 years and plug-and-play activation, the system is immediately ready for use and operates almost maintenance-free.

RoomAlyzer: The intelligent brain behind your sensors

Our platform turns movement data into active tools for your space management. We combine real-time notifications with intelligent algorithms that help you get the most out of your square metres.



Current space utilisation at a glance:

The software provides an up-to-date picture of space occupancy. This optimises processes for users, saves time, and increases wellbeing.



Identifying optimisation potential:

Over time, the platform generates data that highlights unused spaces or capacities. This enables a needs-based reallocation of spaces for purposes that offer greater added value to users.



Solid planning foundation:

RoomAlyzer secures historical usage data to document the performance of your space utilisation over the long term. This database is an indispensable tool for strategic space management and the sustainable optimisation of your buildings.

Your benefits from a simple and secure system:

Function	RoomAlyzer-advantage	Your benefit
Communication	SecureDataShot™ via Cloud Connector.	Stable connection independent of the local Wi-Fi – even through solid masonry.
Operation	Up to 15 years of battery life under standard operation.	Stable operation with minimal maintenance requirements and low operating costs.
Measurements	Raw data, automatic reports, and heatmaps in an intuitive app.	Fact-based decision-making foundation for optimising cleaning and space utilisation.
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:	Presence condition monitoring (PIR)
Field of view:	360° detection range / up to 14-metre coverage
Operating conditions:	0 to 50 °C / 0 to 90% RH
Communication:	SecureDataShot™ via Cloud Connector
Activation:	Removal of the battery strip (plug-and-play)
Control software:	Web application and mobile app (iOS/Android)
Open API:	Easy integration into third-party systems
Battery:	Up to 15 years under standard operation

Mounting:	Screws or peel-and-stick tape (3M VHB)
Dimensions:	H42 x W110 mm
Weight:	123 g
Material:	Polycarbonate (PC)
Application:	Offices, meeting rooms, halls, and common areas
Certification:	CE, UKCA, and WEEE certified