

# Space Plus

formerly **Wave Plus for Business**



Space Plus gives full visibility into radon, carbon dioxide (CO<sub>2</sub>), 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.

## PACKAGE CONTENT

Airthings Space Plus  
2 x 1.5V Lithium AA Batteries  
Double-sided tape  
Optional theft protection lid

## MOUNTING

Supports wall mounting or placement on table. Optimum product placement is breathing height of 3.6 - 5.6 ft (110 - 170 cm) above floor. Only suitable for mounting at heights below 6.56 ft (200 cm). Double-sided tape for wall mount included in package. Alternatively use 1 screw of type countersunk M4 (not included)

## PRODUCT FEATURES

Sensors: Radon, CO<sub>2</sub>, VOCs, Temp, Relative Humidity, Air Pressure, Relative Light intensity (0 - 100 %)  
Battery life: Up to 2 years on Lithium (1.5 years on Alkaline)

## PHYSICAL SPECIFICATION

Weight : 7.72 oz (219 g) with  
2 x AA Lithium batteries  
Dimensions: 4.72 x 1.42 in (120 x 36 mm)

## REQUIREMENTS

Airthings Space Hub needed to post sensor values to cloud

## PACKAGE

Dimensions: 6.02 x 6.02 x 1.81 in  
(153 x 153 x 46 mm)  
Weight: 12.2 oz (346 g)

## PRODUCT SPECIFICATIONS

Operational Environment (Temperature, Relative Humidity):  
Space Plus: 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  
Firmware updates are automatically downloaded and installed over the air (OTA) via the Airthings Space Hub.

## PRODUCT CODES

Device serial number: 2930xxxxxx  
USA / CANADA EAN: 7090031109318  
SKU: 931 Modell: 2930  
EUROPE EAN: 7090031109325 SKU: 932  
SINGAPORE / HONG KONG  
EAN: 7090031109332 SKU: 933  
AUSTRALIA EAN: 7090031109363  
SKU: 936  
INDIA EAN: 7090031109356 SKU: 935



VIRTUAL SENSORS



OCCUPANCY

VIRUS RISK

VENTILATION RATE

# Space Plus

## 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/m<sup>3</sup>  
(0 - 5,405 pCi/L)  
Long term measurement accuracy at  
200 Bq/m<sup>3</sup> (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/m<sup>3</sup> + 20% of reading at  
values between 150 and 2000 µg/m<sup>3</sup>

### CO<sub>2</sub> 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 CO<sub>2</sub>  
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

### 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 (0.0006 inHg)  
Absolute accuracy:  
±0.6 mbar/hPa (0.02 inHg)  
Relative accuracy:  
±0.12 mbar/hPa (0.0035 inHg)  
Measurement range:  
500-1100 mbar/hPa (14.77 - 32.48 inHg)

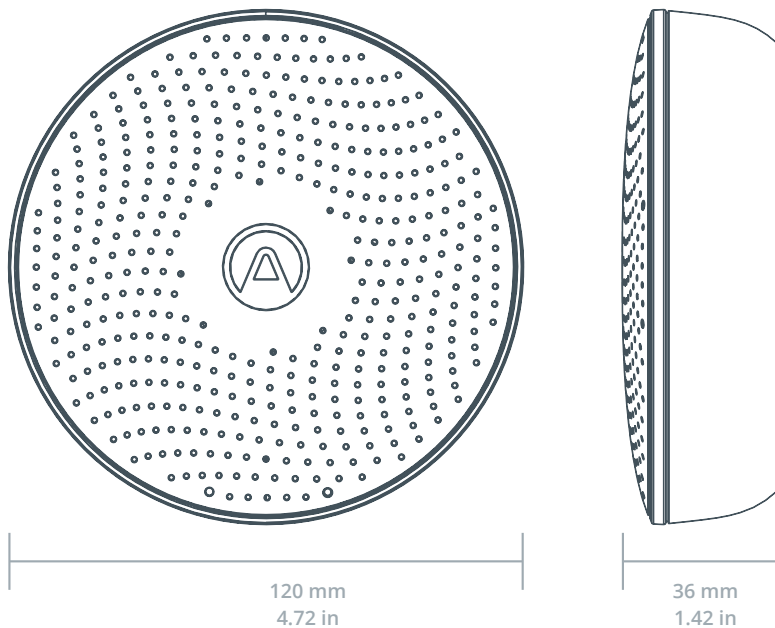
### LIGHT SENSOR

Measurement range: 0 - 100 %

### VIRTUAL SENSORS

Occupancy  
Virus Risk  
Ventilation Risk

## PRODUCT DIMENSIONS



VIRTUAL  
SENSORS

