



AIRTHINGS | FOR BUSINESS



MONITORS



HUMIDITY



TEMP



PRESSURE



LIGHT

↳ VIRTUAL SENSOR: ↳



MOLD RISK

# Space Nano

## Most Compact and Resilient Device for the Airthings Ecosystem

- For warehouses, storage areas, basements, and in-duct applications
- Compact, resilient, and cost-effective
- Secure and encrypted end-to-end solution
- Transmits data securely via cellular powered space hub to Airthings cloud, dashboard, and mobile app
- Scalable platform seamlessly integrates multiple Airthings for Business solutions
- Simple and intuitive installation requiring no tools
- IP64 Rated - protection from dust ingress and water spray
- Up to 20 years of battery life



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# Space Nano

## Most Compact and Resilient Device for the Airthings Ecosystem

### DESCRIPTION

Space Nano is Airthings for Business's most compact, cost-effective, and resilient device. IP64 rated and sold as a 2-pack with up to 20 years of battery life, Space Nano is perfect for monitoring unoccupied and hard-to-reach spaces across your building regardless of temperature or humidity.

### PRODUCT FEATURES

- Sensors\*: Relative Humidity, Temperature Pressure, and Light
- Virtual Sensor\*: Mold Risk - Please consult web dashboard for latest
- Battery Life: Up to 20 years
- Firmware Updates: Automatically downloaded and installed over the air (OTA) via the Space Hub

\* Space Hub is needed to post sensor values to cloud. Annual subscription fee for device is required

### PACKAGE CONTENT

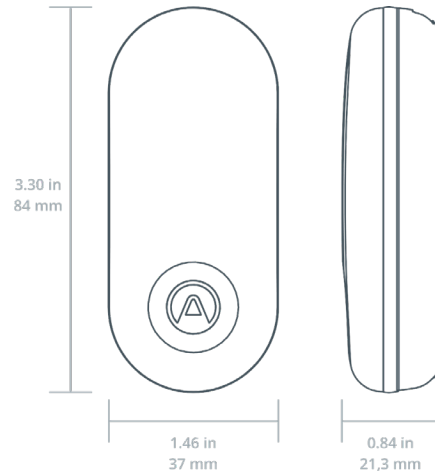
Part Number: **SPACENANO**

- Package includes 2 devices and accessories:
  - Airthings Space Nano
  - 2 x 1.5V Lithium AA batteries
  - 2 x Double-sided tape
- Package Dimension: 4.5 x 4.1 x 1.4 in (115 x 105 x 36 mm)
- Weight: 5.64 oz (160 g)

### MOUNTING

- Optimum product placement is on wall 4 -6 feet (1.2 m - 1.8 m) above floor. (If needed, the product can also be placed > 6 ft (1.8 m) above floor, but in this case mounting with screws is mandatory.)
- Double sided tape for mounting included
- Alternatively use two fully threaded countersunk screws 3.5 x 25 mm or longer (not included)
- For masonry/concrete add expansion plug  
For plaster walls, special plugs should be used

### PRODUCT SPECIFICATIONS



Serial Number: 313xxxxxxx

Dimensions: 1.46 x 3.3 x .84 in (37 x 84 x 21.3 mm)

Weight: 0.035 oz (59.1 g) with batteries

Operational Environment (Temperature, Relative Humidity): -22° F to 140° F (-30° C to 60° C) / 5% - 99%

IP Protection Grade: IP64

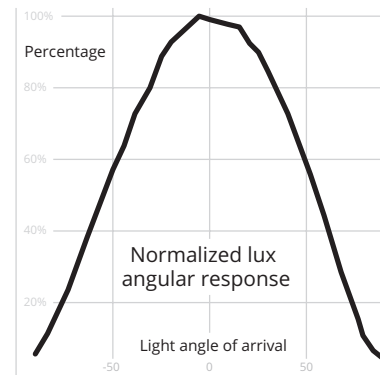
If used outdoors, it is recommended to mount the device using a secure wall mount bracket and to not expose the device to direct sunlight

SmartLink frequencies: 868-870 / 902-928 MHz depending on region

### SENSOR SPECIFICATIONS MONITORS - 4 CONDITIONS WITH 1 VIRTUAL SENSOR



- Sensor sampling interval: 5 min default and 2.5 min optional.
- TEMPERATURE AND RELATIVE HUMIDITY SENSORS
  - Temperature Accuracy:  $\pm 0.4$  °F /  $\pm 0.2$  °C
  - Humidity Accuracy:  $\pm 2.0$  % RH within product operating range.
- PRESSURE SENSOR
  - Absolute pressure accuracy:  $\pm 30$  Pa
  - Unit-to-unit pressure accuracy:  $\pm 10$  Pa
  - Operating range for full accuracy: 300 - 1250 hPa
- VIRTUAL SENSOR
  - Mold Risk Indicator. Please consult web dashboard for latest.
- LIGHT SENSOR
  - Light sensor is measured in received luminous flux per unit area.



Light sensitivity varies with incoming light direction as shown in graph.



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