

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 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: 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

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

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



VIRTUAL SENSORS



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: ± 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

VOC SENSOR

Technology: Metal-oxide based gas sensor
 Measurement range: 0-10 000 ppb
 Settling time: ~7 days
 Accuracy: $20 \mu\text{g}/\text{m}^3 + 20\%$ of reading at values between 150 and 2000 $\mu\text{g}/\text{m}^3$

PARTICULATE MATTER PM₁ AND PM_{2.5}

Technology: laser scattering based optical particle counter
 Particle size detection range: 300 nm to 10 μm
 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.

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)

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

