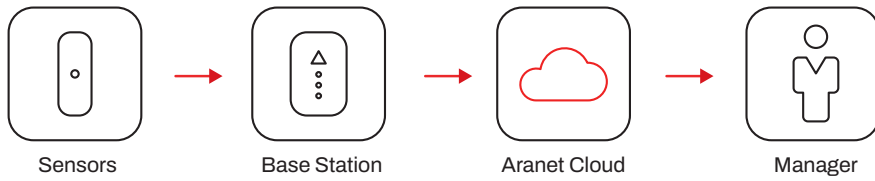


# Building Management

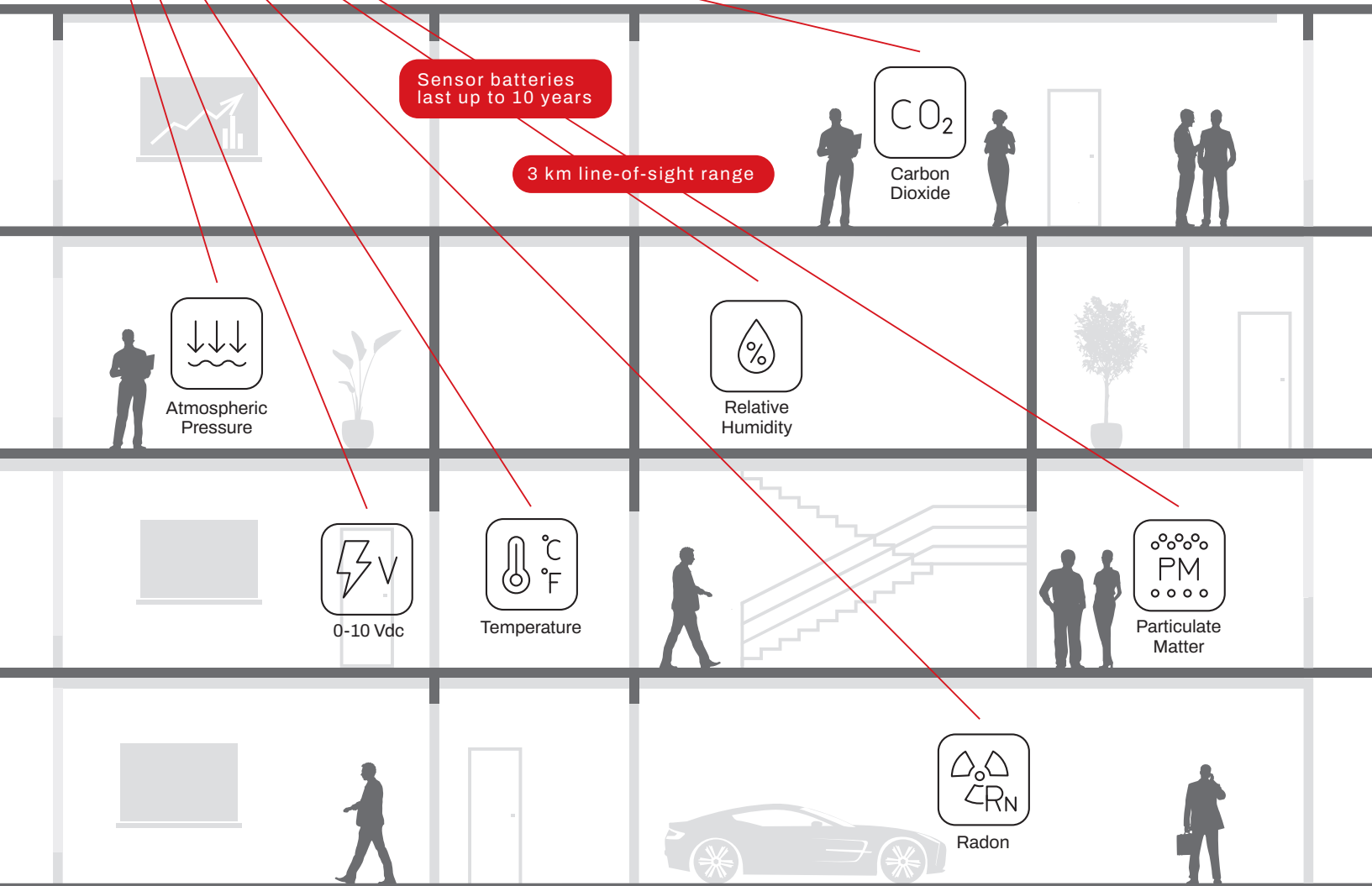


Advanced analytic software included

1-100 sensors per base station

Sensor batteries last up to 10 years

3 km line-of-sight range



# PRO / PRO Plus Base Station

An industrial-grade wireless environmental monitoring solution. It has internal memory and a built-in web server with free software for easy viewing, analyzing, and comparing data in real-time, as well as for setting thresholds for alarms and exporting reports. The base station gathers readings from wireless sensors within the range of **up to 3 km / 1.9 mi**. Available for indoor or outdoor environment, with or without LTE modem. Connect base station to Aranet Cloud for full Aranet ecosystem experience.



# Aranet Cloud

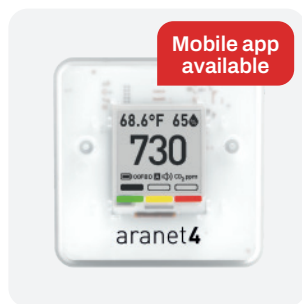
Aranet Cloud gathers the data from base stations and enables 24/7 uninterrupted and secure centralized data monitoring and analysis across all the monitored locations, regardless of whether it's a single venue or multiple geographically distributed locations.

- Choose how to view your data
- Remotely manage all Aranet devices
- Adaptable to your business needs
- Smart and effective alerting
- Simple integration with 3<sup>rd</sup> party systems
- Share your data publicly



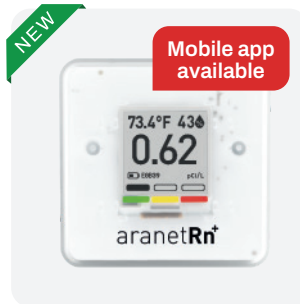
## Indoor Air Quality Sensors

Designed to monitor indoor air quality and ensure an optimal living and working environment. The CO<sub>2</sub> sensor measures the concentration of carbon dioxide gas and provides precise measurements with the NDIR sensor.



### Aranet4 HOME / PRO

CO<sub>2</sub>: 0–9999 ppm  
Temperature:  
0 °C–50 °C, 32 °F–122 °F  
Relative humidity: 0 %–85 %  
Atmospheric pressure:  
600–1100 hPa  
Battery life up to: 3 years  
IP class: IP20



### Radon Plus HOME / PRO

Radon: 0–4000 Bq/m<sup>3</sup>  
Temperature:  
0 °C–50 °C, 32 °F–122 °F  
Relative humidity: 0 %–85 %  
Atmospheric pressure:  
600–1100 hPa  
Battery life up to: 10 years  
IP Class: IP20



### PM Sensor

Particulate matter measurement  
PM1.0, PM2.5, PM10  
Measurement range:  
0–1000 µg/m<sup>3</sup>  
Power source:  
External power supply  
IP class: IP42



### Aranet2 HOME / PRO

Temperature:  
0 °C–50 °C, 32 °F–122 °F  
Relative humidity: 0 %–85 %  
Battery life up to: 3 years  
IP class: IP20

# 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.



## 4xT-Probe Sensor

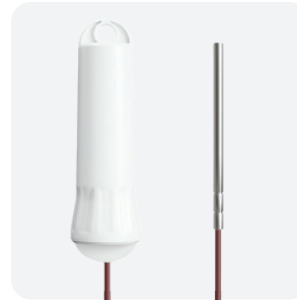
Measures temperature simultaneously with four platinum resistance thermometer probes.

**Temperature:**

-30 °C–180 °C, -22 °F–356 °F

**Battery life up to:** 10 years

**IP class:** IP65



## PT100 Temperature Sensor

**Temperature:**

-50 °C–180 °C

-58 °F–356 °F

**Battery life up to:** 12 years

**IP class:** IP68



## PT100 Temperature Sensor (Extended Range)

**Temperature:**

-190–260 °C

-310–500 °F

**Battery life up to:** 12 years

**IP class:** IP68



## T Compact sensor

**Temperature:**

-40 °C–60 °C

-40 °F–140 °F

**Battery life up to:** 8 years

**IP class:** IP68

# T/RH Sensors

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 as humid locations.



## T/RH Mini Sensor

**Temperature:**

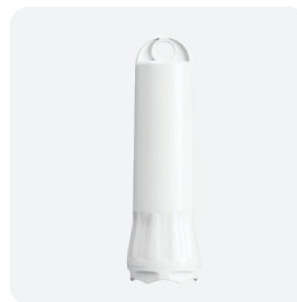
-40 °C–60 °C

-40 °F–140 °F

**Relative humidity:** 0 %–100 %

**Battery life up to:** 16 years

**IP class:** IP42



## T/RH IP67 Sensor

**Temperature:**

-40 °C–60 °C

-40 °F–140 °F

**Relative humidity:** 0 %–100 %

**Battery life up to:** 10 years

**IP class:** IP67



## T/RH Probe Heavy Duty

**Temperature:**

-40 °C–60 °C

-40 °F–140 °F

**Relative humidity:** 0–100 %

**Battery life up to:** 10 years

**IP class:** IP68

# Other Sensors



## 4–20 mA Transmitter

Expand monitoring with third-party mA sensors in Aranet  
**Current:** 4–20 mA  
**Built-in power supply options:** 12 VDC and 24 VDC  
**Power source:** External power supply  
**IP class:** IP67



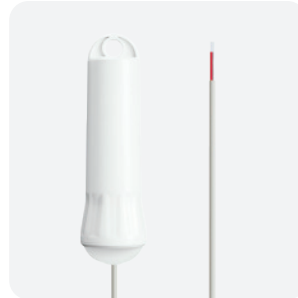
## 0–10 V Transmitter

Expand monitoring with third-party V sensors in Aranet  
**Voltage:** 0–10 V  
**Built-in power supply options:** 12 VDC and 24 VDC  
**Power source:** External power supply  
**IP class:** IP67



## One-Phase Energy Meter Kit

Measures the amount and frequency that electricity is used  
**Battery life up to:** 10 years  
**IP class (energy meter):** IP51  
**IP class (sensor):** IP68



## Dry Contact Pulse Counter

Detects dry contact pulses. Perfect for electricity meters and water flow monitoring.  
**Battery life up to:** 10 years  
**IP class:** IP68



## Three-Phase Energy Meter Kit

Measures the amount and frequency that electricity is used  
**Battery life up to:** 10 years  
**IP class (energy meter):** IP51  
**IP class (sensor):** IP68



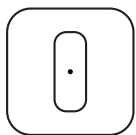
## Differential Pressure Sensor

Air pressure difference for HVAC, clean rooms, filters & more  
**Pressure range:** ±500 Pa, ±0.0725 psi  
**Battery life up to:** 10 years  
**IP class:** IP65



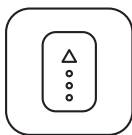
## PT100 / PT1000 Transmitter

**Temperature:**  
 -200 °C–600 °C  
 -328 °F–1112 °F  
**Battery life up to:** 12 years  
**IP class:** IP68



Sensors

Measure environment and conditions in the building



Base Station

One or multiple base stations gather and store sensor data



Aranet Cloud

Monitor and analyze processes from anywhere, anytime



Data-Driven Decisions

Adjust building systems or integrate with the BMS



Designed and manufactured by SAF Tehnika.

For more detailed information about Aranet products, please visit [aranet.com](http://aranet.com), contact your Aranet representative, or write to [info@aranet.com](mailto:info@aranet.com). Product specifications are subject to change without prior notice. © SAF Tehnika, JSC. All rights reserved.

