

Air Quality Sensor

Indoor Air Quality (IAQ)

Measured air quality factors:

- Temperature
- Relative Humidity
- Air Pressure
- Nitrogen Dioxide
- Carbon Dioxide
- Fine Dust
- Volatile Organic Compounds
- Carbon Monoxide
- Ozone



Requirements

- The sensor needs a constant connection to the Wifi.
- Networks with limited time, registration page or changing password are not suitable.
- The installation is done through an app. During the installation process, at first the mobile phone is connected to the Wifi and then the sensor.
- The SSID has to be the same for the mobile phone and for the sensor.

Network and firewall requirements

- Wi-Fi network: 802.11 b/g/n @ 2.4GHz (**dedicated 5GHz Wi-Fi network not supported**)
- Power supply: 5V DC provided by the sensor's power adapter and USB cable
- As briefly mentioned, there is no possibility of using the sensor with a guest-network using a landing/ registration page. In this case, the sensor would have to be white-listed.
- WiFi Network

Ports

Regardless of the type of WiFi network, the ports listed below need to be open.

- 80
- 443
- 8466

These are open by default. However, on occasion, certain firewall configurations would close these ports. Further, it is important that the ports are open bi-directional so that the firmware of the sensors can be regularly updated. As for the internet-protocol, TCP is the one to choose.

IP Addresses

Some companies may block certain IP addresses from being accessed by users of their network. Please make sure to unblock the addresses listed below.

- api.uhooinc.com
- device.uhooinc.com
- device.uhooinc.eu
- data.uhooinc.com
- data.uhooinc.eu