

CO₂ SENSOR



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Aranet CO₂ non-dispersive infrared sensors measure carbon dioxide (CO₂) levels. The sensors are wireless and powered by two replaceable AAA batteries. Sensors send data every 10 minutes.

1. Aranet CO₂ sensors measure carbon dioxide and are suitable for indoor use only.
2. Sensors can be deployed in the line-of-sight range of 3km / 1.9mi from the gateway.
3. Measuring CO₂ levels is an important application for process control in greenhouses, wineries and breweries, dry ice storage tanks, and anywhere where high levels of CO₂ are produced;
4. If the CO₂ levels are higher than recommended, it can result in decrease of productivity and overall wellbeing of employees. Therefore CO₂ monitoring is important in office buildings, schools or anywhere where people work indoors.
5. Portability of the sensors offers flexibility. Wireless devices can be moved when necessary without extra costs of installation or extensive planning.



Aranet CO ₂ sensor	
Measures	Carbon dioxide (CO ₂) (0 ppm – 9999 ppm)
Line of sight range	3 km/ 1.9mi
Operating environment	indoor use
Transmitter power	14 dBm
Data Transmission	every 10 minutes
Powered by	2 AAA batteries
Battery life	2 years
Protection class	IP40
Dimensions	115x44x25 mm/ 4.5x1.7x1 in

For more details, please see Product data sheet or visit www.aranet.com