ENVIRONMENTAL AIR QUALITY SENSOR SPECIFICATIONS

Sensor & Gateway

Features

- Monitors temperature, pressure, humidity, gas resistance and indoor air quality
- Configurable heater temperature and duration for gas resistance sampling
- Gas Resistance output in Ohms
- Power efficient with a built-in sleep mode
- Multiple sensor readings per day
- Magnet or epoxy mounting
- 2-mile communication range between sensor and gateway

Sensor Environmental and Regulatory Qualifications

- Temperature Operation Range -40°C to +85°C (-40°F to 185°F)
- Operating Pressure Range 300 to 1100% hPa
- Humidity Range 0-100% r.H.
- MSL1
- Halogen-free
- RoHS Compliant
- Indoor Air Quality Metric Calculation with a 0-100 Range

Sensor Data

- Batteries - 4 AA (L91)
- DC External Power (optional) 5-12V DC

Gateway
Actual Size: 13.75"L (with antennae) x 5.5"W x 2.5"H

Sensor
Actual Size: 4.3"L x 3.3"W x 2.2"H

Specifications

- Wireless Frequency 900MHz or 868MHz
- 128bit AES encryption
- Sensor: 4.3"L x 3.3"W x 2.2"H
- Sensor Weighs .9 lb
- Gateway: 13.75"L (with antennae) x 5.5"W x 2.5"H
- Gateway Weighs 1.15 lbs

APPLICATIONS

Long Endurance Industrial Automation	Indoor Air Quality Monitoring	Home Automation and Control	Component of a IoT HVAC System	Weather Forecast at Remote Locations

Software

Dashboard

- Toggle Between Celsius and Fahrenheit
- Easy to Recognize Notification Features Designed to Reduce Alert Fatigue
- Telemetry graphs for Humidity, Gas Resistance, Pressure, Temperature, and Indoor Air Quality (IAQ)
- IAQ Measurement Chart Displayed for Reference, Sensor Battery Level, and Current Temperature

Customization

- Easily Map Your Equipment With Your Terminology
- Create Notification Groups and Escalation Groups (SMS or Email)