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ax-aeria

Indoor air quality sensor

Specifications



Description

The ax-aeria is an air quality sensor with LoRaWAN wireless technology. It measures temperature, humidity, CO2 equivalent concentration and volatile organic components. It can be used for a variety of applications such as air quality monitoring or greenhouse management.

Measurement Range

-40°C to +125°C (operating temperature depends on batteries used, typically -20°C to +50°C for alkaline batteries)

0%-100% RH

0ppm-60'000ppm CO2 equivalent

0ppm-60'000ppm VOC

Tolerance

+/-0.2°C

+/-2% RH

+/-10% CO2

+/-15% VOC

Measurement Intervals

1s - 12h

Sending Interval

10min - 12h

Communications

LoRaWAN 1.02

Power

USB power supply

Available Versions

Casing box can be adjusted on request regarding material, colour and suspension facility.

Price and Information

CHF 189.- (single sensor)

Quantity discounts available. Contact us for further information or for a testing sample. More information: www.adnexo.ch/hardware/ax-aeria.

Product Series

The ax-aeria is part of the ax-series. The series includes the ax-dist (distance measurement), ax-caeli (air temperature and humidity measurement), ax-aeria (air quality sensor) and ax-tracker (tracking). All adnexo ax-sensors can be configured over LoRaWAN downlinks. All APIs and message formats are laid open. Therefore, the sensors can be integrated in any software solution.

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