

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: PM₁, PM_{2.5}, VOC, CO₂, 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



CO₂



VOC



HUMIDITY



TEMP



PRESSURE



LIGHT



NOISE

VIRTUAL
SENSORS



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: ± 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

Pressure Accuracy: ± 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 μm

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

PM₁ and PM_{2.5} Measurement Accuracy:

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

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

PM₁₀ 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.

CO₂ SENSOR

NDIR Sensor (Non-Dispersive Infra-Red):

Measurement range 400–5000 ppm.

Settling time: ~7 days

Accuracy ± 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

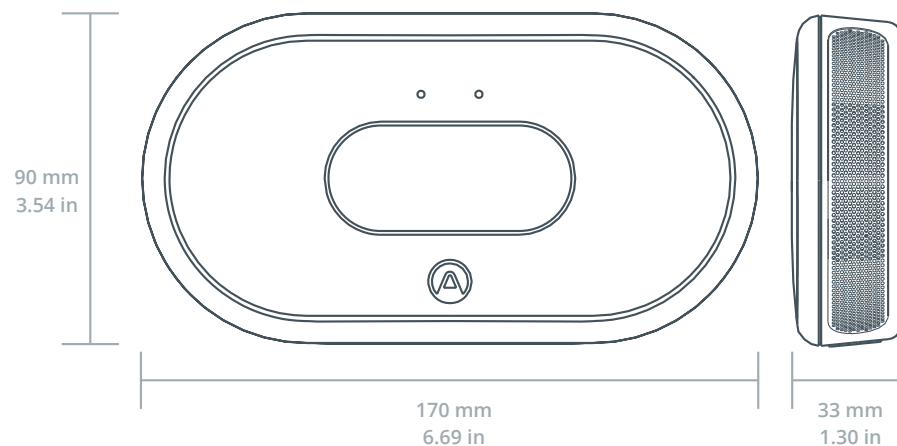
Singapore 920-923

Hong Kong 920-923

Australia 923-928

India 865-870

PRODUCT DIMENSIONS



PM



CO₂



VOC



HUMIDITY



TEMP



PRESSURE



LIGHT



NOISE

VIRTUAL
SENSORS



OCCUPANCY



VIRUS RISK



VENTILATION
RATE