

# 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

# 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:  $1-1000 \mu\text{g}/\text{m}^3$   
 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)

### VIRTUAL SENSORS

Occupancy  
 Virus Risk  
 Ventilation Risk

## 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

