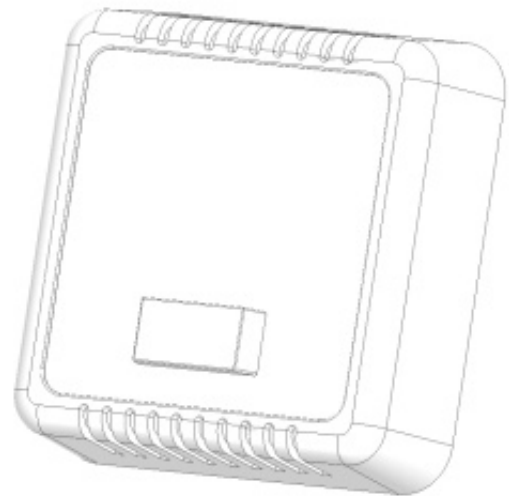


Comfort Sensor CO2 LoRaWAN

- Easy installation
- CO2 Sensor
- Temperature Sensor
- Humidity Sensor
- Ambient Light Sensor
- Pressure Sensor
- Presence Detection
- Battery powered



A healthy environment becomes more and more important.

To know how healthy a given area is you need to measure.

The Comfort Sensor CO2 is able to measure this by using several internal sensors.

Communication of the data to the cloud using LoRaWAN.

The interval of communication and other settings can be set using NFC.

Specifications

Power supply	: 1x or 2x 3.6v AA Lithium batteries
IoT Communication	: Class A LoRaWAN
Configuration	: NFC
Battery life	: approximately 1 year
Operating Temperature	: 0 - 50°C
Dimensions	: 88x88x25mm
Color / Material	: white / ABS

Temperature sensor

Accuracy tolerance : $\pm 0,2^{\circ}\text{C}$ @ 0-65°C

Humidity sensor

Accuracy tolerance : $\pm 2\%$ @ 10-90%

Pressure sensor

Operating pressure range : 260 - 1260 hPa

CO2 sensor

Measurement range : 400 - 5000ppm

Accuracy : $\pm 30\text{ppm} + 3\%$ of reading

Presence sensor

Detection range : 5m

Field of view : 150° horizontal, 35° vertical