

AERO CO2

Indoor Air Quality, Energy Monitoring
Connected



- Carbon Dioxide (CO2)
- Temperature
- Humidity
- Possible customization

Aero CO2 measures the CO2 level and continuously monitors air quality to visually alert occupants when it is time to air out to renew the indoor air. With its multi-parameter measurement sensors, Aero CO2 is specifically designed to analyze the working environment of your teams. Thanks to its wireless communication module, data can be accessed remotely, simply from a smartphone or a computer screen*.

PRODUCT BENEFITS

- > NDIR CO2 sensor with performances validated by an independent laboratory
- > LED indicator to visualize the CO2 level or air quality level
- > Anti-theft fixing device for wall mounting
- > Quick and easy installation
- > No maintenance required

APPLICATIONS

- > Monitoring of Indoor Air Quality in tertiary and residential buildings
- > Supervision of ambient parameters at work (offices, meeting rooms)

**Optional subscription fees may apply*

FUNCTIONS

Measurement of Indoor Air Quality

- > Carbon Dioxide (CO₂)
- > Volatile Organic Compounds (VOC)

Measurement of ambient parameters

- > Temperature
- > Relative humidity

Central button

- > Short press: programmable action
- > Long press: instant measurement and transmission

Local (NFC) or remote (downlink) product configuration and diagnostics

iZiAiR Indoor Air Quality Index

Display of CO₂ level or Air Quality by indicator light (configurable)



Very good



Average



Warning

SPECIFICATIONS

Carbon Dioxide (CO₂)

Technologie : Dual channel Non-Dispersive InfraRed (NDIR)

Resolution: 1ppm

Accuracy: $\pm(30 \text{ ppm} + 3\% \text{ of measuring range})$

Measurement range: 0 – 10000ppm

Temperature

Resolution: 0.1°C

Accuracy: $\pm 0.3^\circ\text{C}$

Measurement range: $-30^\circ\text{C} / +70^\circ\text{C}$

Humidity

Resolution: 0.5% R.H.

Accuracy: $\pm 2\%$ R.H.

Measurement range: 0 – 100% R.H.

Frequency of measurements

Every 10 minutes (configurable)

Network pairing / Operation / CO₂ indicator

1x RGB LED

Power supply

Powered by USB type-C (5VDC – 1A)

Dimensions: 105 x 105 x 35 mm

Weight: 200g

Conditions of use

Indoor environment

Temperature: 0°C to + 50°C

Relative humidity: 0% RH to 95% RH

Lifetime: 10 years

Type of mounting

Wall mounted with anti-theft fixing

Free standing with removable support

Wireless protocol

LoRaWAN – *Other wireless protocols studied on request*

PRODUCT REFERENCE

AERO CO₂ (LoRaWAN) – I411LR

CONTENTS OF THE BOX

> 1 device

> 1 anti-theft wall bracket

> 1 standalone installation bracket

> 1 AC adapter + 1.80m USB-C cable

> 2 screws and nylon wall plugs

> 3M® double-sided adhesive attachment

CERTIFICATION

Certification CE

Designed in France