

A complete and flexible  
air quality monitoring  
solution for any building



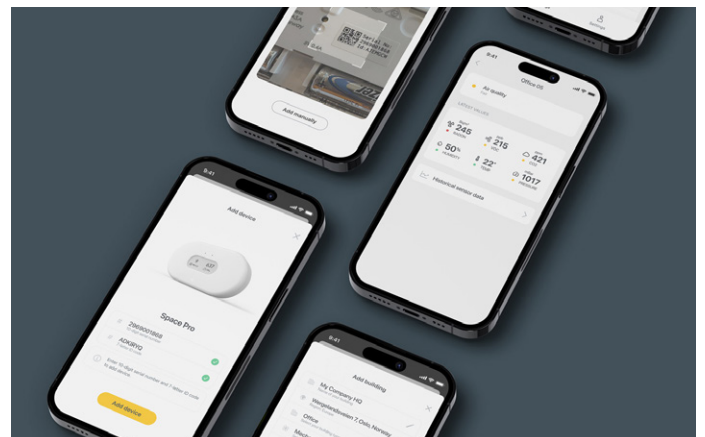
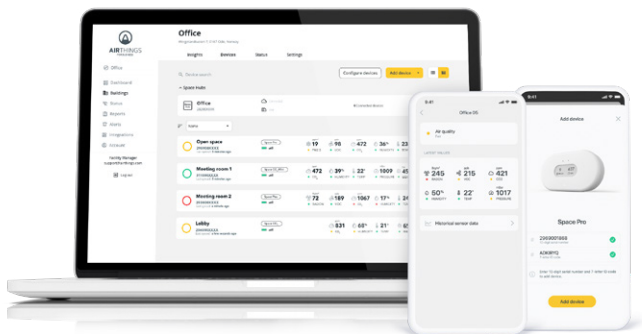
[airthings.com/business](https://airthings.com/business)

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.

## PRODUCT CODES

HUB CELLULAR, MODEL 2820  
EAN: 7090031108205  
SKU: 282  
Device serial number: 2820xxxxxx

## PHYSICAL SPECIFICATION

Dimensions: 5.12 x 5.12 x 0.98 in  
(130 x 130 x 25 mm)  
Weight: 9.1 oz (258 g)

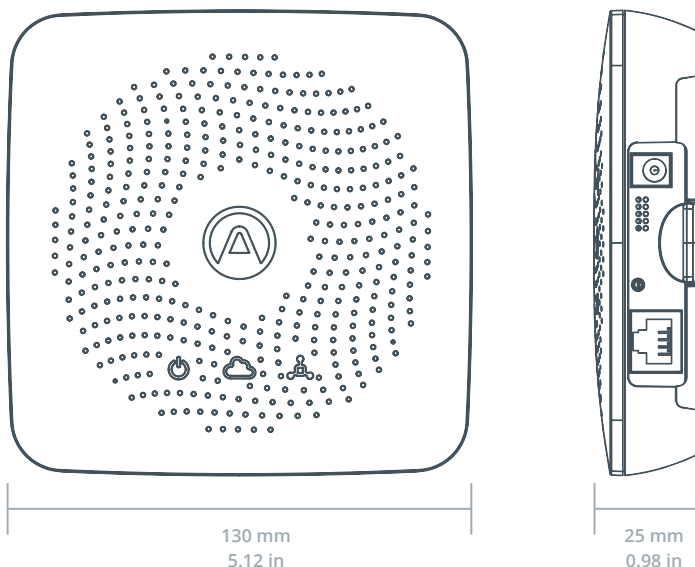
## REQUIREMENTS

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)

## PRODUCT DIMENSIONS



# 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



PM<sub>1</sub>



PM<sub>2.5</sub>



CO<sub>2</sub>



VOC



HUMIDITY



TEMP



PRESSURE



LIGHT



NOISE

VIRTUAL  
SENSORS



OCCUPANCY



VIRUS RISK

# 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.

Technology for Temperature, Humidity and Pressure Sensors:

### 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 PM<sub>1</sub> AND PM<sub>2.5</sub>

Technology: laser scattering based optical particle counter

Particle size detection range:

300 nm to 10  $\mu\text{m}$

Measurement Range:  $1\text{-}1000 \mu\text{g}/\text{m}^3$

Measurement Accuracy: below  $150 \mu\text{g}/\text{m}^3$ :  $\pm (5 \mu\text{g}/\text{m}^3 + 15 \%)$ , above  $150 \mu\text{g}/\text{m}^3$ :  $\pm (5 \mu\text{g}/\text{m}^3 + 20 \%)$ . 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)

### VIRUS RISK

Virtual sensor

## 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

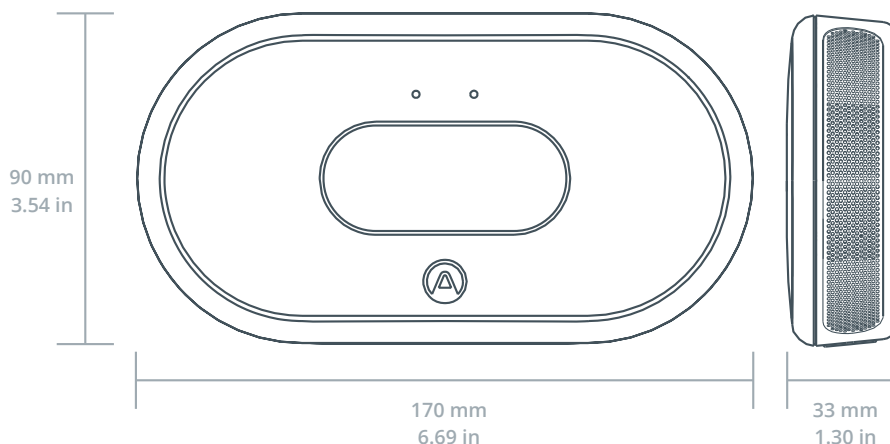
Singapore 920-923

Hong Kong 920-923

Australia 923-928

India 865-870

## PRODUCT DIMENSIONS



PM<sub>1</sub>



PM<sub>2.5</sub>



CO<sub>2</sub>



VOC



HUMIDITY



TEMP



PRESSURE



LIGHT



NOISE

VIRTUAL  
SENSORS



OCCUPANCY



VIRUS RISK

# 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 Arabic Emirates (UAE)  
311xxxxxxx - 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



CO<sub>2</sub>



HUMIDITY



TEMP



PRESSURE



LUX



NOISE

VIRTUAL  
SENSORS



OCCUPANCY



VIRUS RISK



# 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:  $\pm 2.0\%$  RH

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

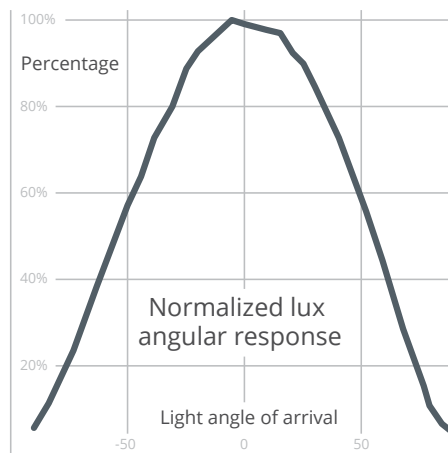
NDIR Sensor (Non-Dispersive Infra-Red):  
Measurement range 400 – 5000 ppm

Accuracy:  $\pm 50$  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 :  $\pm 5$  lux  $\pm 10\%$

### PRESSURE SENSOR

Absolute pressure accuracy:

$\pm 0.3$  mbar /  $\pm 30$  Pa (0.01 inHg)

Unit-to-unit pressure accuracy:

$\pm 0.1$  mbar /  $\pm 10$  Pa (0.003 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:

$\pm 3$  dB

### VIRTUAL SENSORS

Virus Risk, Occupancy. Please consult web dashboard for latest

## 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

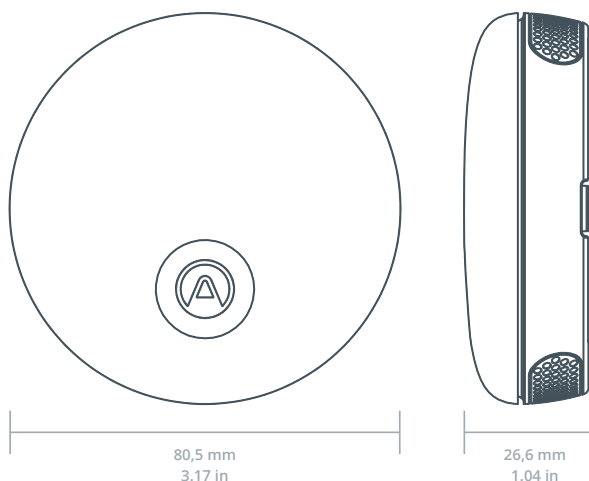
followed by blue LED pulse for up to 1 min or until connected to Space Hub. In case no connection is established, the blink pattern will repeat at increasing intervals, to not deplete batteries.

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



CO<sub>2</sub>



HUMIDITY



TEMP



PRESSURE



LUX



NOISE

VIRTUAL SENSORS



OCCUPANCY



VIRUS RISK

# 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



CO<sub>2</sub>



HUMIDITY



TEMP



LIGHT



NOISE

VIRTUAL  
SENSORS



OCCUPANCY



VIRUS RISK

## 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:  $\pm 0.9$  °F ( $\pm 0.5$  °C)  
Humidity Accuracy:  $\pm 3$  %RH

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

NDIR Sensor (Non-Dispersive Infra-Red):  
Measurement range 400–5000 ppm  
Settling time: ~7 days  
Accuracy  $\pm 50$  ppm  $\pm 3$  % 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)

#### VIRUS RISK

Virtual sensor

### RADIO SPECIFICATIONS

#### BLUETOOTH LOW ENERGY

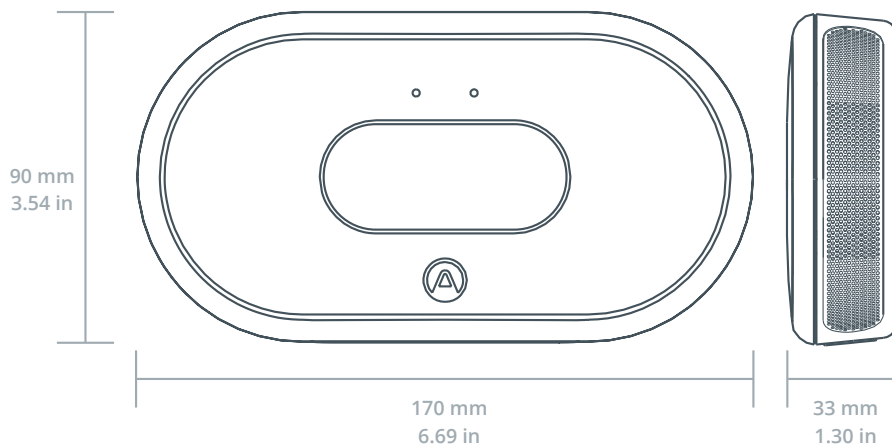
Output power: <5 mW  
Frequency Range (MHz):  
2400.0 - 2483.5

#### 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



CO<sub>2</sub>



HUMIDITY



TEMP



LIGHT



NOISE

VIRTUAL  
SENSORS



OCCUPANCY



VIRUS RISK



# 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.

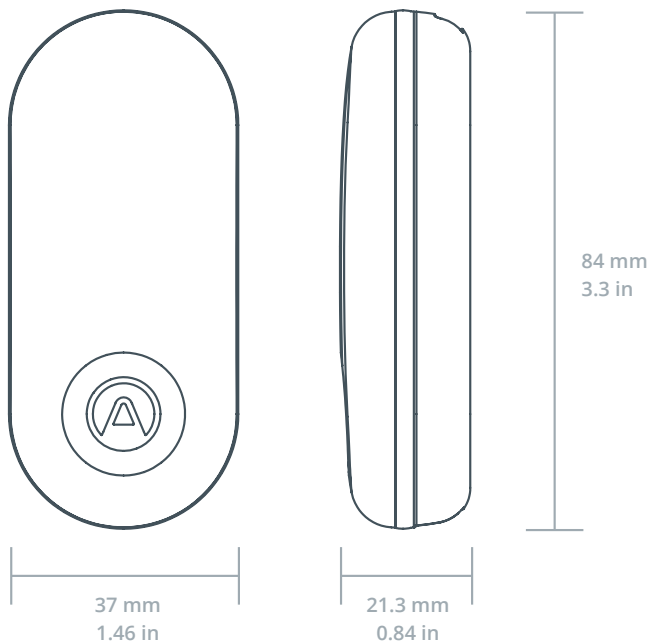
## REQUIREMENTS

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:  $\pm 0.4^{\circ}\text{F}$  /  $\pm 0.2^{\circ}\text{C}$

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

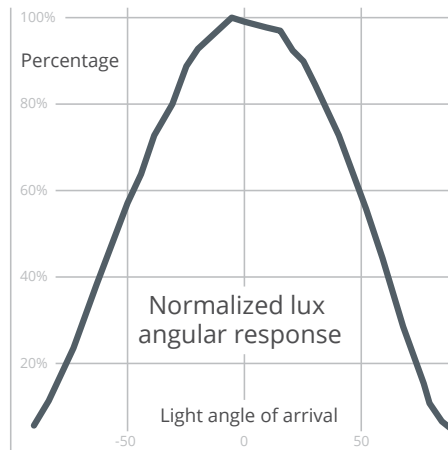
### VIRTUAL SENSOR

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

## 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)

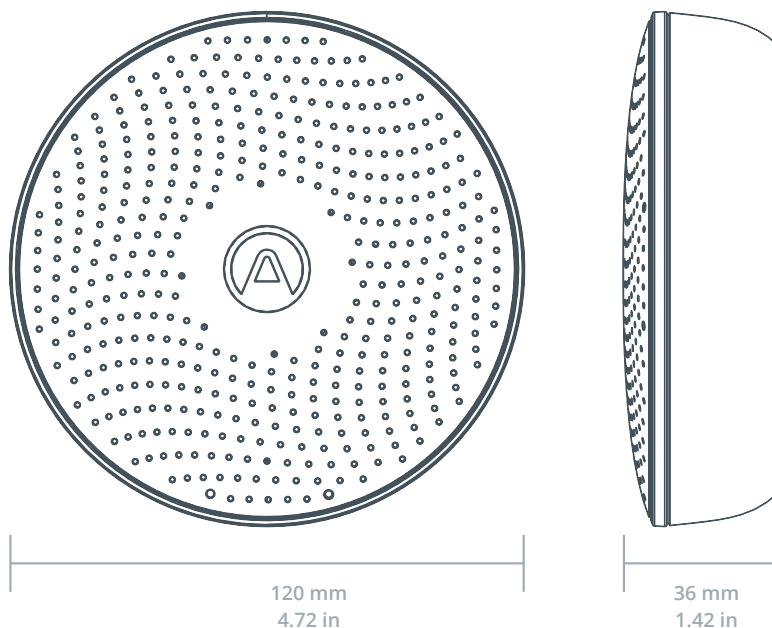
#### LIGHT SENSOR

Measurement range: 0 - 100 %

#### VIRUS RISK

Virtual sensor

### PRODUCT DIMENSIONS



CO<sub>2</sub>



VOC



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