AIR-QUALITY MONITOR

Space Pro

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.



PM 1 · PM 2.5 · VOC · CO_2 · Noise · Humidity · Pressure · Temperature · Light · Occupancy · Virus risk · Ventilation rate · Mold risk

Product codes

DEVICE SERIAL NUMBER	2969 · XX XXXX XX

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	

PACKAGE CONTENT

- Airthings Space Pro
- 6 × 1.5 V Lithium AA batteries
- Double-sided tape
- Security mount

REQUIREMENTS

Airthings **Space Hub** needed to post sensor values to cloud. Firmware updates download and install over the air (OTA) via the Space Hub.

SmartLink 865–928 MHz · OTA updates

Physical & deployment

DEVICE

WEIGHT	12.7 oz 360 g w/ batt
SIZE	6.69 × 3.54 × 1.30 in

PACKAGE

WEIGHT	15.17 oz 430 g
SIZE	7.9 × 4.5 × 2.4 in

MOUNTING

Wall mount or table top. Optimum placement at breathing height 3.6–5.6 ft (110–170 cm). Only suitable below 6.56 ft (200 cm). Tape included; or use 3 × M4 countersunk screws (not included).

POWER

BATTERY	Up to 6 yrs lithium AA
SAMPLE	5 min default 2.5–60 min config.

OPERATIONAL ENVIRONMENT

32 °F to 104 °F (0 °C to 40 °C)
10 – 80 % RH (non-condensing)

OUTSIDE ENVELOPE

Operation below 32 °F (0 °C) or above 90 % RH can cause permanent damage to the product.

FIRMWARE

Automatically downloaded and installed over the air (OTA) via the Airthings Space Hub.

Sensor specifications

Space Pro samples nine on-device sensors every five minutes, with configurable intervals from 2.5 to 60 min on selected sensors. With USB power, the PM sensor runs continuously.

CO_2 — NDIR

RANGE	400 – 5 000 ppm
ACCURACY	±50 ppm ±3 %
RESOLUTION	1 ppm
SETTLING	~7 days

Within 50–95 °F (10–35 °C) and 0–80 % RH after initial settling.

Particulate matter — Laser

PARTICLES	300 nm – 10 µm
RANGE	1 – 1 000 µg/m³
PM 1 / 2.5	± (5 µg/m³ + 15 %) below 150; ± (5 µg/m³ + 20 %) above 150
PM 10	± 25 µg/m³ below 100; ± 25 % above
RESOLUTION	1 µg/m³

Calibrated against a GRIMM reference using cigarette smoke. Class 1 Laser per IEC 60825-1 Ed. 3.

VOC — Metal-oxide

RANGE	0 – 10 000 ppb
ACCURACY	20 µg/m³ + 15 % at 1–500 µg/m³
RESOLUTION	1 µg/m³
SETTLING	~7 days

Relative humidity — Solid state

RESOLUTION	0.5 % RH
ACCURACY	± 3 % RH at 77 °F (25 °C) within 20–80 % RH

Temperature — Solid state

RESOLUTION	0.1 °F (0.1 °C)
ACCURACY	±0.5 °C / ±1 °F

Pressure — Solid state

ACCURACY	± 0.6 mbar / hPa (0.02 inHg)
RANGE	500 – 1 100 mbar / hPa (14.77 – 32.48 inHg)

Light — Relative

RANGE	0 – 100 %

Noise — dBA SPL

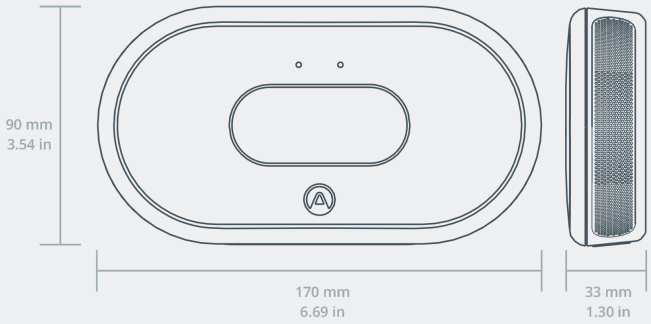
DYNAMIC	35 – 120 dBA SPL

Virtual sensors

- Occupancy
- Virus risk
- Ventilation rate
- Mold risk

Refer to the dashboard for the latest availability

Product dimensions



HEIGHT	6.69 in (170 mm)	WIDTH	3.54 in (90 mm)	DEPTH	1.30 in (33 mm)
WEIGHT	12.7 oz (360 g)	MOUNTING	Wall or table top	OPTIMUM HT.	3.6 – 5.6 ft (110 – 170 cm)

Radio specifications

BLUETOOTH LOW ENERGY

OUTPUT	< 5 mW
FREQUENCY	2 400.0 – 2 483.5 MHz

AIRTHINGS SMARTLINK

OUTPUT < 25 mW

EUROPE	868 – 870 MHz	AUSTRALIA	923 – 928 MHz
NORTH AMERICA	902 – 928 MHz	INDIA	865 – 870 MHz
SINGAPORE	920 – 923 MHz	HONG KONG	920 – 923 MHz

Laser notice. Classified as Class 1 Laser per IEC 60825-1 Ed. 3. 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. This device contains one or more lasers — use other than as described in the user guide, repair or disassembly may cause damage and could result in hazardous exposure to infrared.