

# AIRSENSE

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Sensamo AirSense includes 3 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 1 to 60 minutes, and wirelessly transmits data to a preconfigured endpoint.

## PRODUCT DETAILS

**Dimensions:** 9 in x 6 in x 4 in

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

**Power:** Standard 110 V AC or 3 Watt Solar

**Data Granularity:** 1 - 60 minute collection intervals

## SENSOR SPECIFICATIONS

### Gas

Carbon monoxide @ 1 – 1,000 ppm

Carbon Dioxide @ 0 – 10,000 ppm

Nitrogen dioxide @ 0.05 – 10 ppm

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

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

## Meteorological

Humidity @ 5% - 99% RH

Temperature @ -40 - 80°C