Space Plus

AIRTHINGS
FOR BUSINESS

							VIRTUAL SENSORS:		
RADON	CO_2	VOC	PRESSURE	HUMIDITY	TEMP	LIGHT	OCCUPANCY	VIRUS RISK	AIR CHANGES

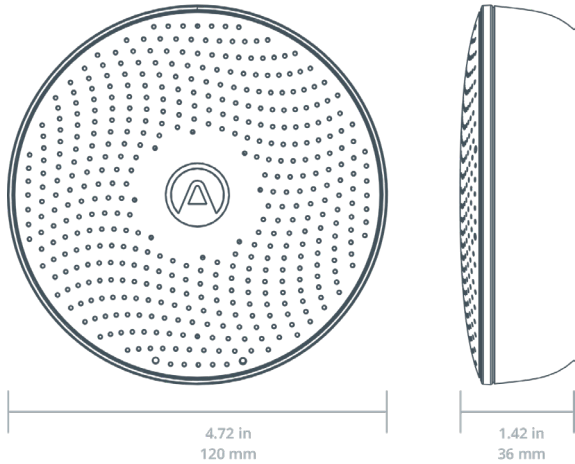## Equipped with a Radon Sensor for the Airthings Ecosystem

- 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 smart link 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 tools
- 2 year battery lifetime

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A **DMI** COMPANY

Space Plus

Equipped with a Radon Sensor for the Airthings Ecosystem

PRODUCT SPECIFICATIONS

4.72 in
120 mm

1.42 in
36 mm

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 ºC to 40 °C) / 10 - 80 % (non-condensing)

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

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

DESCRIPTION

Space Plus gives full visibility into radon, carbon dioxide (CO_2), 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

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)

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)

SENSOR SPECIFICATIONS

- 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 μg/m³ + 20% of reading at values between 150 and 2000 μg/m³
- 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 %
- VIRTUAL SENSORS
    - Occupancy
    - Virus Risk
    - Air Changes

MONITORS

VIRTUAL SENSORS:

RADON　　CO₂　　VOC　　PRESSURE　　HUMIDITY　　TEMP　　LIGHT　　OCCUPANCY　　VIRUS RISK　　AIR CHANGES

Terms and conditions apply. Visit the Airthings website for more information.

airthings.com/en/business/terms-and-conditions

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