

ARANET4



- ① monitors CO2, temperature, relative humidity and atmospheric pressure
- ② warns with color and sound indicators when your room needs to be ventilated
- ③ historical data viewing in handy mobile app
- ④ scalable solution for businesses to improve your productivity

monitors indoor air quality at your home,
school or office

Aranet4 wireless sensor monitors indoor air quality at your home, school or office.

Aranet4 Datasheet		
Measurements	CO ₂ (carbon dioxide), temperature, relative humidity, atmospheric pressure	
Line of Sight Range	Aranet radio up to 3 km/ 1.9mi BLE up to 10m/33ft	
Operating environment	Indoor use	
Transmitter power	14 dBm	
Frequency	Depends on base station instructions	
Measurement range	CO ₂	0-9999 ppm
	temperature	-10°C to 60°C (14°F to 140°F)*
	relative humidity	0% to 100% RH*
	atmospheric pressure	300-1100 hPa
Measurement accuracy:**	CO ₂	0-2000 ppm: ±50 ppm or 3% of reading 2001-9999 ppm: ±10% of reading
	temperature	±0.4°C (0.72°F)
	relative humidity	±3%
	atmospheric pressure	±1 hPa
CO ₂ measurement calibration	Automatic or manual (at 400ppm)	
Data Transmission	1, 2, 5, 10 minutes	
Data Protection	Data encryption	
Power options	2 AA Alkaline batteries (Zn/MnO ₂)	
Battery life @20°C / 68°F	Up to 2 years	
Operating temperature	0°C to 50°C (32°F to 122°F)	
Operating humidity	0% to 85% non-condensing	
Dimensions	70x70x24 mm / 2.76x2.76x0.94"	
Weight	104g (3.7oz)	
Construction	Polycarbonate	
Protection class	IP20	
Marking	CE	
Compatible base stations	Aranet PRO (from v1.3.2)	
Included	2 AA Alkaline batteries	

* Please note the operating temperature and operating humidity range.

** For best accuracy, recommended operating range is 10°C to 40°C (50°F to 104°F) and 20% to 60% RH (non-condensing). Prolonged operation beyond these ranges may result in a shift of sensor reading, with slow recovery time.