

# Comfort Sensor - NB-IoT

- Easy installation
- CO<sub>2</sub> Sensor
- Temperature Sensor
- Humidity 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 is able to measure this by using several internal sensors. Communication of the data to the cloud using NB-IoT. The interval of communication and other settings can be set using NFC



## Specifications

Power supply	: 1x or 2x 3.6v AA Lithium batteries
Communication	: NB-IoT
LTE Bands	: 3, 5, 8, 20, 28
SIM Card format	: Nano (4FF)
Protocol	: UDP
Configuration	: NFC
Battery life	: 2 year (depending on data interval)
Dimensions	: 88x88x25mm
Color / Material	: white / ABS

## Temperature sensor

Accuracy tolerance : ± 0,2°C @ 0-65°C

## Humidity sensor

Accuracy tolerance : ±2% @ 10-90%

## CO<sub>2</sub> sensor (NDIR) - professional

Measurement range : 400 - 5000ppm

Accuracy : ± 30ppm + 3% of reading

## CO<sub>2</sub> sensor (NDIR) - economic

Measurement range : 400 - 5000ppm

Accuracy : ± 50ppm + 5% of reading

## Presence sensor

Detection range : 5m



Available variations		Temperature rel. Humidity	Presence	CO <sub>2</sub> Professional	CO <sub>2</sub> Economic
IB014-003.00	Comfort Sensor	✓			
IB014-004.00	Comfort Sensor Presence	✓	✓		
IB014-005.00	Comfort Sensor CO <sub>2</sub> NP - Professional	✓		✓	
IB014-005.01	Comfort Sensor CO <sub>2</sub> NP - Economic	✓			✓
IB014-001.00	Comfort Sensor CO <sub>2</sub> - Professional	✓	✓	✓	
IB014-001.01	Comfort Sensor CO <sub>2</sub> - Economic	✓	✓		✓