

Senseair Aercast

Battery powered and wireless IAQ Monitor

Senseair Aercast is an advanced and versatile 3-in-1 IAQ monitor. It measures CO₂ concentration, temperature and humidity in the ambient air. The measured parameters are conveniently combined into one common indicator – the Senseair Index – describing how your performance is affected by the ambient air. Research shows that the air around us significantly affects our health and performance. Aercast puts you in control of the surrounding environment and secures your top performance.

Thanks to the ultra-low power sensor, the Senseair Aercast is possible to run on batteries for at least 2 years, depending on the actual configuration.

The measured data is shown on a high resolution display and the overall indoor air quality is intuitively indicated by the stylish LED elements. The data is wirelessly transmitted using an open protocol and can be viewed using a laptop dashboard or a smart phone app.

Senseair Aercast is provided as a white-label product that could be branded with your own logotype. The product complies with ASHRAE standard 189.1 (± 50 ppm @ 1000 ppm of measured CO₂ value).



Standard specification

Measured gas	Carbon dioxide (CO ₂)
Operating principle	Non-dispersive infrared (NDIR)
Operating environment	Indoor
Measurement range:	
CO ₂	400–5000ppm
Temperature	0–50 °C
Relative Humidity	0–100% RH
Accuracy (CO ₂)	± 30 ppm $\pm 3\%$ of reading ²
Dimensions	148 x 58 x 29mm
Life expectancy	> 15 years (battery 2 years)
Power supply	2 x A Li-SOCl ₂ batteries (included)
Communication	Bluetooth LE

Key benefits

- Maintenance free ¹
- Compliant with ANSI/ASHRAE Standard 62.1-2022
- Compliant with RESET grad B
- Compliant with WELL Building Standard® (WELL v2™)
- 3 sensors in one housing
- Battery-powered
- IoT connected using the market's leading radio interfaces
- IAQ indication on display as well as intuitive LEDs
- Available as a white-label product



Note 1: Except battery replacement, no maintenance required in normal indoor air as ABC (Automatic Baseline Correction) is used

Note 2: After 3 ABC periods with default configuration

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