

AIR QUALITY MONITORING SOLUTION

specifications for air quality sensor and sensor hub

PROJECT INFORMATION

CATALOG #:	
TYPE:	
PROJECT:	
SPECIFIER:	

INDOOR AIR QUALITY MONITORING, ALERTING AND REPORTING

- ▶ **RELATIVE HUMIDITY**
- ▶ **CO2**
- ▶ **TEMPERATURE**
- ▶ **DASHBOARDS**

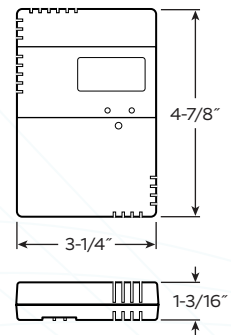
Dashboards feature real-time sensor reading gauges with 7, 30 and 365 day historical trendline graphs to help identify trends and/or potential problems.

▶ **ALERTS**

Automated alerting sent to appropriate personnel when sensor readings cross high thresholds.

▶ **REPORTS**

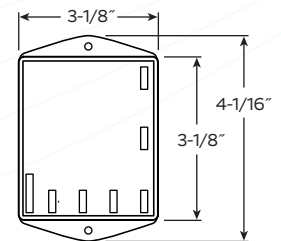
Download reports to analyze historical data.



WALL-MOUNTED AIR QUALITY SENSOR

LEVEL FEATURES

Level 1 Connect	Real-time device level monitoring through a user interface
Level 2 Advise	<p>Dashboards, alerts and reports</p> <p>Real-time gauges and historical trends</p> <p>Meets WELL Building Standard, Air -18; Part 1b Indoor Air Monitoring, Part 2b Record Keeping and Part 3abc Environmental Measures Display</p> <p>Meets LEED v4 (BD+C EQ) for monitoring carbon dioxide in naturally ventilated spaces</p>



REMOTE-MOUNTED SENSOR HUB

CABLING AND CONNECTOR CONSIDERATIONS
available at PLATFORMATICS.com

ordering information

PRODUCT

POE-IOT-SB-AQM
Air Quality Sensor

Sample: **POE-IOT-SB-AQM**



AIR QUALITY MONITORING SOLUTION



Dashboard featuring live gauges of current sensor levels and trendline graphs of the past 7 days.

SPECIFICATIONS

Connect Software Requirement	Minimum V2.0
Cable Requirement*	18-24 gauge 5-conductor cable attaches sensor to sensor hub
Sensor Hub Connection Requirement	Flying leads plug into screw terminal blocks

*Not provided

AIR QUALITY SENSOR MANUAL
available at SENVAINC.com

AIR QUALITY SENSOR INSTALLATION INSTRUCTIONS
available at SENVAINC.com

SENSOR ENVIRONMENTAL SPECS

Normal Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	0% to 95%, non-condensing
Enclosure Material	ABS plastic

SENSOR HUB ENVIRONMENTAL SPECS

ROHS	Compliant
Normal Operating Temperature and Altitude (Density Altitude)	-5°C to +45°C (+23°F to +113°F), up to 5000ft (1500m) -5°C to +40°C (+23°F to +104°F), up to 10,000ft (3000m) Min ambient temperature for cold start is 0°C (+32°F)
Relative Humidity	10% to 95%, non-condensing
Storage Environment	Temperature: -40°C to +70°C (+40°F to +158°F)
Location	For use in dry locations.



AIR QUALITY MONITORING SOLUTION

WIRING CONSIDERATIONS

