

Measure temperature and humidity discreetly.

Our MICRO Indoor Climate Sensors are designed for anyone who wants to capture temperature and humidity data easily and discreetly. The sensors are wireless, weigh less than 10 grams, and measure just 39 × 23 mm. They are simply placed at the desired measurement point. The data is transmitted via a Cloud Connector, which can manage numerous sensors and large areas simultaneously.

MICRO Indoor Climate Sensors have a battery life of up to 15 years and are part of the RoomAlyzer System, which you can access through an app on PC, mobile, or tablet.



The system provides a simple and quick overview of the measurements in clear charts. You can receive climate alerts via email or SMS, work with raw data, or receive automatic reports – also for other users.

What is the MICRO Indoor Climate Sensor used for?



Discrete measurements in showcases and exhibitions

Measures temperature and humidity in showcases and exhibition areas without compromising the aesthetic appearance, while providing full control over the climatic conditions.



Monitoring of storage, cooling, and freezing

Monitors cooling and freezing units to prevent spoilage of goods, medications, and other temperature-sensitive products. In combination with RoomAlyzer MINI, it can also monitor transportation in refrigerated vehicles.

Features and Specifications

High data security

The Indoor Climate Sensor 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
IFTTT:	Notifications when threshold is exceeded
Temperature:	-40 to +85°C
Humidity:	0 to 100% RH
Activation:	By removing the battery barrier
Application:	Indoor climate measurement everywhere, including in cooling areas
Sensor:	Temperature and humidity measurement
Certification:	CE-, UKCA- and WEEE-certified

Specifications

Material/Colour:	Polycarbonate (PC)
Weight:	9,3 g
Dimensions:	H39 x W23 x D12 mm
Communication:	Cloud Connector (Gateway) via SecureDataShot protocol
Mounting:	Peel-and-stick tape on the back
Accuracy:	Temperature $\pm 0.1^{\circ}\text{C}$ (at room temperature) Humidity $\pm 1\%$ RH (between 0 and 90% RH at room temperature)
Battery:	Up to 15 years lifespan under normal operation
Battery type:	BR1632A (replaceable)
Manufacturer:	Disruptive Technologies