## PRODUCT OVERVIEW



take wireless monitoring to the next level



- 1 wireless monitoring for ultimate flexibility
- 2 line of sight range up to 3km / 1.9miles
- 3 up to 10 year sensor battery life
- 4 100 sensors per base station
- **5** built-in web software

Temperature sensors measure and monitor air, liquid and solid surface temperature. The probe can be placed in liquids or places that require close contact temperature measurements, like heating pipes or soil. Use cases include air conditioning and ventilation systems (HVAC), food industry, pharmaceutical industry, R&D laboratories.

Wireless T/RH sensors measure temperature and relative humidity. Aranet sensors are extremely durable and can be placed in both inside and outside environments as well humid locations.

CO<sub>2</sub> sensors have a built-in infrared CO<sub>2</sub> sensor that actually measures the real CO<sub>2</sub> gas content, and provides high precision measurements. Does not extrapolate the CO<sub>2</sub> value from other gases.

Ambient light sensors are wireless and battery-powered, made to easily monitor whether your building is sufficiently lit, as well as to see if you're not wasting energy on excess lighting.

Current and voltage sensors are battery-powered and energy-efficient solutions designed to integrate with any 3rd party sensor that uses V/mA as an output. This solution allows the Aranet system to be opened up to virtually any parameter monitoring so that you can have all of your required sensors in a single system.

Horticulture sensors are specifically designed for use in the greenhouse sector. The sensors measure a variety of parameters that help optimize yield predictions and save on energy, water and fertilizers.

		Battery	
	Measurement range	life up to	IP class
T-probe sensor	-55°C to 105 °C -67°F to +221°F	10 years	IP68
T Compact sensor	-40°C to 60°C -40°F to 140 °F	7 years	IP68
PT100 / PT1000 transmitter	-200°C to 800°C -328°F to 1472°F	10 years	IP68
PT100 sensor	-50°C to 180°C -58°F to 356°F	10 years	IP68
PT100 EXT sensor	-190°C to 260°C -310°F to 500°F	10 years	IP68

	Measurement range	Battery life up to	IP class
T/RH sensor	temperature: -40°C to 60°C	10 years	IP42
T/RH IP68 sensor	-40°F to 140 °F relative humidity: 0% to 100%	10 years	IP68

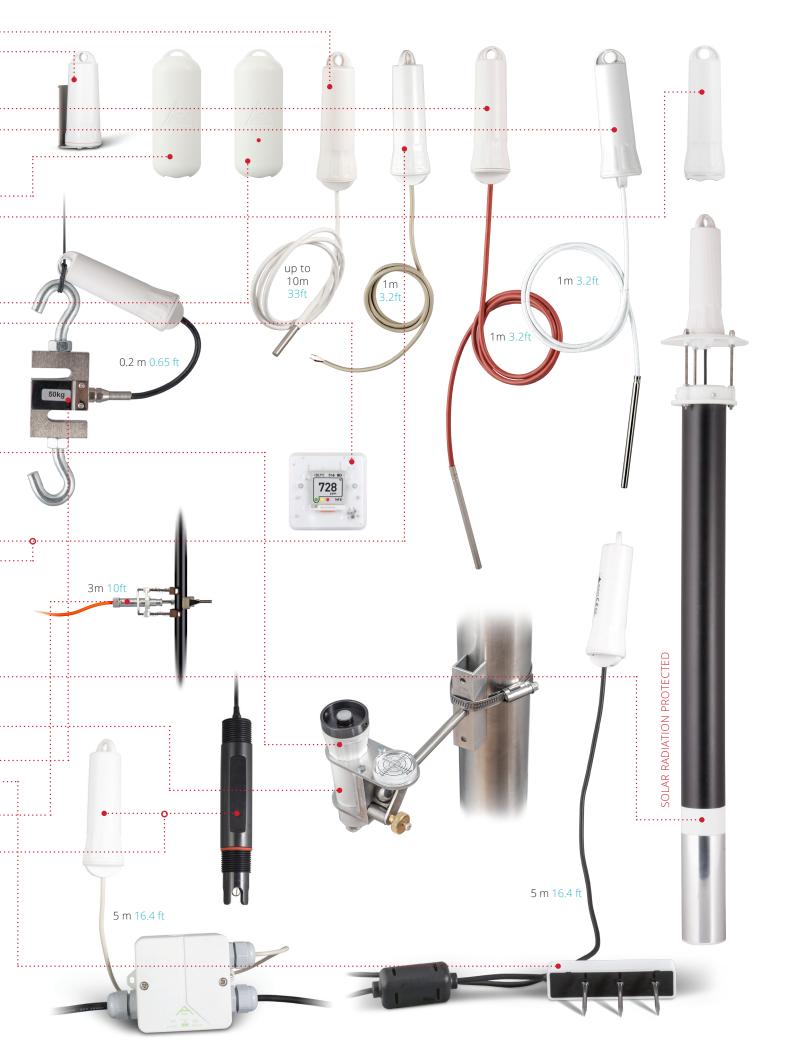
		Battery	
	Measures	life up to	IP class
CO <sub>2</sub> sensor	CO <sub>2</sub> : 0-9999 ppm	7 years	IP40
Aranet4	CO <sub>2</sub> : 0-9999 ppm	2 years	IP20
comes with	temperature: -10°C to 60°C		
Android & iOS app	14°F to 140°F		
	relative humidity: 0% to 100%		
	atmospheric pressure: 300-1100 hP	'a	

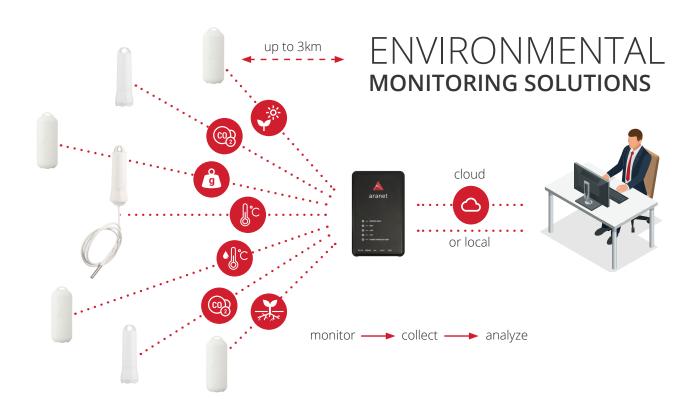
		Battery	
	Measurement range	life up to	IP class
LUX sensor	0 - 200 000 lux	7 years	IP68

	Measurement range	Battery life up to	IP class
Voltage sensor	DC voltage (-32 to +32 VDC)	7 years	IP68
4-20mA sensor	current (0-30mA)	7 years	IP68

	Measures	Battery life up to	IP class	
T/RH sensor with Convection Shield	temperature: -40°C to 60°C -40°F to 140°F relative humidity: 0% to 100%	10 years	IP68	•
PAR sensor	PPFD (Photosynthetic Photon Flux Density)	7 years	IP68	•
Weight sensor	0-50 kg / 0-100 kg	7 years	IP67	•
Soil moisture, EC and T sensor	soil and substrate moisture, electric conductivity, temperature	7 years	IP68	• · · · · · · ·
Stem micro- variations sensor	micro-variations of stem diameter (0 to 5mm)	7 years	IP64	•
PH sensor	pH level in soil (0 to 14 pH)	7 years	IP67	•

## To find out more visit www.aranet.com





## ARANET CLOUD ENTERPRISE SOLUTIONS

- 24/7 access to the data
- multiple base stations in one network
- 3 API integrations
- configure all assets in one place



## www.aranet.com