# ✚ IQ*Air*® AirVisual® Outdoor
## Community Air Quality Monitor

The ultimate outdoor air quality monitor. Ideal for monitoring local outdoor air quality in residential neighborhoods, traffic school grounds, industrial areas and cities. AirVisual Outdoor is great for measuring air pollution exposure from traffic, industry, construction, agriculture, dust storms, wildfire and waste burning.

## Features & benefits

› Measures smoke (PM1), fine dust (PM2.5), coarse dust (PM10), temperature, relative humidity, and barometric pressure.

› See your data on your phone, tablet or desktop computer with free web and iOS and Android apps.

› Simple installation with 12 m / 39 feet UV-resistant power cable and mounting accessories.

› Power supply via PoE (Power over Ethernet) up to 80 m / 262.5 feet.

› Internet connectivity with build-in Wi-Fi, Ethernet or optional 4G cellular.

› High accuracy of the AirVisual Outdoor has been verified by the Swiss Federal Institute of Metrology (METAS).

› Weather and insect proof design for reliable outdoor performance.

› Easily manage, visualise and share your air quality data.

## Connect with the world's smartest air quality app

Bringing the AirVisual Outdoor online is quick and easy. Connect to a standard power outlet or use the optional solar kit. Register and connect to the internet with the AirVisual app. See your data in less five minutes on the real-time app and web dashboard.

GET IT ON
Google Play

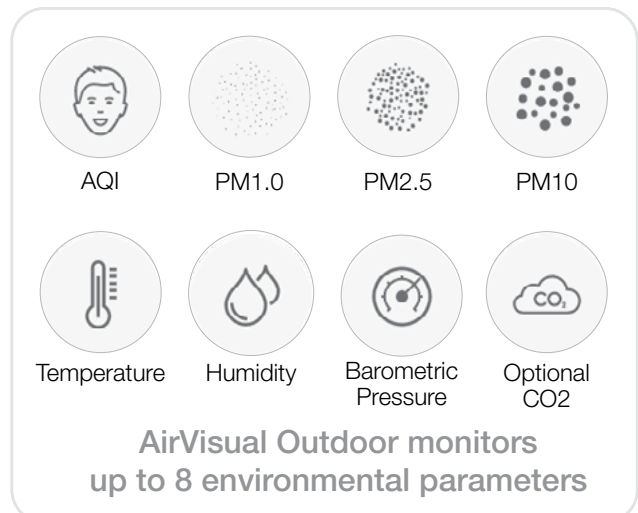Download on the
App Store

🇨🇭 **Swiss Design**    🇩🇪 **Made in Germany**

Integrate your data into your website or export it for further analysis. Share your data with millions of local and global engaged citizens on the world's largest air quality data platform.
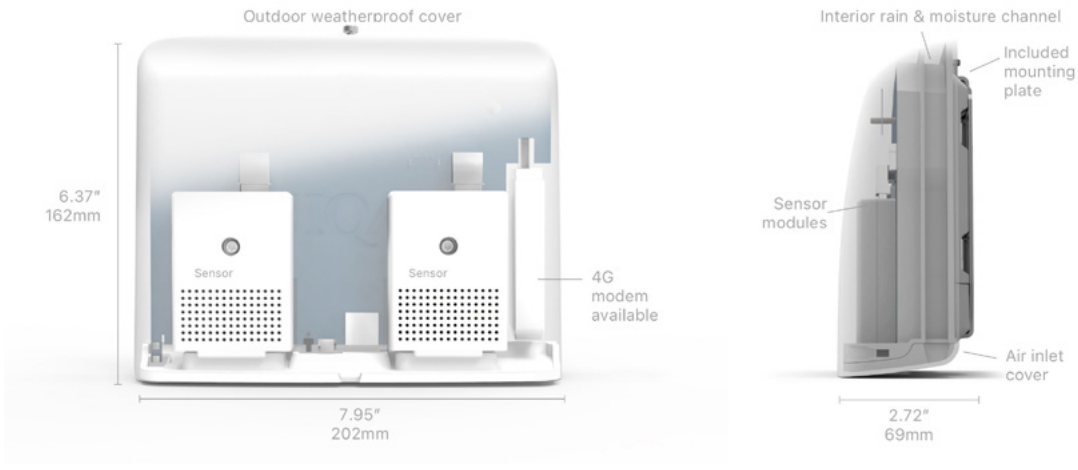
### Leading technology at your fingertips

• Flexible cloud connection via ethernet, Wi-Fi or 4G

• Up to four field-swappable, pre-calibrated sensor modules eliminate the need for factory re-calibration.

• Advanced data validation algorithms and multiple sensors ensure reliable measurements up to 10 years.

• Download, manage and visualize real-time and historical data on the IQAir AirVisual app and web dashboard.

| AQI | PM1.0 | PM2.5 | PM10 |
| --- | --- | --- | --- |
| Temperature | Humidity | Barometric Pressure | Optional CO2 |

**AirVisual Outdoor monitors up to 8 environmental parameters**

Learn more: **iqair.com**

# Technical specifications



## Sensor Specifications

| | |
|---|---|
| **Sensor modules** | Up to 4 field replaceable PM and CO2 sensor modules. |
| **Measurement interval** | 1 minute |
| **Particulate matter** | Light scattering technology – Nephelometer with remote calibration. |
| **PM1** (Very fine dust) | 0 to 1,000 µg/m$^3$  ±10 µg/m$^3$ / or ±10% |
| **PM2.5** (Fine dust) | 0 to 1,000 µg/m$^3$  ±10 µg/m$^3$ / or ±10% |
| **PM10** (Coarse fine dust) | 0 to 1,000 µg/m$^3$ |
| **CO2** (optional) | 400 – 10,000 ppm \| NDIR technology – automatic baseline algorithm |
| **Temperature** | -40 to 90 °C ±2 °C \| -40 °F to 194 °F ±2 °F |
| **Humidity** | 0 to 100% RH ±1% |
| **Barometric pressure** | 300 to 1,100 hPa ±1 hPa \| 8.85 inHg to 32.48 inHg ±0.029 inHg |

## General Specifications

| | |
|---|---|
| **Dimensions** | H 6.37" W 2.72" L 7.95" \| H 162 mm W 69 mm L 202 mm |
| **Data Display** | AirVisual app (iOS and Android) and Web dashboard |
| **Power rating** | 48 V DC 12 W |
| **Power adapter** | 100 - 240 V AC PoE (IEEE802.3at) |
| **Internet connectivity** | Ethernet (100 Mbit fast Ethernet), Wi-Fi (802.11 b/g/n - 2.4 GHz), optional: 3G/4G/LTE via USB modem |
| **Local data storage capacity** | 2 years |
| **Operating Temperature** | -4 to 122°F \| -20 to 50°C |
| **Operating Humidity** | 0 to 100% RH, non-condensing |

## Features

| | |
|---|---|
| **Usage** | Outdoor (UV resistant / weatherproof) Wall or pole mounting (accessories included) |
| **Certificates** | FCC, IC, UL, ROHS, CE, accuracy verified by METAS Swiss Metrological Institute |