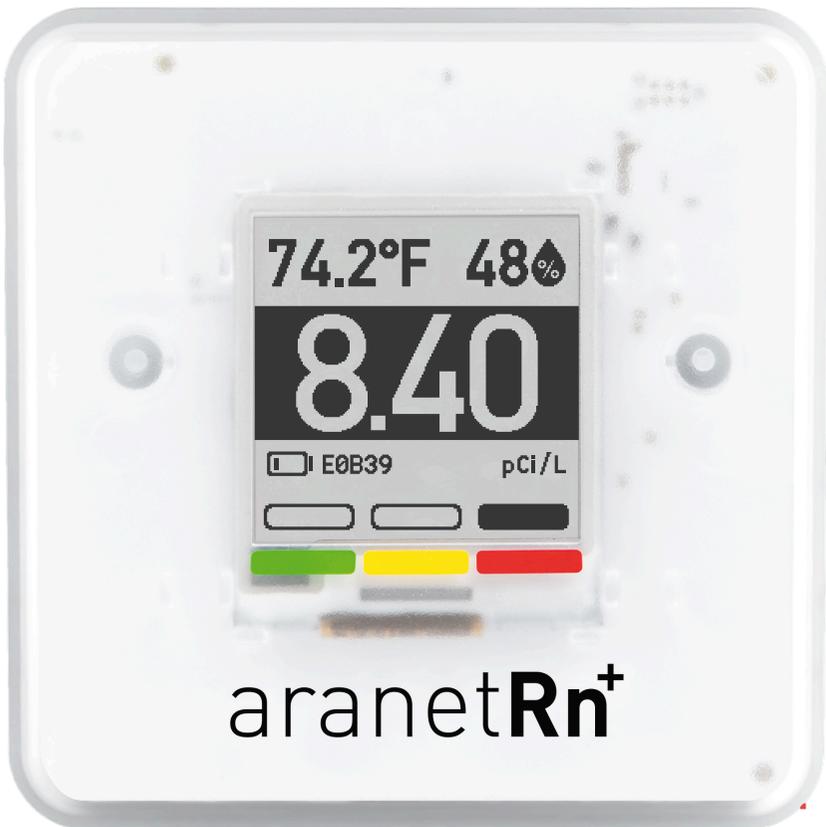
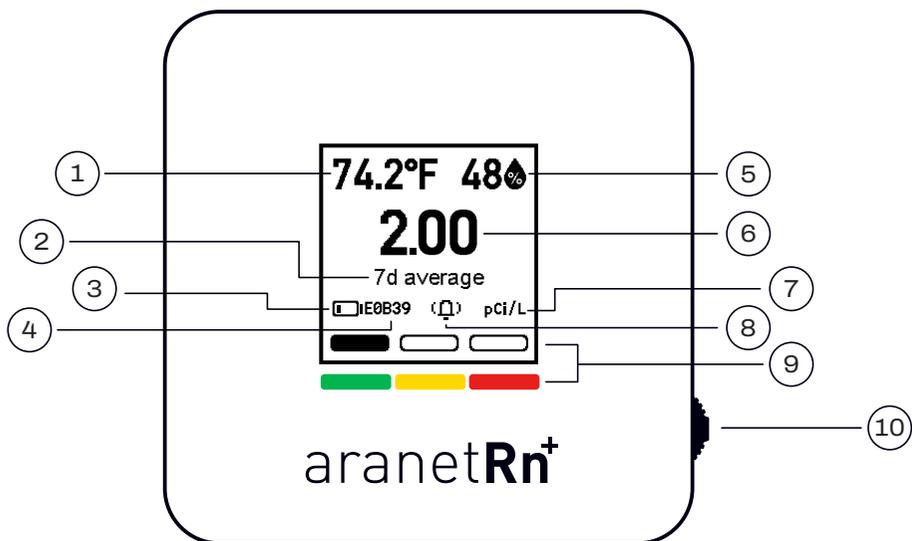




# Radon Plus sensor Quick start guide



Product number:  
TDSPSRH2



1. Temperature (°C, °F)
2. Averaging period for measurement (24h, 7d, 30d)
3. Battery level
4. Device number
5. Relative humidity (%)
6. Radon level
7. Radon level units (pCi/L, Bq/m<sup>3</sup>)
8. Buzzer status (If this symbol is not visible, the buzzer is switched off)
9. Radon threshold indication
10. Action Switch  
(Press to enter the menu or push up and down to switch measurement types)

# What does Aranet Radon Plus measure?

## Radon gas

is tasteless, odorless, and hard to detect, posing serious health risks. It escapes from the ground into the air and can accumulate in your home. According to the [World Health Organization](#)<sup>1</sup>, radon is one of the leading causes of lung cancer. Since its levels can fluctuate regular radon monitoring is vital.

Aranet Radon Plus sensor offers real-time radon monitoring. With wireless functionality and qualitative components, it ensures accurate measurements. The E-Ink display and long battery life make it ideal for continuous indoor air quality monitoring.



## Green

(Under 2.7 pCi/L)  
Under 100 Bq/m<sup>3</sup>

Recommended by WHO as national reference for annual average residential radon concentration



## Yellow

(2.7 pCi/L to 8.1 pCi/L)  
100 Bq/m<sup>3</sup> to 300 Bq/m<sup>3</sup>

Recommended by WHO as national reference annual average residential radon concentration even for countries with specific conditions



## Red

(Above 8.1 pCi/L)  
Above 300 Bq/m<sup>3</sup>

Prolonged exposure to such radon concentrations linked to health problems

## Temperature<sup>2</sup>

The optimal indoor temperature ranges from 18 to 24 °C / 64 to 75 °F

## Relative humidity<sup>3</sup>

The ideal relative humidity is between 30 – 50 % indoors. Low humidities (< 30 %) can cause skin to get dry and irritable. Environments that are too high (> 50 %) cause bacteria and mold to breed.

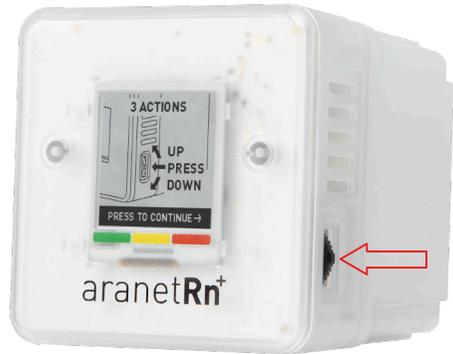
<sup>1</sup>[who.int/news-room/fact-sheets/detail/radon-and-health](http://who.int/news-room/fact-sheets/detail/radon-and-health)

<sup>2</sup>[aranet.com/library/epahumidityguidelines](http://aranet.com/library/epahumidityguidelines)

<sup>3</sup>[aranet.com/library/whotemperatureguidelines](http://aranet.com/library/whotemperatureguidelines)

# Setting up the device

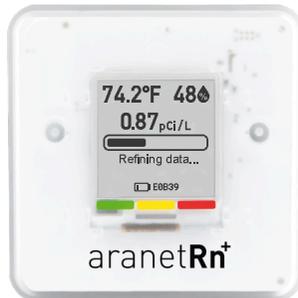
Insert the batteries, ensuring the correct polarity, and your Aranet Radon Plus sensor is ready to go! Press the switch to continue.



Please wait 10 minutes for the first measurement to appear. It takes 1 hour to achieve full measurement accuracy.



Please wait

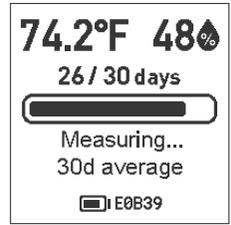
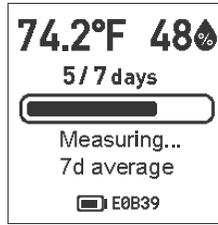
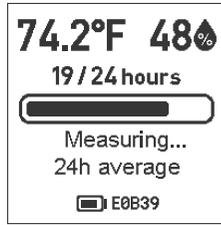
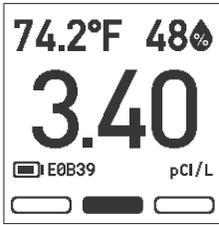


Ready to use



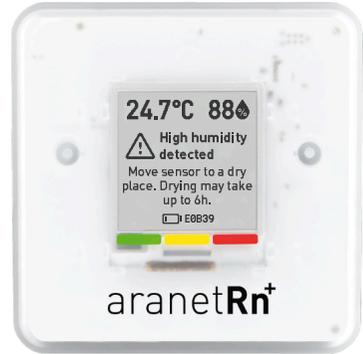
Ready to use

If the sensor operational time is shorter than the selected average measurement time, a status indicator will be displayed.

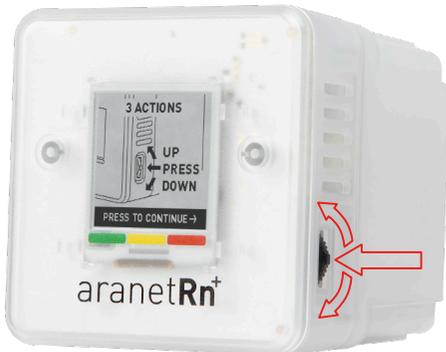


### CAUTION

If the sensor is exposed to humidity over 90%, a message about high humidity will appear on the screen. Place the sensor in a drier location, and it will resume normal operation.

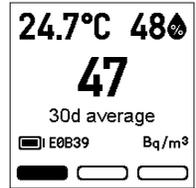
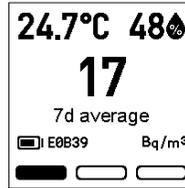
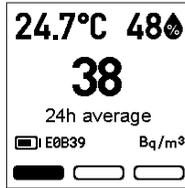
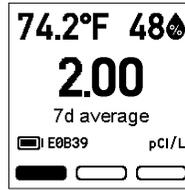
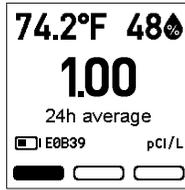


## Configuration of the device



- To change the radon levels displayed for different averaging period (10 min, 24h, 7d, 30d) push the switch up or down.
- To enter the settings, press the switch inwards.
- Most of the settings are configurable in the Aranet Home app.

Push the switch up or down to select the radon levels averaging period.



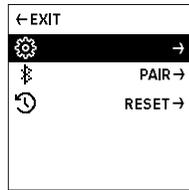
10 minutes

24 hours

7 days

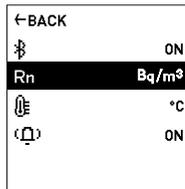
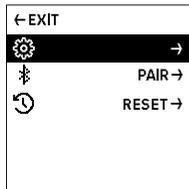
30 days

To enter the settings, press the switch inwards. In settings you can:



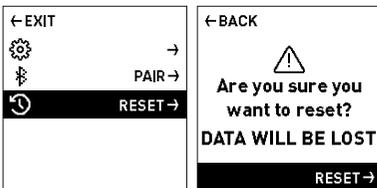
- ← Configure the device
- ← Enable sensor pairing with Aranet Home app
- ← Reset the measurements

To navigate the menu push the switch up or down. Press the switch inwards again to choose an item.



- ← Bluetooth signal
- ← Units for Radon levels
- ← Units for temperature
- ← Buzzer status

When a reset is performed the data will be permanently lost. You should reset this history only if:



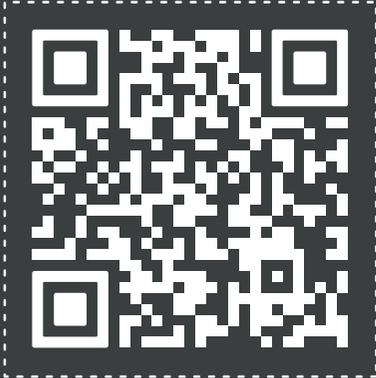
- The device is passed to you by someone else and the data does not apply to you anymore.
- You just want to start fresh, like at the beginning of a new year, as the data will be permanently lost.

See more

For more technical information see Aranet Radon sensor data sheet.

# Aranet Home app

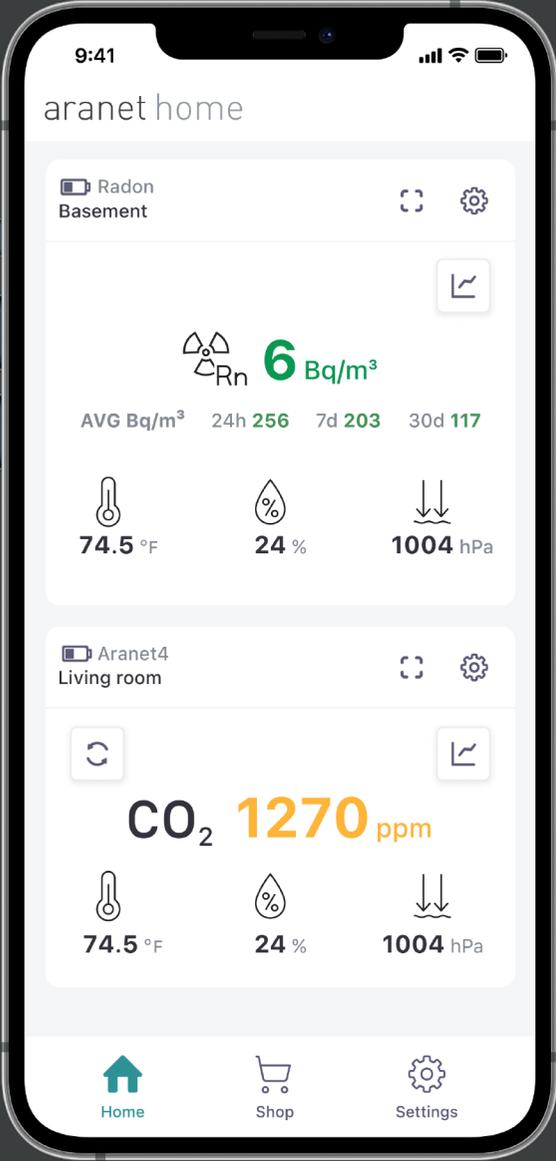
Open and use phone camera to scan QR to download the app or click the button



Go to App

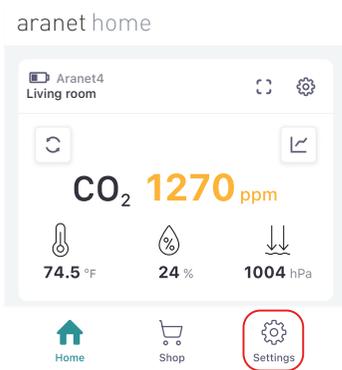
Available on the  
**Google Play**

Download on the  
**App Store**

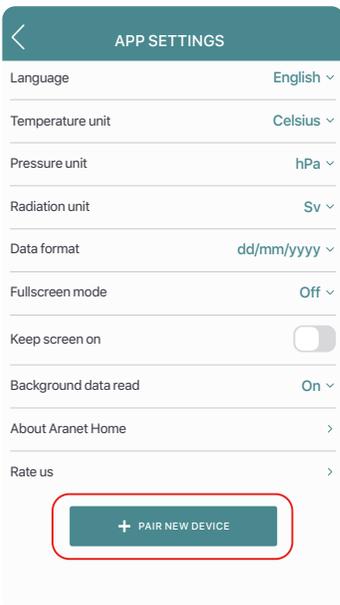


# Pair the sensor to Aranet Home app

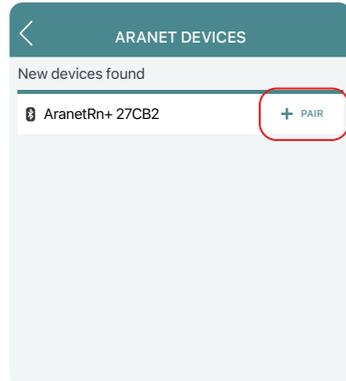
1. To initiate pairing, navigate to the Settings in Aranet Home app



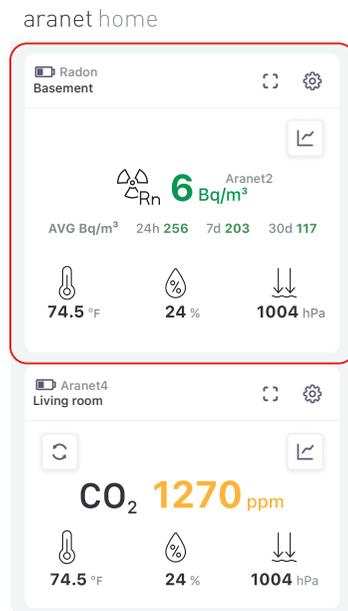
2. select "PAIR NEW DEVICE."



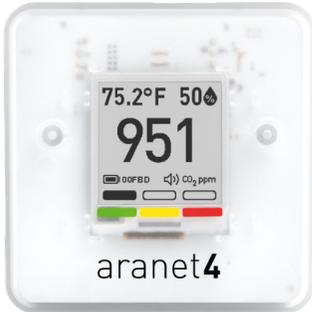
3. Find your sensor in the list—the sensor device number is shown on the sensor screen. Click "PAIR" and follow the pairing procedure.



4. Once pairing is complete, your sensor is ready to use.



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Perfect companion for indoor environments. Aranet4 monitors CO<sub>2</sub> concentration, temperature, relative humidity, and atmospheric pressure.

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