Altruist Insight

Indoor Air Monitor

CO_2, temperature & humidity, barometric pressure, E-Ink display.
Wi-Fi, USB-C.

Open Sensor Map
sensors.social

Home Assistant ready

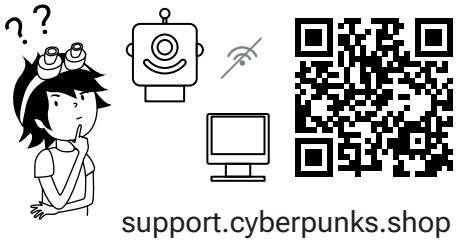
Decentralized cloud

DIY & modding friendly

Made in Cyprus

Robonomics Hardware

cyberpunks.shop



support.cyberpunks.shop

Package list:

1 Indoor Air Quality Monitor | 1 USB-A to USB-C cable | 1 SD card | 1 User manual

Important Safety Instructions

Do not expose the device to water, moisture, or fire.

Use only the recommended power supply: 5V, USB-C.

Install and operate the device at least 20 cm away from the body (requirement of international RF exposure safety standards).

Technical Specifications

Power supply: 5 V (USB-C)

Wireless connectivity: Wi-Fi 2.4 GHz (802.11 b/g/n)

Sensors:

- SCD41 — CO_2 (ppm)
- BME680 — Tm (°C/°F), Pr (hPa), Hu (%)

Disposal

This product must not be disposed of with household waste. Please take the equipment to designated electronic collection points in accordance with local regulations (WEEE Directive 2012/19/EU).

7 OTHER PLA COATING — Biodegradable PLA

7 OTHER ASA COATING — UV-stable ASA

Electronics / PCB

Manufacturer Information

Manufacturer: Pinout LTD
Address: Evripidou 12A, Agia Zoni, 3031

EU Declaration of Conformity

Hereby, Pinout LTD declares that the radio equipment type Altruist Insight Indoor Air Monitor (model: ES-ALTRUIST-INST-1) is in compliance with Directive 2014/53/EU.

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

FCC Exposure Statement:

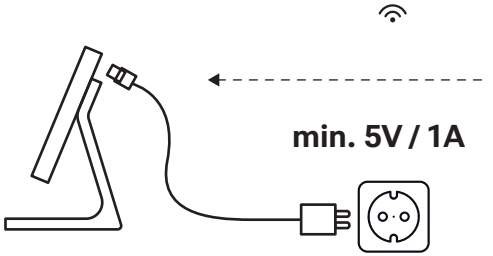
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Contains FCC ID: 2AC7Z-ESPC6WROOM1

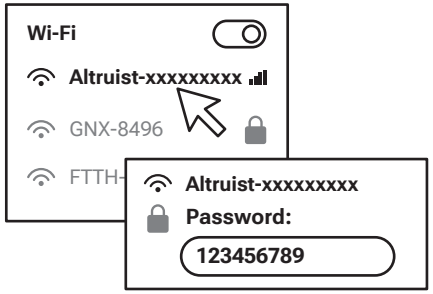
CE RoHS COMPLIANT FC

Set up your “Altruist Insight”

1 Power

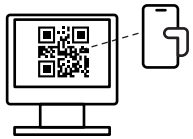


2 Connect to “Altruist”



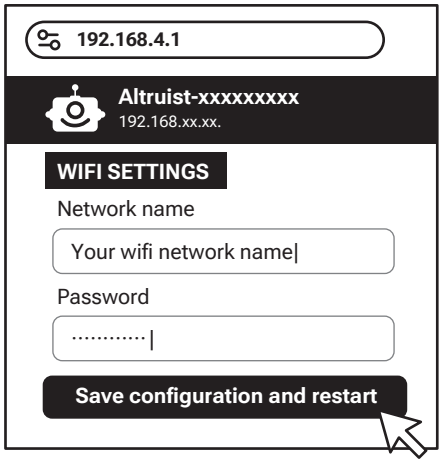
Scan the QR code on the Altruist monitor with your phone, or find it in the Wi-Fi network on your computer (it will appear automatically after the power is connected).

Enter the password: 123456789

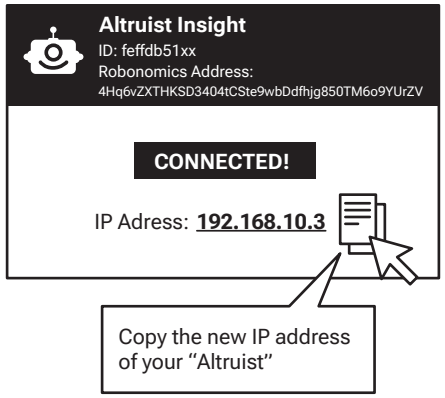


Connect the sensor to your Wi-Fi network

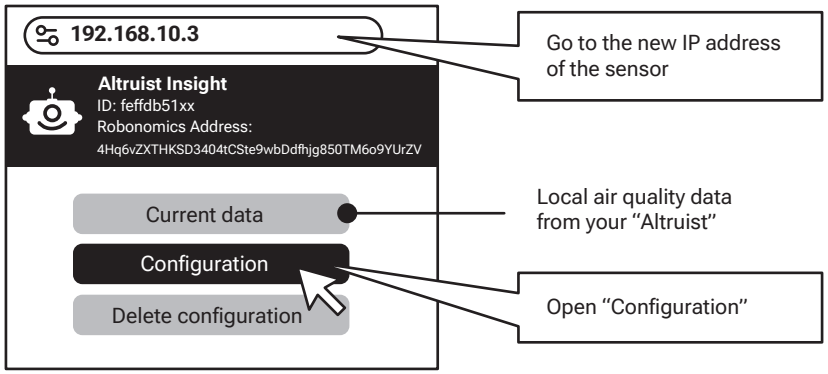
3.1



3.2

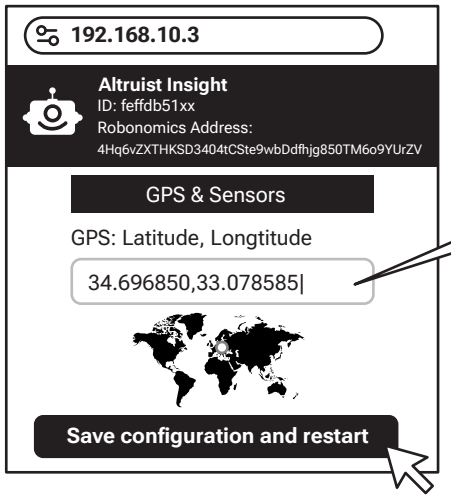


4.1 Connect to the sensor map



4.2 Set the “Altruist” location for the sensor map

Use LatLong to find your coordinates:
www.latlong.net/convert-address-to-lat-long.html



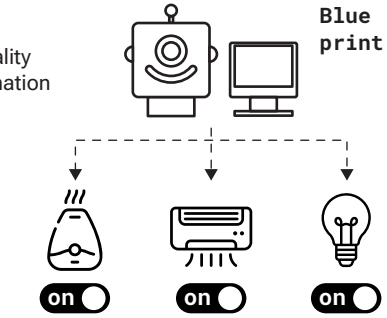
READY!
Your “Altruist” on the open sensor map

After completing the setup, within a few minutes your sensor will be available on the map at sensors.social

Connect your “Altruist” to your Smart Home!

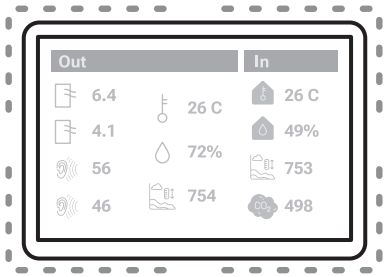
Integration with Home Assistant allows you to monitor air quality directly in your automation system.You can also set up automation scenarios with other devices in your home.

Step-by-step guide:
wiki.robonomics.network/docs/altruist/#home-assistant



E-link Display “Altruist Insight”

The display shows data from your Insight sensor and the Urban sensor connected to the same Wi-Fi network.



LEDs are placed around the perimeter — they serve as an indicator of air quality level.

On the back side of the display, there are three buttons — control elements for switching screens and viewing data.