

PRELIMINARY — PENDING VALIDATION

Space Radon

Space Radon brings continuous, highly accurate radon monitoring to the Airthings for Business solution, combined with CO₂, humidity, temperature, pressure, and light sensors. Featuring an ultra-low-power customizable display and seamless integration with existing Airthings for Business deployments, Space Radon makes long-term monitoring simple and scalable.



- Radon
- CO₂
- Humidity
- Air pressure
- Temperature
- Light
- Occupancy
- Virus risk
- Ventilation rate
- Mold risk

Product codes

DEVICE SERIAL NUMBER

2966 · XX XXXX XX

Global

US · CA · EU · UK · AU · IN

EAN 7090031109769

UPC 854232008118

SKU 976

MODEL 2966

● PACKAGE CONTENT

- Airthings Space Radon
- 6 × 1.5 V Lithium AA batteries
- Double-sided tape
- Security mount
- Optional USB cable 6 ft (1.8 m) — 5 pack
- Optional bracket for fixed power supply

● REQUIREMENTS

Airthings Space Hub needed to post sensor values to cloud. Firmware updates download and install over the air (OTA) via the Space Hub.

- SmartLink 863–870 / 902–928 MHz

- OTA updates

Physical & deployment

● DEVICE

WEIGHT	12.7 oz 360 g w/ batt
SIZE	6.69 × 3.54 × 1.30 in 17.0 × 9.0 × 3.3 cm

● PACKAGE

WEIGHT	15.17 oz 430 g
SIZE	7.9 × 4.5 × 2.4 in 20.1 × 11.4 × 6.1 cm

● MOUNTING

Wall mount or table top. Optimum placement at breathing height 3.6–5.6 ft (110–170 cm). Maximum mounting height 6.56 ft (200 cm). Tape included; or use 3 × M4 countersunk screws (not included).

● POWER

BATTERY	Up to 10 yrs lithium AA
SAMPLE	5 min default 2.5–60 min config.

● OPERATIONAL ENVIRONMENT

39 °F to 104 °F (4 °C to 40 °C)
10 – 80 % RH (non-condensing)

● OUTSIDE ENVELOPE

Operation below 32 °F (0 °C) or above 90 % RH
can cause permanent damage to the product.

● FIRMWARE

Automatically downloaded and installed over the
air (OTA) via the Airthings Space Hub.

Sensor specifications

Space Radon samples its on-device sensors every five minutes, with configurable intervals from 2.5 to 60 min on selected sensors. Radon accuracy improves the longer the device collects data.

Radon Alpha spectrometry DETECTOR Passive diffusion chamber UNIT Bq/m ³ (pCi/L) ACCURACY At 200 Bq/m ³ : ± 10 % after 7 days; ± 5 % after 2 months SETTLING Improves over time	CO₂ NDIR RANGE 400 – 5 000 ppm ACCURACY ± 50 ppm ± 3 % at 400–2 000 ppm RESOLUTION 1 ppm SETTLING ~7 days	Relative humidity Solid state RESOLUTION 0.5 % RH ACCURACY ± 3 % RH at 77 °F (25 °C) within 20–80 % RH
Temperature Solid state RESOLUTION 0.1 °F (0.1 °C) ACCURACY ± 0.5 °C at 77 °F (25 °C)	Air pressure Solid state ACCURACY ± 0.3 mbar / hPa RANGE 500 – 1100 mbar / hPa (14.77 – 32.48 inHg)	Relative light RANGE 0 – 100 %

Virtual sensors

Computed insights

- Occupancy
- Virus risk
- Ventilation rate
- Mold risk

Refer to the dashboard for the latest version.

Product dimensions



HEIGHT	3.54 in (90 mm)	WIDTH	6.69 in (170 mm)	DEPTH	1.30 in (33 mm)
WEIGHT	127 oz (360 g)	MOUNTING	Wall or table top	OPTIMUM HT.	3.6 – 5.6 ft (110 – 170 cm)

Radio specifications

• BLUETOOTH LOW ENERGY

OUTPUT	< 5 mW
FREQUENCY	2 400.0 – 2 483.5 MHz

• AIRTHINGS SMARTLINK

OUTPUT	< 25 mW
NORTH AMERICA	902 – 928 MHz
EU / ROW	863 – 870 MHz

i Radon results represent a rolling measurement that improves in accuracy the longer the device collects data. Refer to the Airthings dashboard for the latest firmware version and documentation.