

AERO_{CO2}

Indoor Air Quality | Energy Monitoring

Carbon Dioxide (CO₂), Temperature, Humidity



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

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PART OF
LAGERCRANTZ GROUP




AERO

FUNCTIONS

- Measurement of Indoor Air Quality
 - o Carbon Dioxide (CO₂)
 - o Volatile Organic Compounds (VOC)
- Measurement of ambient parameters
 - o Temperature
 - o Relative humidity
- Central button
 - o Short press: programmable action
 - o 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°C / +70°C

Humidity

Resolution: 0.5% R.H.
Accuracy: $\pm 2\% \text{ R.H.}$
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 (5V_{DC} – 1A)

Dimensions: 105 x 105 x 30 mm

Weight: 120g

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 (868 MHz)
Other wireless protocols studied on request

PRODUCT REFERENCE

Aero CO₂ (LoRaWAN) : I411LR_FND_S

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

CE