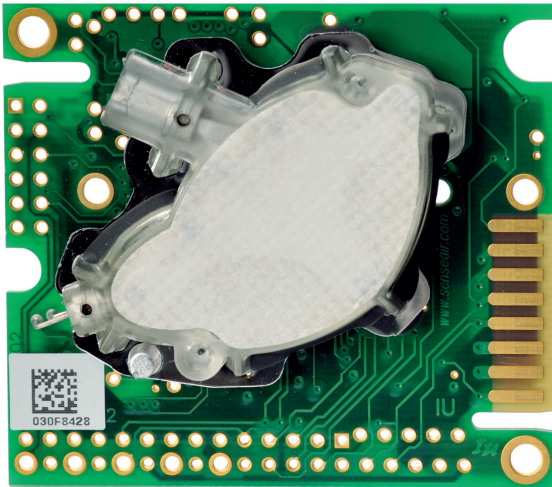


Senseair K30

Sensor Module and OEM Platform

Senseair K30 is a flexible product with two analogue outputs and two digital outputs that can be configured with SADK hardware and UIP or other custom software to meet your requirement.

The platform can be customised for a variety of sensing and control applications. This platform is designed to be an OEM module for built-in applications in a host apparatus.



Standard specification

Measured gas	Carbon dioxide (CO ₂)
Operating principle	Non-dispersive infrared (NDIR)
Measurement range CO ₂	0–5000ppm
OUT1 Linear Output	0–4VDC = 0–2000ppm
OUT2 Linear Output	1–5VDC = 0–2000ppm
OUT3 Digital Output	On ≥ 800ppm, Off ≤ 700ppm
OUT4 Digital Output	On ≥ 1000ppm, Off ≤ 900ppm
Accuracy CO ₂	±30ppm ±3% of reading
Dimensions	51 x 58 x 12mm ¹
Life Expectancy	> 15 years
Operating temperature range	0–50 °C
Operating humidity range	0–95% RH (non-condensing)
Power supply	4.5–14VDC
Communication	I ² C, UART (Modbus)

Key benefits

- Flexible
- Compliant with ANSI/ASHRAE Standard 62.1-2022
- Compliant with RESET grad B
- Compliant with WELL Building Standard® (WELL v2™)
- Easy to configure
- Maintenance-free



Note 1: For tolerances see mechanical drawing.