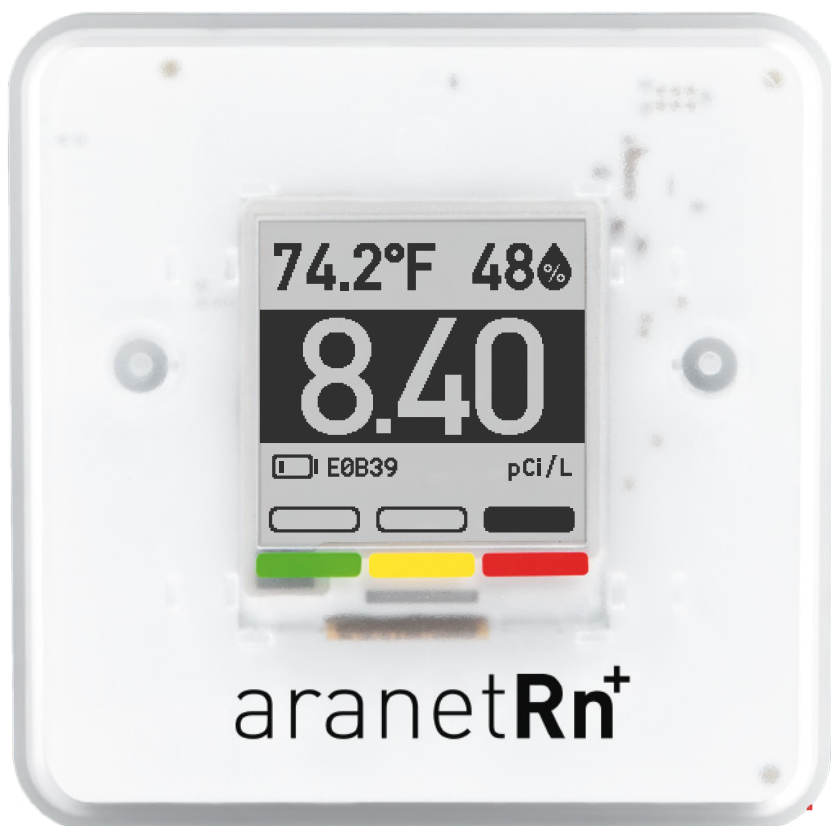




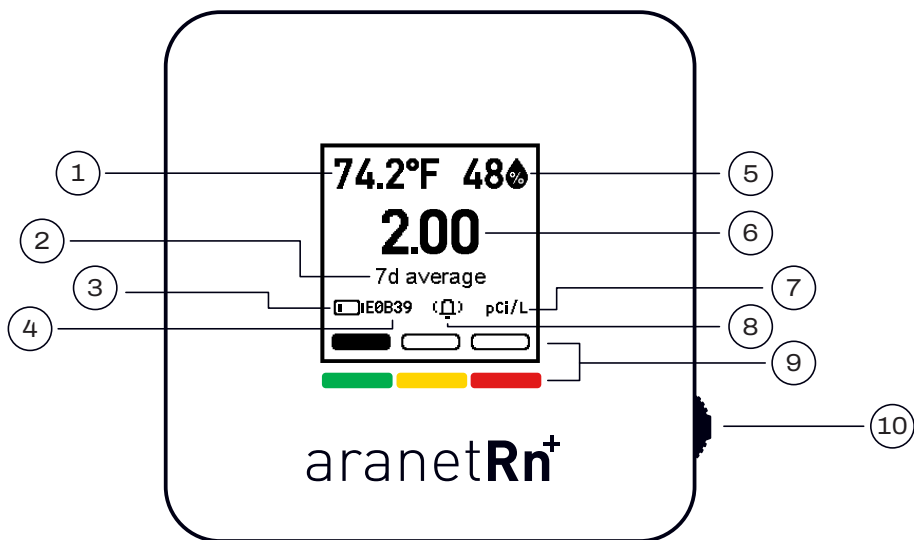
aranet

by SAF Tehnika

# 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/m³)
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

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

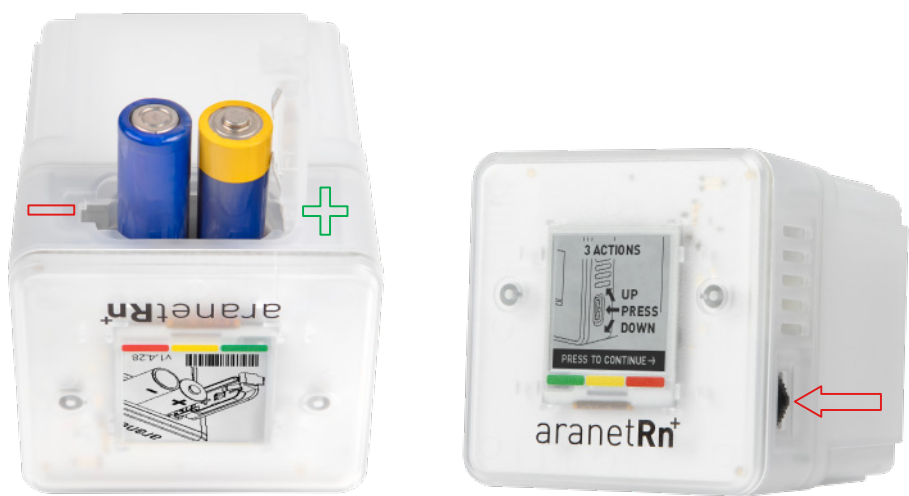
## Relative humidity

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.

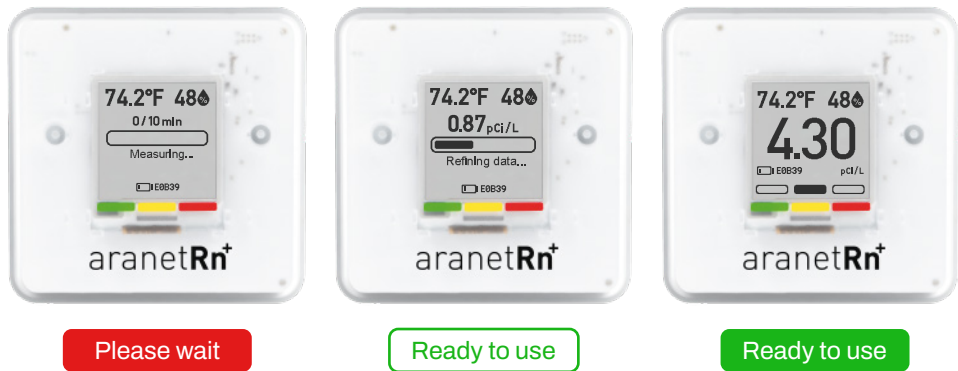
<sup>1</sup>[who.int/news-room/fact-sheets/detail/radon-and-health](https://www.who.int/news-room/fact-sheets/detail/radon-and-health)

# Setting up the device

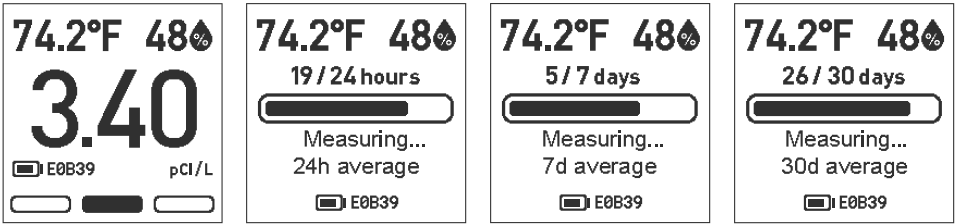
Insert the batteries, ensuring the correct polarity, and your Aranet Radon Plus sensor is ready to go! Press the switch to continue.



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



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

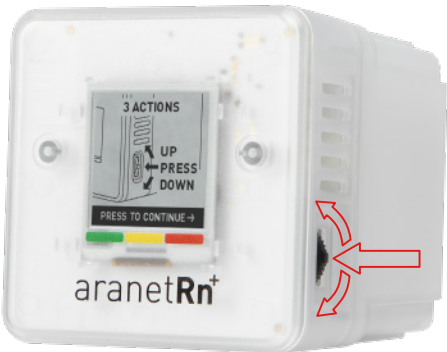


**CAUTION**

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.

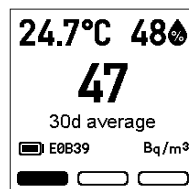
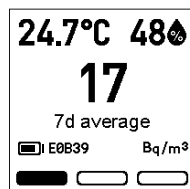
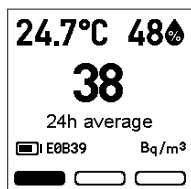
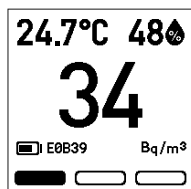
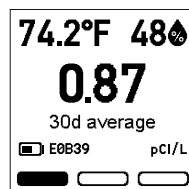
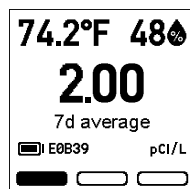
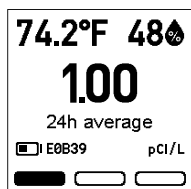
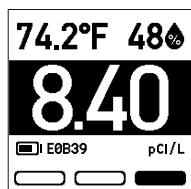


# Configuration of the device



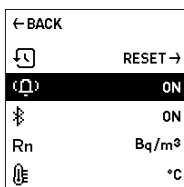
- To change the radon levels displayed for different averaging period (10 min, 24h, 7d, 30d) push the switch up or down.
- To enter the settings, press the switch inwards.
- Most of the settings are configurable in the Aranet Home app.

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



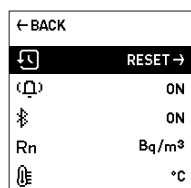
To enter the settings, press the switch inwards.

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



- ← Reset the measurements
- ← Buzzer status
- ← Bluetooth signal
- ← Units for Radon levels
- ← Units for temperature

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



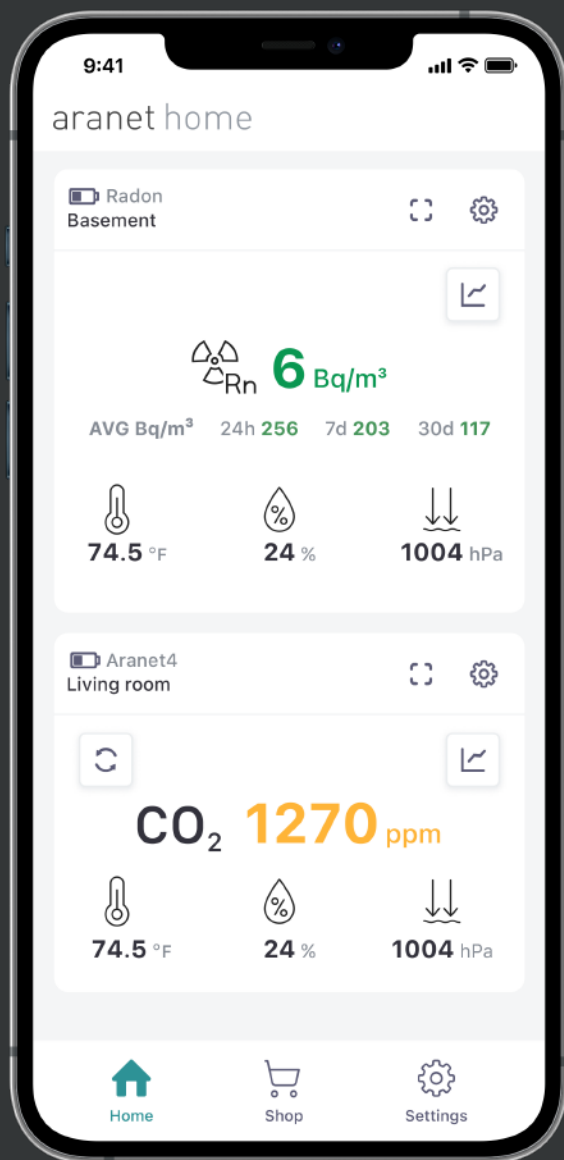
Go to App



Available on the  
**Google Play**

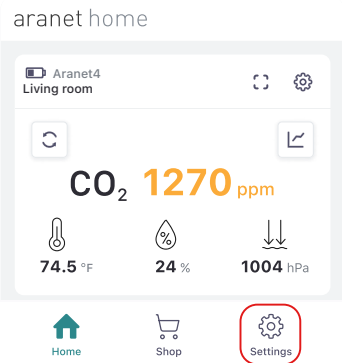


Download on the  
**App Store**

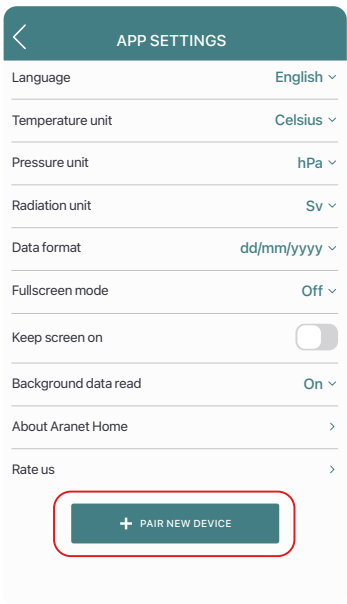


# Pair the sensor to Aranet Home app

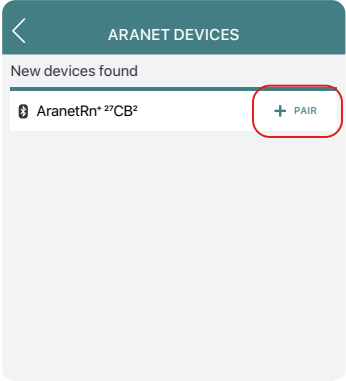
1. To initiate pairing, navigate to the Settings in Aranet Home app



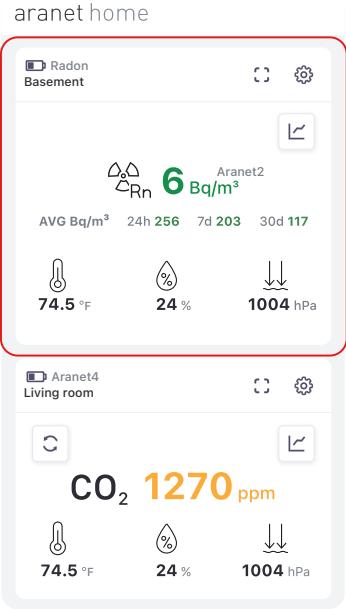
2. select “PAIR NEW DEVICE.”



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.





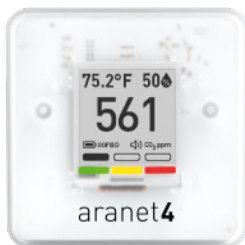
# Check out our other products:



## Aranet Radon One

Aranet Radon One tracks indoor radon and shows results on a clear E-Ink display. First result in 10 minutes, accurate readings after 1 hour. Runs cable free for years.

[Buy now](#)



## Aranet4 HOME

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

[Buy now](#)



## Aranet Radiation

Aranet Radiation sensor ensures comprehensive ionizing radiation monitoring by measuring both the total dose and dose rate, with an optional instant audial ionizing radiation detection feature

[Buy now](#)



## Aranet2 HOME

A simple solution for monitoring indoor temperature and relative humidity.

[Buy now](#)

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