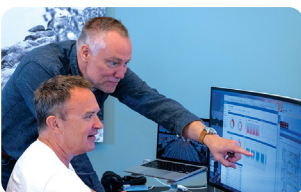## RoomAlyzer MOTION

Track room usage – in real time.

If you want to track how often and when your rooms are used, MOTION is a powerful and simple solution. The sensor collects usage data with a PIR sensor and offers a 360-degree view, so it detects movement in all directions. MOTION is 100% wireless, requires no Wi-Fi, and has a battery life of up to 10 years. The data is transmitted via a Cloud Connector, which manages multiple sensors and large areas simultaneously.

MOTION sensor is part of the RoomAlyzer System, which you can access through an app on PC, mobile, or tablet. Here, you get a clear and intuitive display of all usage data. Your space usage becomes transparent with precise data on how intensively your spaces are used and at what times. You can analyse raw data as well as receive automatic reports.
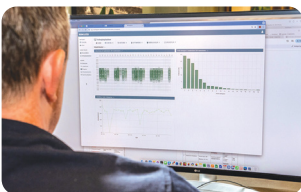
Full overview of space usage – in any area

Measurement in all room types

Thanks to its 360-degree detection, MOTION can be used in offices, classrooms, meeting rooms, halls, communal areas, and many other spaces.

Space allocation and meeting room management

Space allocation: When is a room in use or free? Visualise the usage in different ways.
Meeting rooms: Keep track of usage and let the sensor automatically cancel bookings when participants do not show up, optimising space usage.

Targeted cleaning – only where needed

Adjust cleaning schedules based on actual room usage. Lists or heat-maps for cleaning staff ensure efficient planning. Save fuel by remotely monitoring facilities and only travelling when they have been used.

Features and Specifications

High data security

MOTION sends data to the user-friendly RoomAlyzer System via a Cloud Connector with SIM card – completely without Wi-Fi. This means the sensors send data directly to the mobile network without needing to access your local network.
You benefit from high data security as there are no interfaces to your other systems. Additionally, 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
Range:	Up to 14 m
Field of view:	360-degree view
Activation:	By removing the battery barrier
Application:	Offices, meeting rooms, halls, classrooms, communal areas, kitchens, and more
Sensor:	Presence/usage (PIR)
Certification:	CE-, UKCA- and WEEE-certified

Specifications

Material/Colour:	Polycarbonate (PC)
Weight:	123 g
Dimensions:	110 × 42 mm
Communication:	Cloud Connector via SecureDataShot protocol
Mounting:	Screws or Velcro
Sensitivity:	Adjustable
Optimal operating conditions:	0 to 50°C, 0 to 90% RH
Battery:	Up to 15 years under normal operation (replaceable)
Manufacturer:	Disruptive Technologies