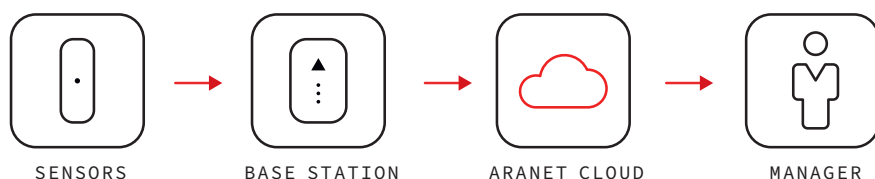


Building management

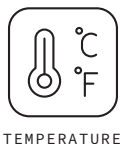
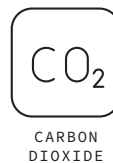


Advanced analytic software included

1-100 sensors per base station

Sensor batteries last up to 10 years

3 km line-of-sight range

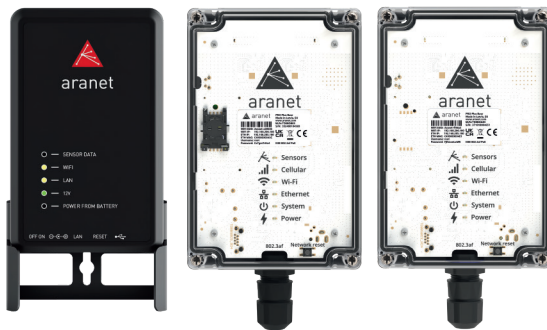


SCAN TO DOWNLOAD THE DOCUMENT



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 3rd party systems
- Share your data publicly



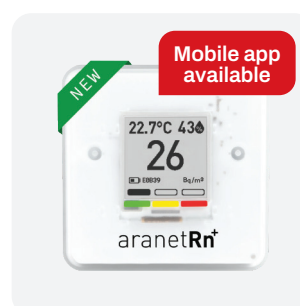
Indoor air quality sensors

Designed to monitor indoor air quality and ensure an optimal living and working environment. The CO₂ sensor measures the concentration of carbon dioxide gas and provides precise measurements with the NDIR sensor.



Aranet4 HOME / PRO

CO₂: 0–9999 ppm
Temperature:
0–50 °C, **32–122 °F**
Relative humidity: 0–85 %
Atmospheric pressure:
600–1100 hPa
Battery life up to: 10 years
IP class: IP20



Radon Plus HOME / PRO

Radon: 0–4000 Bq/m³
0–108.10 pCi/L
Temperature:
0–50 °C, **32–122 °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/m³
Power source:
External power supply
IP class: IP42



CO₂ and Temperature sensor

CO₂: 0–9999 ppm
Temperature:
0–50 °C, **32–122 °F**
Battery life up to: 8 years
IP class: IP67

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.



T probe

Temperature:
-55–105 °C, -67–221 °F
Battery life up to: 10 years
IP class: IP68



PT100 sensor

Available with more than 20 different custom probes
Temperature:
-50–180 °C, -58–356 °F
Battery life up to: 12 years
IP class: IP68



4xT-Probe sensor

Measures temperature simultaneously with four platinum resistance thermometer probes.
Temperature:
-30–180 °C, -22–356 °F
Battery life up to: 10 years
IP class: IP65



T Compact sensor

Temperature:
-40–60 °C, -40–140 °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.



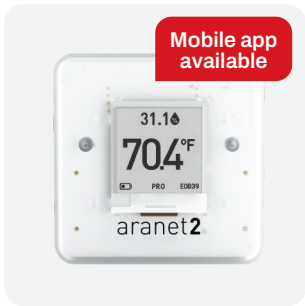
T/RH IP42

Temperature:
-40–60 °C, -40–140 °F
Relative humidity: 0–100 %
Battery life up to: 10 years
IP class: IP42



T/RH IP67

Temperature:
-40–60 °C, -40–140 °F
Relative humidity: 0–100 %
Battery life up to: 10 years
IP class: IP67



Aranet2 HOME / PRO

Temperature:
0 °C–50 °C, 32–122 °F
Relative humidity: 0–85 %
Battery life up to: 10 years
IP class: IP20



T/RH probe

Temperature:
-40–85 °C, -40–185 °F
Relative humidity: 0–100 %
Battery life up to: 10 years
IP class: IP67

Other sensors



4–20 mA transmitter

Integrate with third-party mA output sensors to expand monitoring capabilities with Aranet ecosystem
Current: 4–20 mA
Built-in power supply options: 12 VDC and 24 VDC
Power source: External power supply
IP class: IP67



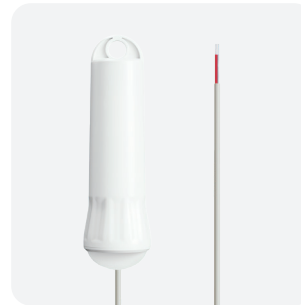
0–10 V transmitter

Integrate with third-party V output sensors to expand monitoring capabilities with Aranet ecosystem
Voltage: 0–10 V
Built-in power supply options: 12 VDC and 24 VDC
Power source: External power supply
IP class: IP67



Dry Contact Hour meter

Detects the time the contact is either opened or closed between two wired contact points.
Battery life up to: 9 years
IP class: IP68



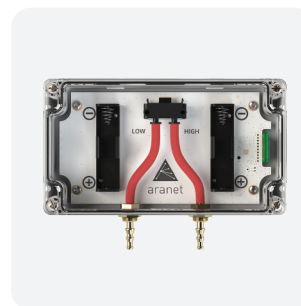
Dry Contact Pulse counter

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



AC Hour meter

Accurately measures operational time for any device connected to the power grid.
Input voltage: 85–265 VAC
Battery life up to: 10 years
IP class: IP67



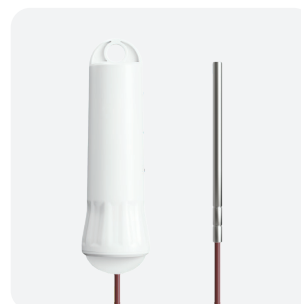
Differential Pressure sensor

Measure the air pressure difference between two points. Suitable for HVAC, building automation, clean rooms, filter monitoring, and more.
Pressure range: ±500 Pa, **±0.0725 psi**
Battery life up to: 10 years
IP class: IP65



Energy meter kits

Available: single-phase and Three-phase energy meter kits.
Battery life up to: 10 years
IP class (energy meter): IP51
IP class (sensor): IP68



PT100 / PT1000 transmitter

Temperature: -200–800 °C, **-328–1472 °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

FOR MORE DETAILED INFORMATION ABOUT ARANET PRODUCTS, PLEASE VISIT [ARANET.COM](https://aranet.com),
 OR CONTACT ARANET REPRESENTATIVE AT [INFO@ARANET.COM](mailto:info@aranet.com).

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