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INDUSTRIAL PRODUCT DATASHEET

CO2 Sensor with UART, I2C, & PTFE Filter

This digital NDIR CO2 sensor comes with UART and I2C interfaces, built-in calibration functionality, and is compact in size, making it widely applicable in greenhouses, poultry farms, transportation stations, and other application...

SKU	UPDATED	PRICE
101990844	2026-11-11 10:05:52	$89.00(Excl. VAT)



Overview



This digital NDIR CO2 sensor comes with UART and I2C interfaces, built-in calibration functionality, and is compact in size, making it widely applicable in greenhouses, poultry farms, transportation stations, and other application scenarios where CO2 level is needed

Key Features

01 **User-Friendly**

Easy to install and integrate.

02 **High performance**

High level of accuracy, fast response, and supreme stability.

03 **Wide Range**

Ability to monitor wide range 400ppm ~ 10,000 ppm, ±(30 ppm + 3%MV)

04 **Ultra-low power**

average current 45μA

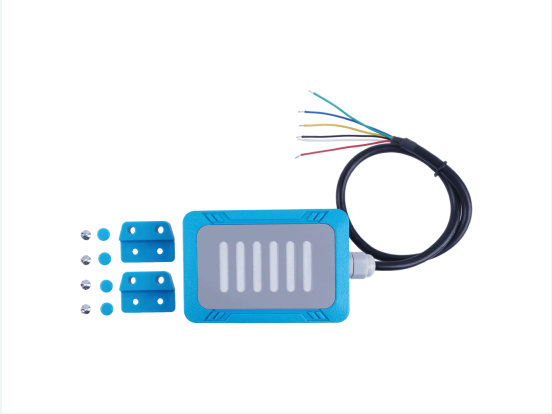
05 **Wide supply voltage range enables a variety of battery options**

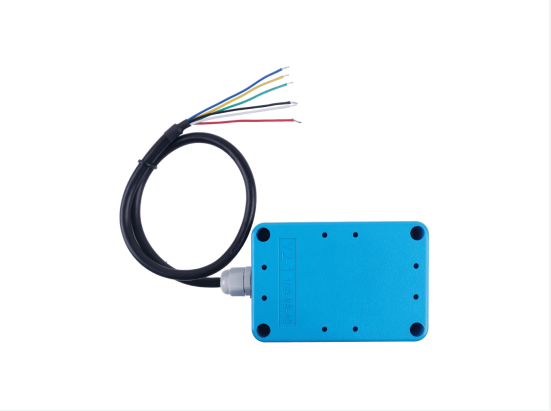
06 **Adjustable measurement period by host**

07 **Adjustable ABC period by host**

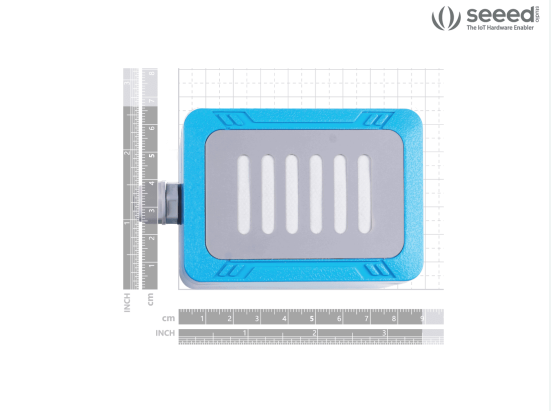
Product Gallery











Resource Links

- https://www.seeedstudio.com/CO2-Sensor-with-UART-I2C-PTFE-Filter-p-5134.html
- Sunrise Specification
- I2C On Sunrise

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