

It has never been easier to take control of your indoor air quality

90%

We spend **90% OF OUR TIME INDOORS** and indoor air can be 5x more polluted than outdoor air.

86%

86% of employees rank indoor air quality as one of the most important factors to **WORKPLACE COMFORT.**

## Poor indoor air quality

is linked to poorer health, lower productivity and may be a sign of wasted energy.

## Airthings for Business helps you:

- Monitor, measure and analyze indoor air quality of multiple buildings in one place
- Improve the health, safety and wellbeing of occupants
- Directly impact productivity and reduce sick leave
- Reduce energy usage by optimizing HVAC based on use of building
- Automatically run your building management system based on real-time air quality data via API.



## Ideal for

- Offices
- Medical facilities
- Educational institutions
- Gyms and sports facilities
- Commercial buildings
- Retail shops
- Restaurants and hotels

# The Airthings for Business solution

An easily scalable solution that works for buildings of any type and size.

- Easy installation and setup
- Works for all buildings
- Battery-powered & wireless monitors
- Ideal for retrofitting
- “Out of the box” solution, no tools or expertise required
- Long battery life
- Customizable dashboard with displays and alerts
- Encrypted enterprise security from device to cloud
- Open API to integrate with Building Management Systems



## Measuring key air quality factors



RADON



PM<sub>1</sub>



PM<sub>2.5</sub>



HUMIDITY



CO<sub>2</sub>



VOC



NOISE



LIGHT



TEMP



PRESSURE

## VIRTUAL SENSORS



VIRUS RISK



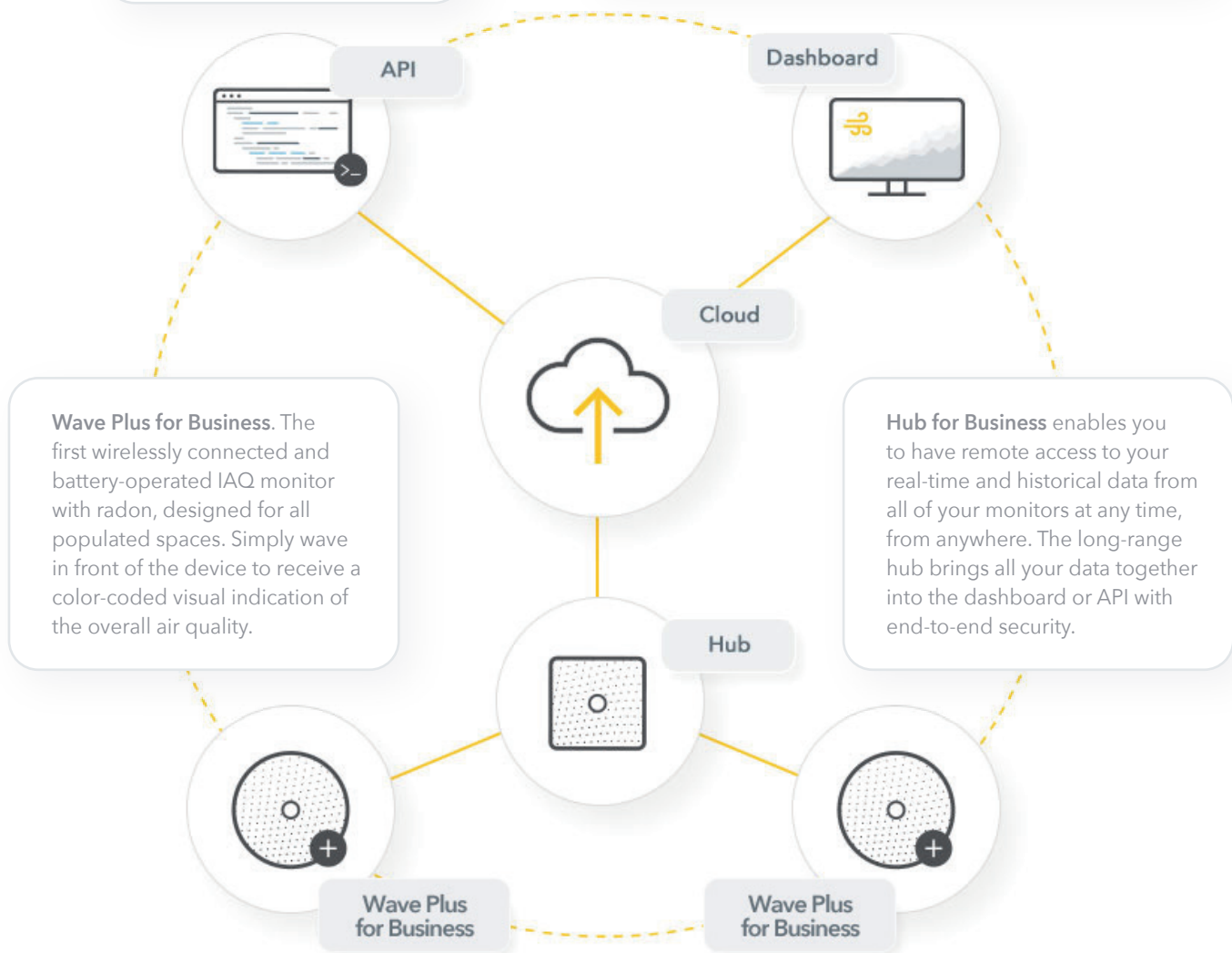
MOLD RISK



# Get to know the Airthings for Business solution

Easily access sensor data through the **REST API** or subscribe with the Webhook. Use your sensor data in your existing BI solution or as an input to a BAS or BMS.

**Airthings for Business Dashboard** is easy to use and gives a detailed insight into how your building, office or school behaves. With access to historical data, you can start making informed decisions on how to improve the air you breathe. One-click reports for indoor air quality, radon, outdoor air quality and virus risk. Easily set up alerts to get notified for when you need to take action.



# Airthings for Business

A complete and flexible air quality monitoring solution for any building



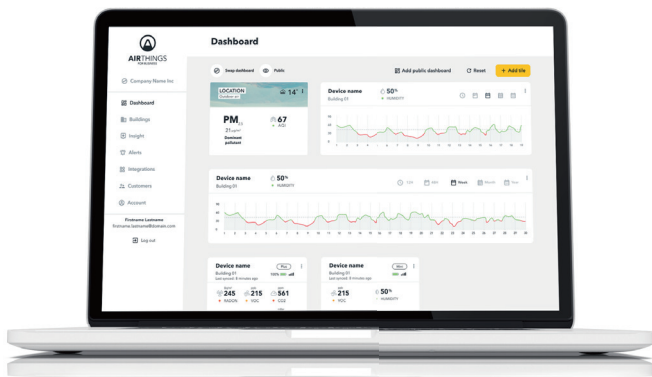
[airthings.com/business](https://airthings.com/business)

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 Airthings 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.



-  RADON
-  VOC
-  TEMP
-  HUMIDITY
-  CO<sub>2</sub>
-  NOISE
-  LIGHT
-  PM<sub>1</sub>
-  PM<sub>2.5</sub>
-  PRESSURE
-  DIFFERENTIAL PRESSURE
-  MOLD RISK
-  VIRUS RISK

# Hub for Business

The Hub for Business 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 Hub for Business
- 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

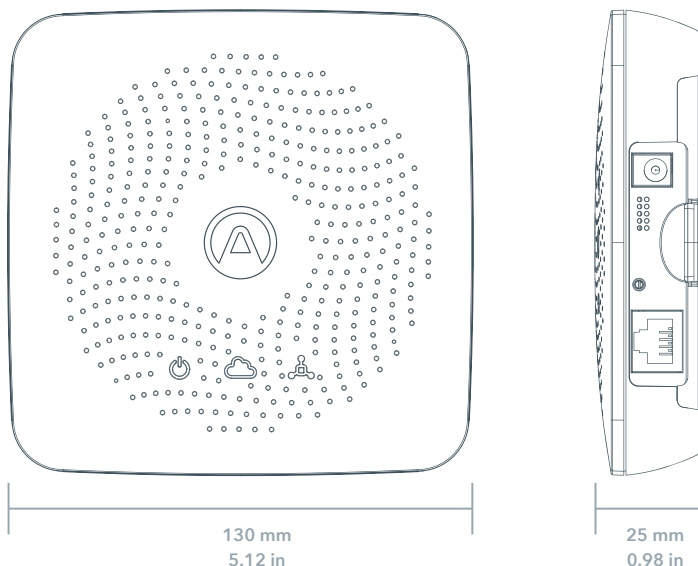
### PACKAGE

- Dimensions: 6.22 x 6.22 x 3.11 in (158 x 158 x 79 mm)
- HUB CELLULAR, MODEL 2820
- Weight: 20.2 oz (574 g)

### REQUIREMENTS

- Dimensions: 5.12 x 5.12 x 0.98 in (130 x 130 x 25 mm)
- HUB CELLULAR, MODEL 2820
- Weight: 9.1 oz (258 g)
- Cellular connection with built-in eSIM or Ethernet connection.

## PRODUCT DIMENSIONS



# View Plus for Business



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

## PACKAGE CONTENT

Airthings View Plus for Business  
6 x 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 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

Weight: 360 g (12.7 oz) with batteries  
Dimensions: 6.69 x 3.54 x 1.30 in (170 x 90 x 33 mm)  
Airthings 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 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 for Business Hub  
SmartLink frequencies: 865-868/902-928 MHz depending on region

## 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



## View Plus for Business

### SENSOR SPECIFICATIONS

Sensor sampling interval: 5 min.

View Plus 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

#### VOC SENSOR

Technology: Metal-oxide based gas sensor

Measurement range: 0-10 000 ppb

Settling time: ~7 days

#### 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  $\mu$ m

Measurement Range: 1-1000  $\mu$ g/m<sup>3</sup>

Measurement Accuracy: below 150  $\mu$ g/m<sup>3</sup>:

$\pm (5 \mu\text{g}/\text{m}^3 + 15 \%)$ , 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  $\mu$ g/m<sup>3</sup>

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

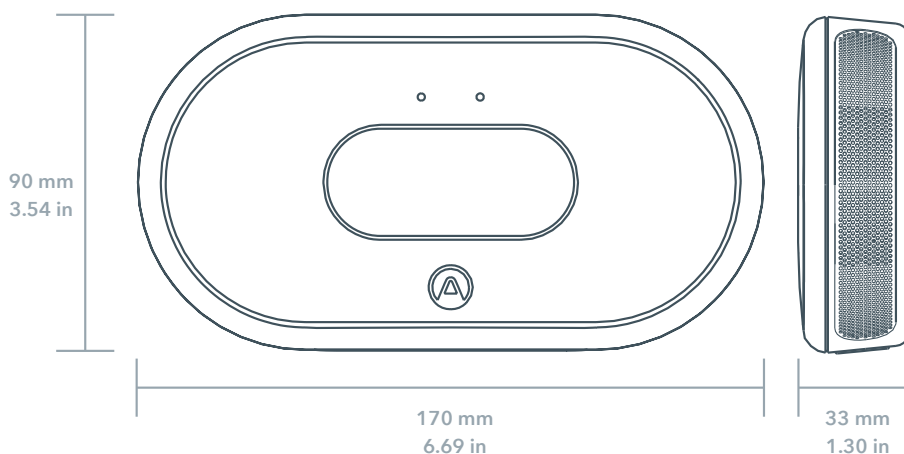
Singapore 920-923

Hong Kong 920-923

Australia 923-928

India 865-870

### PRODUCT DIMENSIONS



# View CO<sub>2</sub> for Business



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

## PACKAGE CONTENT

Airthings View CO<sub>2</sub> for Business  
6 x Lithium AA batteries  
Double-sided tape  
Optional theft protection lid (5 pack)  
Optional USB cable 6 ft. (1.8 m) (5 pack)

## REQUIREMENTS

Weight: 360 g (12.7 oz) with batteries  
Dimensions: 6.69 x 3.54 x 1.30 in  
(170 x 90 x 33 mm)  
Hub for Business needed to post sensor values to cloud

## PRODUCT CODES

Device serial number: 2969xxxxx  
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

## MOUNTING

Supports wall mounting or placement on table. Optimum product placement is breathing height of 3 - 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).

## PACKAGE

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

## 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)

## 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 for Business Hub  
SmartLink frequencies: 865-868/902-928 MHz depending on region





## View CO<sub>2</sub> for Business

### SENSOR SPECIFICATIONS

Sensor sampling interval: 5 min.  
View 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

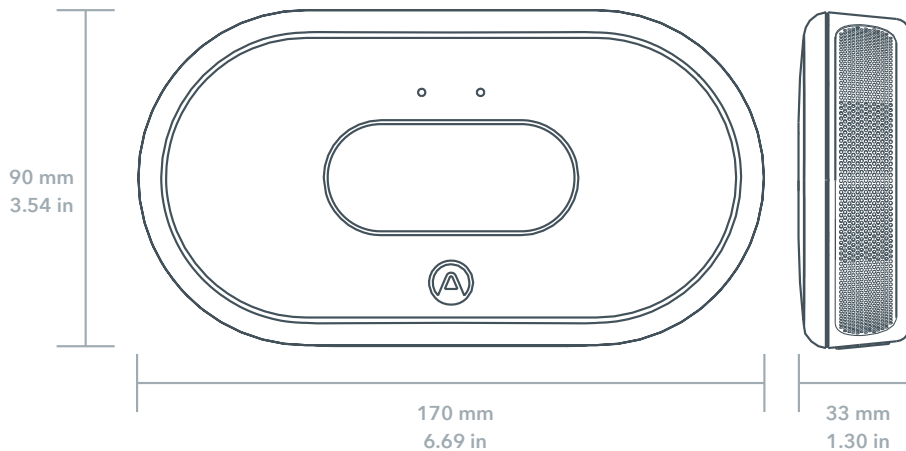
Output power: <5 mW  
Frequency Range (MHz): 2400.0 - 2483.5

#### 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



# Wave Plus for Business



Wave Plus for Business 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 Wave Plus for Business  
2 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 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: 1.5 years on Alkaline (2 years on Lithium)

## REQUIREMENTS

Weight : 7.72 oz (219 g) with 2 x AA Lithium batteries  
Dimensions: 4.72 x 1.42 in (120 x 36 mm)  
Airthings Hub needed to post sensor values to cloud  
HUB, MODEL 2810

## 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):  
Wave 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 for Business Hub.

## PRODUCT CODES

### US / CANADA

EAN: 7090031109318  
SKU: 931  
Device serial number: 2930xxxxxx

### EUROPE

EAN: 7090031109325  
SKU: 932  
Device serial number: 2930xxxxxx



## Wave Plus for Business

### 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

#### 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  
Absolute accuracy: ± 0.6 mBar/hPA  
Relative accuracy: ± 0.12 mBar/hPA  
Measurement range: 500-1100 mBar/hPA

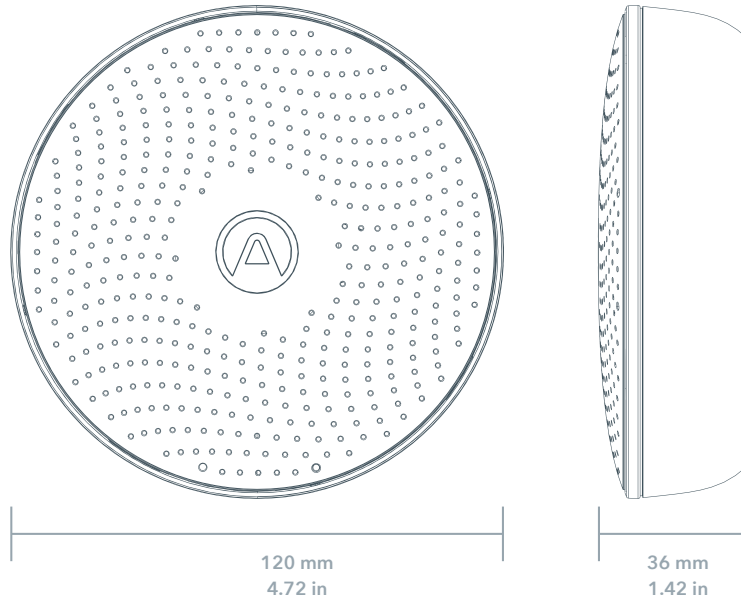
#### LIGHT SENSOR

Measurement range: 0 - 100 %

#### VIRUS RISK

Virtual sensor

### PRODUCT DIMENSIONS





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Specifications and design subject to change without notice.

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