



AIRTHINGS | FOR BUSINESS



MONITORS



RADON



CO₂



VOC



PRESSURE



HUMIDITY



TEMP



LIGHT

↳ VIRTUAL SENSORS: ↳



OCCUPANCY



VIRUS RISK



AIR CHANGES

Space Plus

Equipped with a Radon Sensor for the Airthings Ecosystem

- Monitors seven key conditions
- Intelligent virus risk assessment
- Encrypted data sent via cellular powered space hub to Airthings cloud, dashboard, and mobile app
- Transmits data securely via long range SmartLink technology eliminating wifi risk
- Secure and encrypted end-to-end solution
- Scalable platform seamlessly integrates multiple Airthings for Business solutions
- Simple and intuitive installation requiring no wiring or tools



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Space Plus

Equipped with a Radon Sensor for the Airthings Ecosystem

DESCRIPTION

Space Plus gives full visibility into radon, carbon dioxide (CO2), airborne chemicals and odors (VOCs), humidity, temperature, air pressure and light - seven key factors of IAQ. It's the ideal solution for employers, facility managers and schools.

PRODUCT FEATURES

Sensors*: Radon, CO2, VOCs, Temp, Relative Humidity, Air Pressure, Relative Light Intensity (0 - 100 %)

Battery Life: 1.5 years on Alkaline (2 years on Lithium)

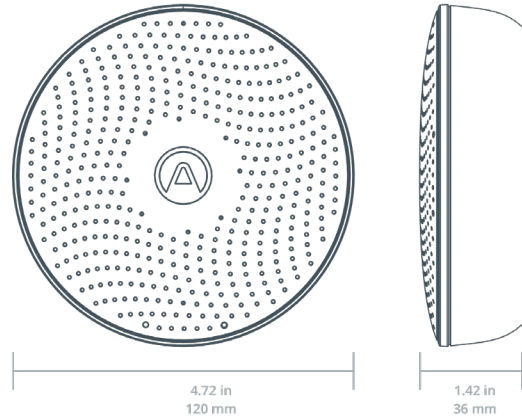
Firmware Updates: Automatically downloaded and installed over the air (OTA) via the Space Hub

* Space Hub is needed to post sensor values to cloud. Annual subscription fee for device is required

Sensor Specifications

- CO2 SENSOR
 - NDIR Sensor (Non-Dispersive Infra-Red): Measurement range 400–5000 ppm
 - Resolution: 1 ppm
 - Accuracy: ± 30 ppm ± 3 % within 59 to 95 °F (15 – 35 °C) and 10 – 80 % RH can be reached after multiple settling cycles on locations with natural indoor CO2 fluctuations
 - Settling time: -7 days
- RELATIVE HUMIDITY SENSOR
 - Technology: Solid state sensor
 - Resolution: 0.5 %RH
 - Accuracy: ± 3 %RH at 77 °F (25 °C) within 20-80 %RH
 - Sensor sampling interval: 5 min, except radon 60 min
- TEMPERATURE SENSOR
 - Technology: Solid state sensor
 - Resolution: 0.1 °F (0.1 °C)
 - Accuracy: ± 0.9 °F at 77 °F / ± 1.8 °F from 32- 140°F (± 0.5 °C at 25 °C / ± 1 °C from 0-60 °C)
- PRESSURE SENSOR
 - Technology: Solid state sensor
 - Resolution: 0.02 mBar/hPA
 - Absolute accuracy: ± 0.6 mBar/hPA
 - Relative accuracy: ± 0.12 mBar/hPA
 - Measurement range: 500-1100 mBar/hPA
- LIGHT SENSOR
 - Measurement range: 0 - 100 %
- VIRUS RISK
 - Virtual sensor
- Sensor sampling interval: 5 min, except radon 60 min
- RADON SENSOR
 - Passive diffusion chamber
 - Detection method: Alpha spectrometry
 - Measurement range: 0 – 20,000 Bq/m3 (0 - 5,405 pCi/L)
 - Long term measurement accuracy at 200 Bq/m3 (5.4 pCi/L): After 7 days ± 10 %, after 2 months ± 5 %
- VOC SENSOR
 - Measurement range: 0-10 000 ppb
 - Resolution: 1 ppb
 - Settling time: -7 days
 - Accuracy: 20 $\mu\text{g}/\text{m}^3$ + 20% of reading at values between 150 and 2000 $\mu\text{g}/\text{m}^3$
- VIRTUAL SENSORS
 - Occupancy
 - Virus Risk
 - Air Changes

PRODUCT SPECIFICATIONS



Serial Number: 293xxxxxxx

Dimensions: 4.72 x 1.42 in (120 x 36 mm)

Weight: 7.72 oz (219 g) with batteries

Operational Environment (Temperature, Relative Humidity): 39 °F to 104 °F (4 °C to 40 °C) / 10 - 80 % (non-condensing)

Operation in temperatures < 32 °F (0 °C) or relative humidity > 90 % can cause permanent damage to the products

SmartLink frequencies: 865-868/902-928 MHz depending on region

MOUNTING

- Supports wall mounting or placement on table.
- Optimum product placement is breathing height of 3 - 6 ft (110 - 170 cm) above floor.
- Double sided tape for wall mounting included
- Only suitable for mounting at heights below 6.56 ft (200 cm).
- Alternatively use 1 screw of type countersunk M4 (not included)

PACKAGE CONTENT

Part Number: **SPACE PLUS**

- Package includes 1 device and accessories:
 - Airthings Space Plus
 - 2 x 1.5V Lithium AA batteries
 - 2 x Double-sided tape
 - Optional theft protection lid
- Package Dimension: 6.02 x 6.02 x 1.81 (153 x 153 x 46 mm)
- Weight: 12.2 oz (346 g)

MONITORS-7 CONDITIONS WITH 3 VIRTUAL SENSORS



VIRTUAL SENSORS:



Terms and conditions apply. Visit the Airthings website for more information.
airthings.com/en/business/terms-and-conditions



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