chanhvinh.com

EvaluatIR-A

- **Autonomous CO_2 Evaluation**
- **Real Time Recordings of CO_2 Levels**
- **Measures Full Suite of Other Environmental Parameters**



About the EvaluatIR-A

The EvaluatIR-A evaluation kit provides users with a convenient way to evaluate GSS CO_2 sensor technology in an easy-to-use battery-powered package. The EvaluatIR-A integrates the CozIR®-A sensor module that uses patented NDIR solid-state LED optical technology to deliver consistent and accurate CO_2 measurements.

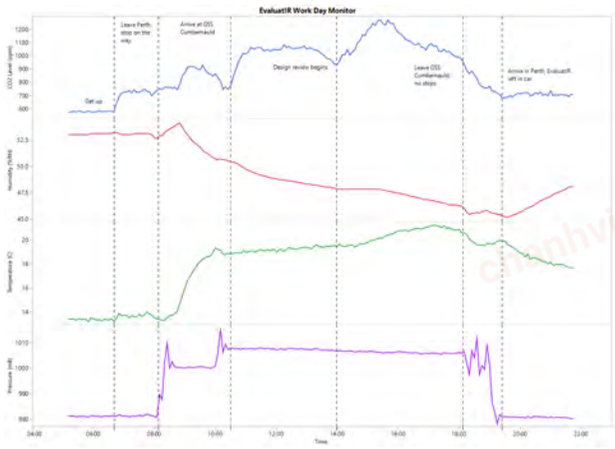
The evaluation kit measures CO_2 over a 0-1% range as well as relative humidity, temperature and barometric pressure. The evaluation kit connects to a PC via a USB port and includes software that allows the user to stream data to the PC. All recorded data is time-stamped allowing users to easily analyse CO_2 sensor behaviour.

The evaluation kit will operate for up to 12 months on 2 x AA batteries (not included).

In the Kit

- EvaluatIR-A Module
- USB Cable
- Evaluation Software
- Protective Carry Case

Software Interface



chanhvinh.com

EvaluatIR-A



Ordering Information

EVALUATIR-A - x

x	Measurement Range
1	0 - 1%

https://www.gassensing.co.uk/product/evaluatir-a/

CO_2 Sensor Specifications

Measurement Ranges	0-1%
Accuracy (typ.)	0-1% ±(30ppm +3% of reading)
Response Time	2 Minutes (Diffusion limited)
Readings per Second	2
Sample Method	Solid-state LED NDIR Diffusion

Electrical and Mechanical Specifications

Measurement Output	USB Mini to PC Application
Power	2 x AA Batteries
Dimensions and Weight	145mm x 95mm x 35mm, 225g

Operating Conditions

Operating Conditions - Temperature	0°C to 50°C
Operating Conditions - Humidity	0-95% RH, non-condensing
Storage Conditions - Temperature	-30°C to +70°C
Pressure Dependence	0.15% of reading per mbar
Environmental Compliance	RoHS and REACH