

CITYSENSE

Sensamo CitySense includes 4 sensors designed for Smart City applications. CitySense uses the Intel Edison Internet of Things (IoT) platform, and includes multiple power and communication options.



CitySense 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

SENSORS

Ambient Conditions

Sound @ 40-140 dB

Infrared & Full Spectrum Light @ 0.1-40,000 LUX

Vibration @ 0.001Hz~1000MHz

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

Note: Other sensors available upon request.

Version: 102015 - Please contact Sensamo for latest pricing