



Keeping low CO2 levels helps with:

- Reducing the risk of infection from airborne viruses like COVID-19
- Mental function and acuity
- Make sure your ventilation system and air exchanger are working properly



Model C

Connected CO2 sensor with integrated battery and storage

A connected CO2 sensor to always have the data available.

- CO2 measurements using dual-beam NDIR technology (Sensirion SCD-30)
- CO2 level, temperature and humidity per minute on an easy-to-read E-Ink display
- Wi-Fi connectivity (2.4 GHz only)
- Over 39 hours of battery operation (with Wi-Fi off, screen updated every minute and data saved every 15 minutes)
- 48 months of data retention in the cloud portal
- Possibility of an audible alert when the CO2 level exceeds a configurable threshold
- Charging via USB-C port (CAN/US power supply included)
- Ability to update firmware remotely (*Over-The-Air*) when available

Characteristics	
Dimensions	84mm x 49mm x 23mm
Construction	White resin case (3D printed)
Operating range	0 °C to 60 °C
Battery	390mAh LiPo with an autonomy of about 12 hours
Power	USB-C (CAN/US power supply included)
Connection	- HTTPS over 2.4GHz Wi-Fi - Transmits readings (CO2, Temperature and Relative Humidity) at configurable intervals
Screen refresh	Configurable via cloud portal
Recording of readings	- When the Wi-Fi is not available or switched off, the sensor saves up to 4000 in its internal memory. - As soon as the Wi-Fi is available again or turned on, the sensor transmits the accumulated readings to the cloud portal.
Wall fixation	Optional
Desktop stand	Optional

CO2 probe	
Technology	Dual-beam NDIR (Sensirion SCD-30)
Range	0 to 40000 ppm
Precision	± 30 ppm (+3% VM) (25 °C, 400 - 10'000 ppm)

Temperature probe	
Range	-40 °C a 70 °C
Precision	± (0,4 °C + 0,023 x (T [°C] - 25°C))

Humidity probe	
Range	0 - 100 % HR
Precision	±3% HR (0-100% HR)