







# CO<sub>2</sub> MONITORING IN THE CLASSROOM

-  CO<sub>2</sub> monitoring in classrooms and indoor spaces is increasingly becoming a mandatory requirement
-  The Centers for Disease Control and Prevention asserts that COVID-19 spreads via aerosols <sup>1</sup>
-  COVID-19 can stay infectious in aerosols for up to two hours <sup>2</sup>
-  Aranet4 PRO is the perfect device for monitoring air quality and estimating COVID-19 risk in the classrooms

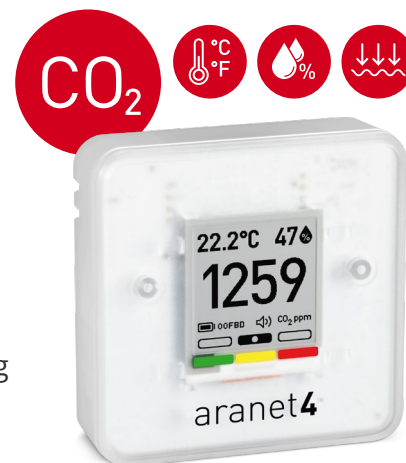
<sup>1</sup> <https://www.cdc.gov/coronavirus/2019-ncov/hcp/non-us-settings/overview/index.html>

<sup>2</sup> <https://tinyurl.com/FAQ-aerosols>, Version: 1.88, 13-Aug-2021

## Aranet4 PRO sensor

### Indoor air quality monitoring device

- ✓ A wireless plug-and-play device with an on-screen display
- ✓ Can be plugged in with an AC adapter
- ✓ Monitors CO<sub>2</sub>, temperature, relative humidity, and atmospheric pressure. CO<sub>2</sub> level is a good proxy for assessing potential COVID-19 transmission risk
- ✓ Uses a color indicator and a buzzer to warn you when action must be taken to improve air quality



## Aranet PRO base station

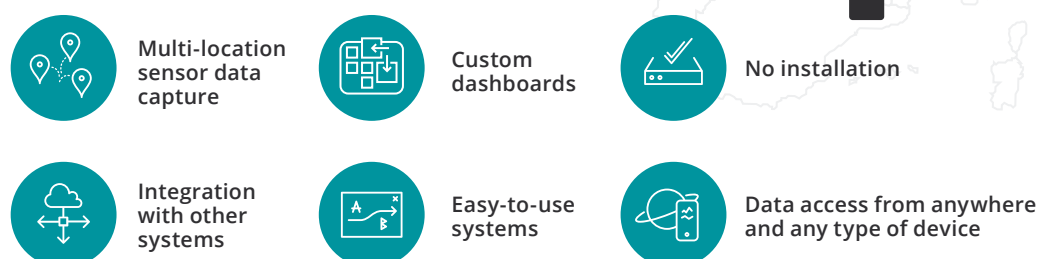
### For centralized data monitoring

- ✓ Wirelessly gathers and stores readings from up to 100 Aranet4 PRO devices
- ✓ Connects to Aranet4 PRO sensors within the line-of-sight range of up to 3 km
- ✓ Compatible with Aranet Cloud for advanced remote facilities management



## Aranet Cloud

Aranet Cloud is an industrial-grade solution for data collection, aggregation, and analysis. It offers centralized reporting, customizable dashboards, and helpful alarms to give you an overview of all your classrooms from wherever you are.



# Aranet Ecosystem

Aranet ecosystem consists of three components – Aranet4 PRO sensors, Aranet PRO base station, and Aranet Cloud. Aranet4 PRO sensors are normally placed in each classroom to monitor air quality throughout the school day. Sensors send data to the Aranet PRO base station that collects and stores all the measurements. Finally, Aranet Cloud enables centralized data monitoring and analysis across all your schools and classrooms, regardless of whether you're managing a single school or an entire school district.

Aranet ecosystem is a simple and effective solution to improve air quality in your school!

Aranet4 PRO sets off a buzzer when CO<sub>2</sub> level reaches the defined threshold



Aranet4 PRO sends data wirelessly to Aranet PRO base station



Aranet PRO base station



## Aranet Cloud

Take immediate action to improve air quality when thresholds are exceeded

Set up dashboards to review your entire school district

Share the classroom air quality information with parents via Aranet Public CO<sub>2</sub> Monitor

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