

AIRSENSE PRO

Sensamo AirSense includes 4 sensors designed to measure ambient air quality and meteorological conditions. AirSense uses the Intel Edison Internet of Things (IoT) platform, and includes multiple power and communication options.



AirSense collects sensor readings every 30 minutes, and wirelessly transmits data to a preconfigured endpoint.

Sensor Specification Sheets available upon request.

PRODUCT DETAILS

Dimensions: 9 in x 6 in x 4 in

Communications: WiFi, Bluetooth Low Energy (BLE), GSM Cellular

Power: 7 Watt Solar

Data Granularity: 30 minute collection interval

Housing: Fully contained, weather resistant case

SENSOR OPTIONS

Gas (Alphasense)

Configure your AirSense Pro with any two gasses below.

Carbon Monoxide @ 0-20 ppm

Carbon Dioxide @ 0-10,000 ppm

Nitrogen dioxide @ 0-20,000 ppb

Ozone @ 0-20,000 ppb

Note: Other electrochemical gas sensors available upon request.

Gas (MiCS-6814)

Ethanol @ 10 – 500 ppm

Hydrogen @ 1 – 1,000 ppm

Ammonia @ 1 – 500 ppm

Methane @ > 1,000 ppm

Propane @ > 1,000 ppm

Iso-butane @ > 1,000 ppm

Particulates (PPD42NS)

PM 10 & PM 2.5 @ 0-28,000 pcs/liter

Meteorological (AM2302/DHT22)

Humidity @ 5% - 99% RH

Temperature @ -40 - 80°C

Version: 102015 - Please contact Sensamo for latest pricing