

A complete and flexible air quality monitoring solution for any building



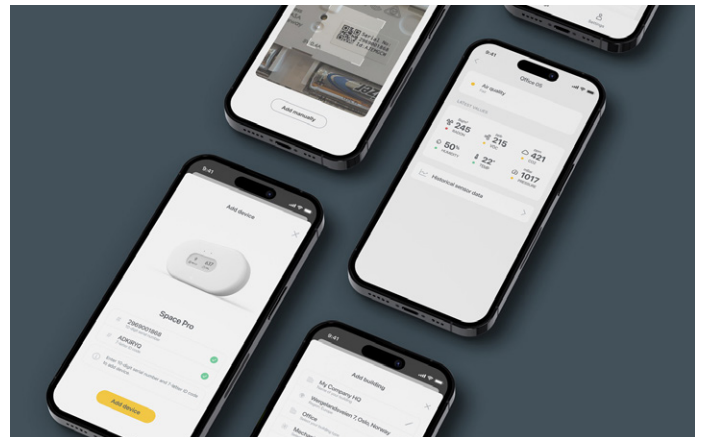
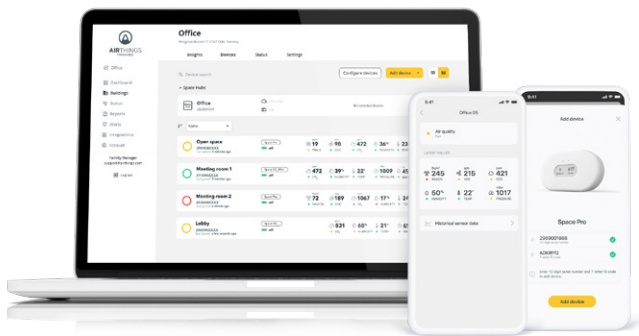
[airthings.com/business](https://airthings.com/business)

Airthings for Business allows businesses to monitor, measure and analyze their indoor air quality. Improving the health and wellbeing of a building directly impacts productivity and energy efficiency, be it an office building, residential block, medical facility or educational institution.

### DASHBOARD AND API

The Space Hub connects your Airthings devices online. Access real-time data from all your devices from the Airthings Dashboard, or through the API or a Webhook. The Airthings Dashboard includes alerts, advanced analytics and reporting. In addition, easily view, compare and export data and receive tips to reduce indoor air hazards, optimize ventilation and save on energy costs.

Each Airthings for Business Subscription includes unlimited cloud storage of sensor data.



# Space Hub

formerly **Hub for Business**



The Space Hub is an integral part of the Airthings ecosystem which collects data from in-range sensors and provides real-time access to all the information you need to optimize air quality in your building.

## AIRTHINGS SMARTLINK

SmartLink is the Airthings proprietary long range and low power IoT protocol between Hub and Airthings devices. SmartLink connectivity can typically penetrate 3 thick walls/floors or 10 drywalls (non-loadbearing walls). Airthings devices will always connect to the closest Hub and additional Hubs can be installed to increase coverage. The mounting bracket allows for placing the Airthings for Business Solution products on a flat surface or fixing it with double-sided tape or screws to the wall.

## PACKAGE CONTENT

- Airthings Space Hub
- Ethernet cable
- Mounting bracket
- Rubber bumper pads (for flat surface)
- Double-sided tape (for wall mount)
- Power supply adaptor
- US interchangeable supply blade
- EU interchangeable supply blade
- UK interchangeable supply blade
- AU interchangeable supply blade
- Optional Power over Ethernet-splitter for combined power supply and ethernet connection.

## REQUIREMENTS

Cellular connection with built-in eSIM or Ethernet connection.

## PACKAGE

Dimensions: 6.22 x 6.22 x 3.11 in (158 x 158 x 79 mm)

Weight: 20.2 oz (574 g)

## PHYSICAL SPECIFICATION

Dimensions: 5.12 x 5.12 x 0.98 in (130 x 130 x 25 mm)

Weight: 9.1 oz (258 g)

## PRODUCT CODES

Device serial number: 2820xxxxxx

HUB CELLULAR, MODEL 2820

SKU: 282 / EAN: 7090031108205,

certified for use in EU/EFTA/CH/UK, US/CA, UAE, SG, HK/MO, AUS/NZ, TH, MY

HUB CELLULAR, MODEL 2820

SKU: 302 / EAN: 7090031103026,

certified for use in IN

HUB CELLULAR, MODEL 2820

SKU: 303 / EAN: 7090031103033,

certified for use in JP

HUB CELLULAR, MODEL 2820

Space Hub 9F

SKU: 305 / UPC: 854232008613 /

EAN: 7090031103057,

certified for use in US/CA, HK/MO, AUS/NZ

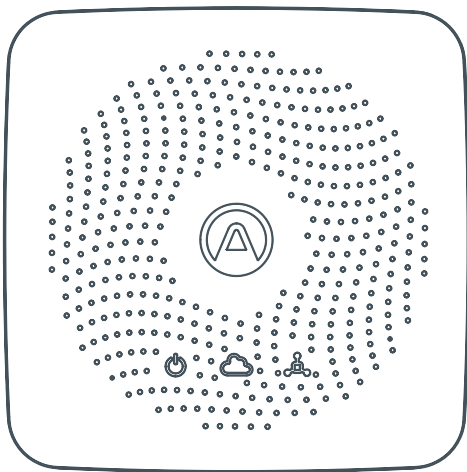
HUB CELLULAR, MODEL 2820

Space Hub 8F

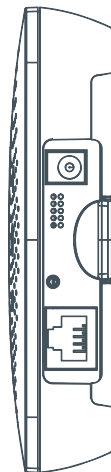
SKU: 304 / EAN: 7090031103040

certified for use in EU/EFTA/CH/UK, UAE

## PRODUCT DIMENSIONS



130 mm  
5.12 in



25 mm  
0.98 in

# Space Pro

formerly **View Plus for Business**



The most comprehensive indoor air quality monitor in the Airthings for Business solution, including PM, noise and more. The Space Pro has an ultra low battery consumption customizable display. Can be seamlessly added into an existing Airthings for Business solution.

## PACKAGE CONTENT

- Airthings Space Pro
- 6 x 1.5V Lithium AA batteries
- Double-sided tape
- Security mount
- Optional USB cable 6 ft. (1.8 m) (5 pack)
- Optional bracket for fixed power supply
- Optional in-wall fixed power supply

## 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 3 screws of type countersunk M4 (not included).

## PRODUCT FEATURES

Sensors: PM<sub>1</sub>, PM<sub>2.5</sub>, VOC, CO<sub>2</sub>, Noise, Relative Humidity, Air Pressure, Temperature, Relative Light Intensity (0 - 100 %)  
 Battery life: Up to 4 years on Lithium (depending on the sensor interval settings)

## REQUIREMENTS

Airthings Space Hub needed to post sensor values to cloud.

## PHYSICAL SPECIFICATION

Weight: 12.7 oz (360 g) with batteries  
 Dimensions: 6.69 x 3.54 x 1.30 in (170 x 90 x 33 mm)

## PACKAGE

Dimensions: 7.9 x 4.5 x 2.4 in (200 x 115 x 60 mm)  
 Weight: 15.17 oz (430 g)

## PRODUCT CODES

Device serial number: 2969xxxxxx  
 US / CANADA EAN: 7090031109615  
 SKU: 961 Model: 2969  
 EUROPE EAN: 7090031109622 SKU: 962  
 SINGAPORE / HONG KONG  
 EAN: 7090031109639 SKU: 963  
 AUSTRALIA EAN: 7090031109646  
 SKU: 964  
 INDIA EAN: 7090031109653 SKU: 965

## PRODUCT SPECIFICATIONS

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  
 Firmware updates are automatically downloaded and installed over the air (OTA) via the Airthings Space Hub  
 SmartLink frequencies: 865-868/902-928 MHz depending on region



VIRTUAL SENSORS



PM

CO<sub>2</sub>

VOC

HUMIDITY

TEMP

PRESSURE

LIGHT

NOISE

OCCUPANCY

VIRUS RISK

VENTILATION RATE

# Space Pro

## SENSOR SPECIFICATIONS

Sensor sampling interval: 5 min.  
Space Pro offers in addition configurable sensor sampling intervals from 2.5 min to 60 min for selected sensors. When powered through USB cabled, PM sensor can run continuously.

### RELATIVE HUMIDITY SENSOR

Technology: Solid state sensor  
Resolution: 0.5 %RH  
Accuracy:  $\pm 3$  %RH at 77 °F (25 °C) within 20-80 %RH

### TEMPERATURE SENSOR

Technology: Solid state sensor  
Resolution: 0.1 °F (0.1 °C)  
Accuracy:  $\pm 0.9$  °F at 77 °F /  $\pm 1.8$  °F from 32-140°F ( $\pm 0.5$  °C at 25 °C /  $\pm 1$  °C from 0-60 °C)

### PRESSURE SENSOR

Technology: Solid state sensor  
Pressure Accuracy:  $\pm 0.6$  mbar/hPa (0.02 inHg) range 500-1100 mbar/hPa (14.77-32.48 inHg)

### VOC SENSOR

Technology: Metal-oxide based gas sensor  
Measurement range: 0-10 000 ppb  
Settling time: ~7 days  
Accuracy:  $20 \mu\text{g}/\text{m}^3 + 15\%$  at values between 1 and  $500 \mu\text{g}/\text{m}^3$   
Resolution:  $1 \mu\text{g}/\text{m}^3$

### PARTICULATE MATTER

Technology: laser scattering based optical particle counter  
Particle size detection range: 300 nm to 10  $\mu\text{m}$   
Measurement Range:  $1\text{-}1000 \mu\text{g}/\text{m}^3$   
PM<sub>1</sub> and PM<sub>2.5</sub> Measurement Accuracy: below  $150 \mu\text{g}/\text{m}^3$ :  $\pm (5 \mu\text{g}/\text{m}^3 + 15 \%)$ , above  $150 \mu\text{g}/\text{m}^3$ :  $\pm (5 \mu\text{g}/\text{m}^3 + 20 \%)$ .  
PM<sub>10</sub> Measurement Accuracy: below  $100 \mu\text{g}/\text{m}^3$ :  $\pm 25 \mu\text{g}/\text{m}^3$ , above  $100 \mu\text{g}/\text{m}^3$ :  $\pm 25\%$  (under evaluation)  
Calibrated with a GRIMM reference instrument using cigarette smoke source.  
Resolution:  $1 \mu\text{g}/\text{m}^3$   
Classified as Class 1 Laser per IEC60825-1 Ed. 3. This device complies with 21 CFR 1040.10 and 1040.11, except for

conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019. Caution: This device contains one or more lasers. Use other than as described in the user guide, repair, or disassembly may cause damage, which could result in hazardous exposure to infrared.

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

NDIR Sensor (Non-Dispersive Infra-Red):  
Measurement range 400–5000 ppm.  
Settling time: ~7 days  
Accuracy  $\pm 50$  ppm  $\pm 5 \%$  at 400-2000 ppm within 50 - 95 °F (10 - 35 °C) and 0 - 80 %RH, after initial settling time of 7 days.  
Resolution: 1 ppm

### LIGHT SENSOR

Measurement range: 0 - 100 %

### NOISE SENSOR

Dynamic range: 35 - 120 dBA SPL (optimization pending)

### VIRTUAL SENSORS

Occupancy  
Virus Risk  
Ventilation Rate

## RADIO SPECIFICATIONS

### BLUETOOTH LOW ENERGY

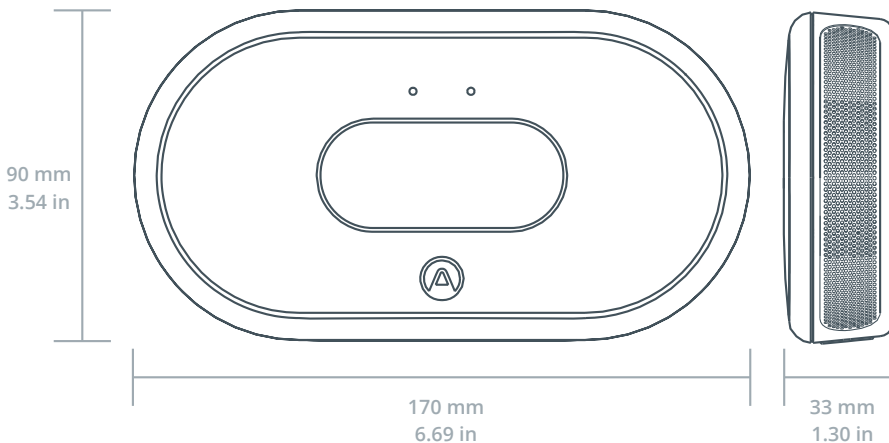
Output power: <5 mW  
Frequency Range (MHz): 2400.0 - 2483.5

### AIRTHINGS SMARTLINK

Output power: <25 mW  
Frequency range (MHz):  
Europe 868 - 870  
North America 902-928

Singapore 920-923  
Hong Kong 920-923  
Australia 923-928  
India 865-870

## PRODUCT DIMENSIONS



PM



CO<sub>2</sub>



VOC



HUMIDITY



TEMP



PRESSURE



LIGHT



NOISE

VIRTUAL SENSORS



OCCUPANCY



VIRUS RISK



VENTILATION RATE

# Space CO<sub>2</sub> Mini



Space CO<sub>2</sub> Mini is the discreet answer to increasing focus and regulations on CO<sub>2</sub> monitoring in schools, public buildings and offices. Offered in a 4-pack, Space CO<sub>2</sub> Mini helps cover more spaces in your building, ensuring optimal ventilation and energy usage. Wireless, with up to 10 years or more battery lifetime.



## PACKAGE CONTENT

Airthings Space CO<sub>2</sub> Mini  
2 x 1.5V Lithium AA batteries  
Double-sided tape  
Battery lid with theft protection

## PACKAGE

4 devices included in package  
Dimension: 7.9 x 4.5 x 2.4 in  
(200 x 115 x 60 mm)  
Weight: 148 oz (419 g)

## PRODUCT CODES

EU, India and United Arab Emirates (UAE)  
311xxxxxx - serial number  
4-pack EU/UAE SKU 13110, EAN  
709003110 0117 UPC NA \*  
North America and ROW 312xxxxxxx -  
serial number  
4-pack North America SKU 13120, EAN  
709003110 0124 UPC 854232008552 \*

## MOUNTING

Optimum product placement is on wall  
3.6 - 5.6 ft (110 - 170 cm) above floor.  
Double sided tape for mounting included.  
Alternatively use two fully threaded  
countersunk screws 3.5 x 25 mm or longer  
(not included).  
For masonry/concrete add expansion  
plug. For plaster walls, special plugs should  
be used.  
If needed, the product can also be placed > 6 ft  
(180 cm) above floor, but in this case mounting  
with screws is mandatory.

## PHYSICAL SPECIFICATION

Dimensions: 3.17 x 3.17 x 1.04 in  
(80.5 x 80.5 x 26.6 mm)  
Weight: ~2.9 oz (~84 g) with batteries

## REQUIREMENTS

Space Hub is needed to post sensor values  
to cloud.

\* Both SKU 13110 and 13120 will be replaced with  
new common SKUs that cover all countries /  
regions to be supported by the models 311 and  
312 respectively

## PRODUCT FEATURES

Sensors: CO<sub>2</sub>, Temperature, Relative  
Humidity, Pressure, Noise, Light (lux)  
Virtual sensors included: Virus Risk,  
Occupancy, please consult web dashboard  
for latest.  
Battery life depends on sensor on/off/  
interval settings and building settings -  
office hours. More than 10 years with noise  
off or alternative office hours set (i.e 7AM-  
5PM Mon-Fri). Product has more than 5  
years battery life regardless of settings.

## PRODUCT SPECIFICATIONS

Operational Environment (Temperature, Relative Humidity):  
32°F to 113°F (0 °C to 45 °C) / 5% - 85% (non-condensing)  
Firmware updates are automatically downloaded and installed over the air  
(OTA) via the Space Hub  
SmartLink frequencies: 865-870 / 902-928 MHz depending on region



VIRTUAL  
SENSORS



CO<sub>2</sub>

HUMIDITY

TEMP

PRESSURE

LUX

NOISE

OCCUPANCY

VIRUS RISK

VENTILATION  
RATE

# Space CO<sub>2</sub> Mini

## SENSOR SPECIFICATIONS

Sensor sampling interval:  
5 min default and 2.5 min optional  
Office hours set on building level:  
Outside office hours +1 hour before  
and after, noise sensor is turned off and  
CO<sub>2</sub> interval is set to hourly. In addition,  
humidity, pressure and light are reduced  
to 5 min interval regardless of sensor  
sampling interval setting.

### TEMPERATURE AND RELATIVE HUMIDITY SENSORS

Temperature Accuracy:  $\pm 0.2^{\circ}\text{C} / \pm 0.4^{\circ}\text{F}$   
Humidity Accuracy:  $\pm 2.0\% \text{ RH}$

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

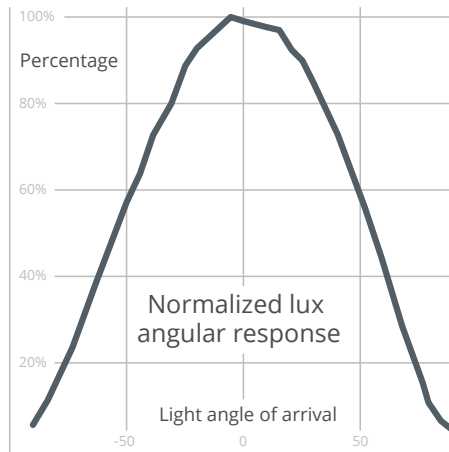
NDIR Sensor (Non-Dispersive Infra-Red):  
Measurement range 400 – 5000 ppm

Accuracy:  $\pm 50 \text{ ppm} \pm 5\%$  within  
500 - 2000ppm, 10 – 35 °C / 50 - 95 °F  
and 0 – 80 %RH.

Self-calibrated using an automatic baseline  
algorithm that updates once a week.

### LIGHT SENSOR (LUX)

Light sensor is measured in received  
luminous flux per unit area, also known as  
Lux. Light sensitivity varies with incoming  
light direction as shown in graph.



Absolute Accuracy in most sensitive  
direction :  $\pm 5 \text{ lux} \pm 10\%$

### PRESSURE SENSOR

Absolute pressure accuracy:  
 $\pm 0.3 \text{ mbar} / \pm 30 \text{ Pa} (0.01 \text{ inHg})$   
Unit-to-unit pressure accuracy:  
 $\pm 0.1 \text{ mbar} / \pm 10 \text{ Pa} (0.003 \text{ inHg})$

### NOISE SENSOR

Ambient sound is sampled at 1% duty cycle  
and presented as sound pressure level in  
dB (adjusted to human ear hearing profile  
- A-weighted, dBA).

Typical sensitivity: 33dBA SPL

Dynamic range: 33dBA - 120dBA SPL

Absolute Accuracy over dynamic range:  
 $\pm 3 \text{ dB}$

### VIRTUAL SENSORS

Occupancy  
Virus Risk  
Ventilation Rate

## PRODUCT ON-BOARDING AND DAILY USE

Battery tab pull: LED blinks green when  
device is powered on.

On boarding: LED pulses blue while device  
connects to Space Hub and pulses white  
until device is connected all the way to  
Airthings cloud.

In case SmartLink connection is lost, within  
10 min LED will blink green one time

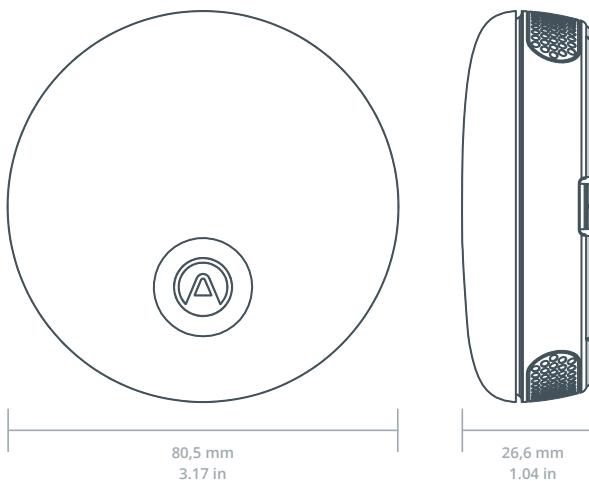
followed by blue LED pulse for up to 1 min  
or until connected to Space Hub. In case no  
connection is established, the blink pattern  
will repeat at increasing intervals, to not  
deplete batteries.

Touching Airthings logo on product front  
with finger: single white blink if connected  
via Space Hub to cloud, single blue blink if

not connected. If CO<sub>2</sub> Alert is enabled, LED  
shows CO<sub>2</sub> level color coded green, yellow  
or red.

CO<sub>2</sub> Alert: event is shown as two blinks in  
yellow or red depending on limits set. Alert  
frequency and snooze time can also be set  
in dashboard.

## PRODUCT DIMENSIONS



# Space CO<sub>2</sub>

formerly **View CO<sub>2</sub> for Business**



CO<sub>2</sub> monitoring made easy for any building, anywhere. The Space CO<sub>2</sub> has an ultra energy efficient customizable display. Can be seamlessly added into an existing Airthings for Business solution.

## PACKAGE CONTENT

- Airthings Space CO<sub>2</sub>
- 6 x 1.5V Lithium AA Batteries
- Double-sided tape
- Optional theft protection lid (5 pack)
- Optional USB cable 6 ft. (1.8 m) (5 pack)

## 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 3 screws of type countersunk M4 (not included).

## PRODUCT FEATURES

- Sensors: CO<sub>2</sub>, Noise, Relative Humidity, Temperature, Relative Light Intensity (0 - 100 %)
- Virtual sensors included:
  - Virus Risk Indicator
- Battery life: Up to 10 years on Lithium (depending on the sensor interval settings)

## PHYSICAL SPECIFICATION

- Weight: 12.7 oz (360 g) with batteries
- Dimensions: 6.69 x 3.54 x 1.30 in (170 x 90 x 33 mm)

## REQUIREMENTS

Airthings Space Hub needed to post sensor values to cloud.

## PACKAGE

- Dimensions: 7.9 x 4.5 x 2.4 in (200 x 115 x 60 mm)
- Weight: 15.17 oz (430 g)

## PRODUCT CODES

- Device serial number: 2969xxxxxx
- US / CANADA EAN: 7090031109615
- SKU: 961 Model: 2969
- EUROPE EAN: 7090031109622 SKU: 962
- SINGAPORE / HONG KONG
- EAN: 7090031109639 SKU: 963
- AUSTRALIA EAN: 7090031109646
- SKU: 964
- INDIA EAN: 7090031109653 SKU: 965

## PRODUCT SPECIFICATIONS

- 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
- Firmware updates are automatically downloaded and installed over the air (OTA) via the Airthings Space Hub
- SmartLink frequencies: 865-868/902-928 MHz depending on region

# Space CO<sub>2</sub>

## SENSOR SPECIFICATIONS

Sensor sampling interval: 5 min.  
 Space CO<sub>2</sub> offers in addition configurable sensor sampling intervals from 2.5 min to 60 min for selected sensors.  
 Technology for Temperature and Humidity Sensors

### TEMPERATURE AND RELATIVE HUMIDITY SENSORS

Temperature Accuracy: ±0.9 °F (±0.5 °C)  
 Humidity Accuracy: ±3 %RH

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

NDIR Sensor (Non-Dispersive Infra-Red):  
 Measurement range 400–5000 ppm  
 Settling time: ~7 days  
 Accuracy ±50 ppm ±3 % within 50 - 95 °F (10 - 35 °C) and 0 - 80 %RH, after initial settling time of 7 days

### LIGHT SENSOR

Measurement range: 0 - 100 %

### NOISE SENSOR

Dynamic range: 35 - 120 dBA SPL (optimization pending)

### VIRTUAL SENSORS

Occupancy  
 Virus Risk  
 Ventilation Rate

## RADIO SPECIFICATIONS

### BLUETOOTH LOW ENERGY

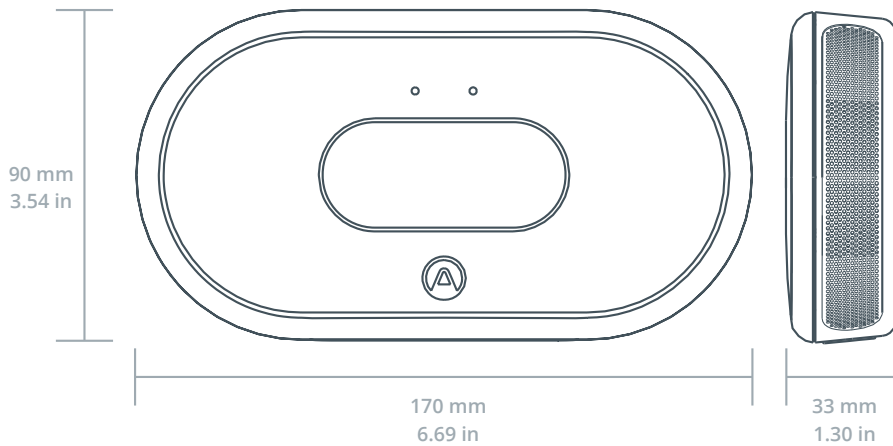
Output power: <5 mW  
 Frequency Range (MHz):  
 2400.0 - 2483.5

### AIRTHINGS SMARTLINK

Output power: <25 mW  
 Frequency range (MHz):  
 Europe 868 - 870  
 North America 902-928

Singapore 920-923  
 Hong Kong 920-923  
 Australia 923-928  
 India 865-870

## PRODUCT DIMENSIONS





# Space Nano

Space Nano is Airthings for Business's most compact, cost-effective, and resilient device. IP64 rated and sold as a 2-pack with up to 20 years of battery life, Space Nano is perfect for monitoring unoccupied and hard-to-reach spaces across your building regardless of temperature or humidity.



## PACKAGE CONTENTS

- 2x Airthings Space Nano
- 2x Lithium AA 1.5V batteries included per product
- 2x Double-sided tape (one per product)
- Regulatory booklet
- Card with QR code, with link to get started.

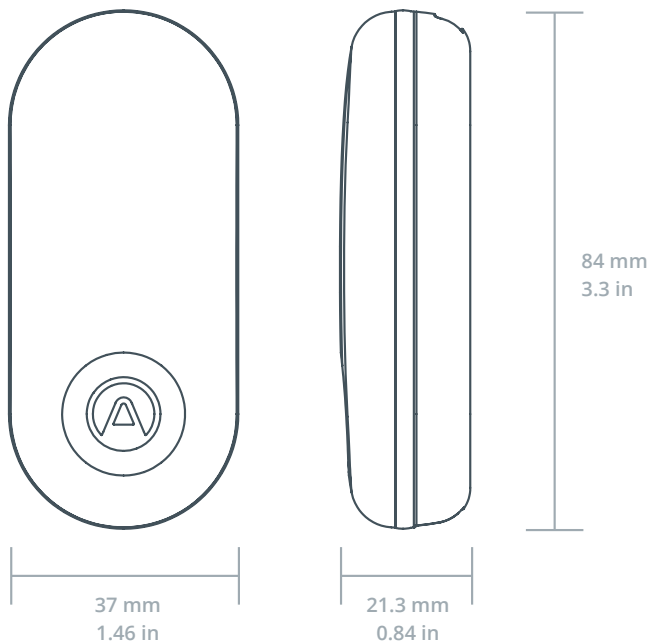
## REQUIREMENTS

Space Hub is needed to post sensor values to cloud.

## PHYSICAL SPECIFICATIONS

Dimensions: 1.46 x 3.3 x 0.84 in  
(37 x 84 x 21.3 mm)  
Weight: 0.035 oz (59.1 g) with batteries

## PRODUCT DIMENSIONS



## MOUNTING

Optimum product placement is on wall 4 - 6 ft (1.2 m - 1.8 m) above floor. Double sided tape for mounting included. Alternatively use the keyhole and one fully threaded countersunk screw 3.5 x 25 mm or longer (not included). For masonry/concrete add expansion plug. For plaster walls, special plugs should be used. Secure wall mount brackets for Space Nano are sold separately in 2-pack, SKU 357. If needed, the product can also be placed > 6 ft (1.8 m) above floor, but in this case, mounting with secure wall mount bracket is mandatory.

## PACKAGE

2 devices included in package.  
Weight: 5.64 oz (160.0 g)  
Dimensions: 4.5 x 4.1 x 1.4 in  
(115 x 105 x 36 mm).

## PRODUCT FEATURES

Sensors: Temperature, Relative Humidity, Pressure, Light (lux).  
Virtual sensors: Mold Risk Indicator, please consult web dashboard for latest.  
Battery Life: Up to 20 years.

## PRODUCT CODES

EU and UK 313xxxxxxx - serial number  
2-pack EU and UK SKU 13130,  
EAN 709003110 013 1 UPC NA  
US and CA 314xxxxxxx - serial number  
2-pack US and CA SKU 13140,  
EAN 7090031100148 UPC 854232008682

## PRODUCT SPECIFICATIONS

Operational Environment  
(Temperature, Relative Humidity):  
-22 °F to 140 °F (-30 °C to 60 °C) / 5% - 99%  
Do not submerge in water.  
IP protection grade: IP64  
If used outdoors, it is recommended to mount the device using a secure wall mount bracket, and to not expose the device to direct sunlight.  
Firmware updates are automatically downloaded and installed over the air (OTA) via the Space Hub.



HUMIDITY



TEMP



PRESSURE



LUX

VIRTUAL  
SENSOR



MOLD RISK

# Space Nano

## SENSOR SPECIFICATIONS

Sensor sampling interval:  
5 min default and 2.5 min optional.

### TEMPERATURE AND RELATIVE HUMIDITY SENSORS

Temperature Accuracy:  $\pm 0.4$  °F /  $\pm 0.2$  °C

Humidity Accuracy:  $\pm 2.0$  % RH within product operating range.

### PRESSURE SENSOR

Absolute pressure accuracy:  $\pm 30$  Pa

Unit-to-unit pressure accuracy:  $\pm 10$  Pa

Operating range for full accuracy:  
300 - 1250 hPa

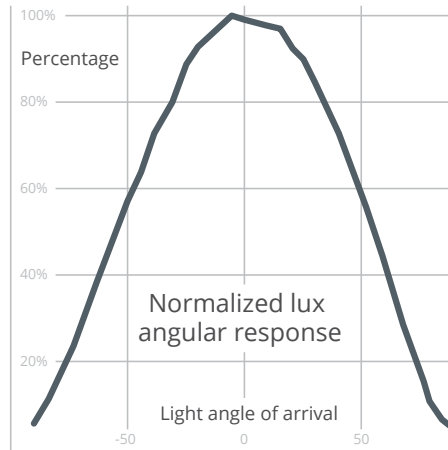
### VIRTUAL SENSOR

Mold Risk Indicator. Please consult web dashboard for latest.

### LIGHT SENSOR

Light sensor is measured in received luminous flux per unit area, also known as lux.

Light sensitivity varies with incoming light direction as shown in graph.



Absolute accuracy in most sensitive direction:  $\pm 5$  lux  $\pm 10\%$  within 0 - 5000 lux.

## RADIO SPECIFICATIONS

### BLUETOOTH LOW ENERGY

Used for commissioning only.

Output power: <10 mW

Frequency Range (MHz):  
2400.0 - 2483.5

### AIRTHINGS SMARTLINK

Used to post sensor values.

Output power: <25 mW

Frequency range (MHz):

Europe 868 - 870

North America 902-928

## PRODUCT ONBOARDING AND DAILY USE

The Space Nano sequence for initial onboarding is triggered automatically when removed from the package, based on the following conditions: (1) touch activation on the Airthings logo and (2) sufficient light in the area. The Space Nano responds with one blue blink followed by a white blinking during the search for the Space Hub.

For the next 10 minutes, the Space Nano is ready to be added to an Airthings account using the Business App (QR Code) or the Web Dashboard (S/N + ID).

The Space Nano blinks white while searching for the Space Hub until it is

connected and authenticated to the Airthings cloud. Once connected, the white blinking stops. Successful connection to the Space Hub can be confirmed at any time by touching the Airthings logo:

- Single white blink if connected via Space Hub to the cloud.
- Single blue blink if not connected.

If the SmartLink connection with the Space Hub is lost, the re-connection flow will start. Space Nano will search for Space Hub for up to 1 minute or until connected to the Space Hub. If no connection is established,

the connection retries and will repeat at increased intervals so as not to deplete batteries.

Touch activation on the Airthings logo will start the re-connection flow from scratch.



VIRTUAL SENSOR



# 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 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

## 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.



CO<sub>2</sub>



VOC



HUMIDITY



TEMP



RADON



PRESSURE



LIGHT

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)

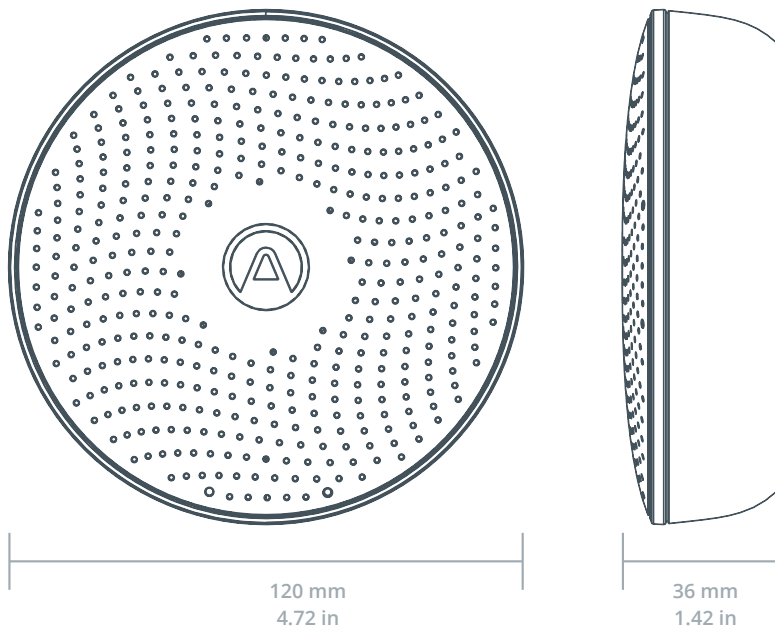
### LIGHT SENSOR

Measurement range: 0 - 100 %

### VIRTUAL SENSORS

Occupancy  
Virus Risk  
Ventilation Rate

## PRODUCT DIMENSIONS



CO<sub>2</sub>



VOC



HUMIDITY



TEMP



RADON



PRESSURE



LIGHT

VIRTUAL  
SENSORS



OCCUPANCY



VIRUS RISK



VENTILATION  
RATE