

Space Nano

Space Nano is the discreet answer to increasing focus on monitoring in schools, public buildings and offices. Offered in a 2-pack, Space Nano helps cover more spaces in your building, ensuring optimal temperature humidity. Apply even outdoor. Wireless, with more than 10 years battery lifetime.

PACKAGE CONTENT

Space Nano
2 x Lithium AA 1.5V batteries
2x Double-sided tape

2 devices included in package

Weight: TBD

Dimensions: 4.5 x 4.1 x 1.4 in
(115 x 105 x 36 mm)

PRODUCT CODES

EU and UK 313xxxxxxx - serial number

2-pack EU and UK SKU 13130, EAN
TBD UPC NA

US and CA 314xxxxxxx - serial number

2-pack US and CA SKU 13140, EAN NA
UPC TBD

MOUNTING

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

REQUIREMENTS

Dimensions: ~ 37 x 84 x 22 mm)

Weight: TBDg with batteries

Space Hub is needed to post sensor values to cloud

PACKAGE

PRODUCT FEATURES

Sensors: Temperature, Relative Humidity, Pressure, Light (lux)
Virtual sensors included: Ventilation on/off, please consult web dashboard for latest

Battery life more than 10 years

Do not submerge in water
IP protection grade: IP64

Firmware updates are automatically downloaded and installed over the air (OTA) via the Space Hub

SmartLink frequencies: 865-870 / 902-928 MHz depending product

PRODUCT SPECIFICATIONS

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

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SENSOR SPECIFICATIONS

Sensor sampling interval:
min default and 2.5 min optional

TEMPERATURE AND RELATIVE HUMIDITY SENSORS

Temperature Accuracy: $\pm 0.2^{\circ}\text{C}$ / ± 0.4 F
and Humidity Accuracy: ± 2.0 % RH
within product operating range

⁵ PRESSURE SENSOR

Absolute pressure accuracy: ± 30 Pa
Unit-to-unit pressure accuracy: ± 10 Pa
Operating range for full accuracy
300 - 1250 hPa

LIGHT SENSOR

Light sensor is measured in received
luminous flux per unit area, also known

as lux

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

Absolute Accuracy in most sensitive
direction: ± 5 lux $\pm 10\%$ within 0 - 5000lux

VIRTUAL SENSORS

Ventilation on/off TBD. Please consult
web dashboard for latest

RADIO SPECIFICATIONS

BLUETOOTH LOW ENERGY

Used for commissioning only
Output power: <10 mW
Frequency Range (MHz):
2400.0 - 2483.5

Output power: < 25 mW

Frequency range (MHz):
Europe 868 - 870
North America 902-928

AIRTHINGS SMARTLINK

Used to post sensor values

PRODUCT ON-BOARDING AND DAILY USE

Wake up device from shelf life: Take products out of packaging and touch Airthings logo on product with finger. Product blinks blue when device wakes up from shelf life until on-boarded in Airthings Business App. If not completed on-boarding in Airthings Business App within 10 minutes, device will go back into shelf life mode. To wake up device again, touch Airthings logo on product with finger

Once completed on-boarding in Airthings Business App, LED pulses white while device connects to Space Hub and continues to pulse white until device is connected all the way to Airthings cloud. When completely connected, LED pulse stops. Successful connection can then at any time be confirmed by touching Airthings logo on product front with finger: single white blink if connected via Space Hub to cloud, single blue blink if not connected.

In case SmartLink connection is lost, within 10 min LED will blink green one time followed by white LED pulse for up to 1 min or until connected to Space Hub. In case no connection is established, the connection retries and blink pattern will repeat at increased intervals, to not deplete batteries.

Touching Airthings logo on product front any time with finger: single white blink if connected via Space Hub to cloud, single blue blink if not connected.