Air quality monitor made for healthy buildings

Know what is in your air, instantly and accurately: The Sensedge offers 24/7, real-time monitoring of you indoor air quality. Color-coded displays and indices of various pollutants allow for quick, at-a-glance readings.

- PM2.5
- AQI
- TVOC
- CO2
- Temperature
- Humidity

Optimize building operations

Maximize performance of your interior's filtration and HVAC system with easy-to-export air quality data. Compare and analyze historical data for healthier building management.

Privacy is a priority

The Sensedge has been carefully designed to offer maximum security with:

- End-to-end encryption
- Industry standard SSL/TLS for transport security
- Cloud-based authentication
- Password-enabled ID

Designed to fit anywhere

AtmosAir Solutions™
CAG-07-19-001

418 Meadow Street. Suite 204 Fairfield, CT 06824 | 2115 East Cedar Street, Suite 6 Tempe, AZ 85281
P 203-338-3700 (CT) / 203-364-8424 (AZ) | F 203.338.1078 | AtmosAir.com

AtmosAware Air Quality Reporting

Gensler Weekly Report

2018/09/17 – 2018/09/23

We hope you had a good weekend! Here's a summary of what happened in your environmnt last week

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Gensler at One Museum Place

PM2.5	4.0μg/m³ Indoor avg	Very Good Level	4.0μg/m³ Indoor avg	84.0% Reduction
PM10	4.0μg/m³ Indoor avg	Very Good Level		
TVOC	4.0μg/m³ Indoor avg	Very Good Level		
CO1	546 ppm Indoor avg	Very Good Level		

The outdoor station used as reference for this location is Jinganjiancezhan (静安监测站). Data coverage is 52 %. We have received 9922 out of 18900 data points possible.

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TECHNICAL SPECIFICATIONS

CO_2 Sensor

Sensor Type	Non-dispersive infrared
Accuracy [2][3]	±3% ±50ppm
Resolution	1ppm
Range [4]	400-2000ppm

KM-102 Module [5] TVOC

Sensor Type	MOS
Precision [6][7]	±15%
Resolution	1ppb
Sensitivity	125ppb

Temperature

Range [4]	-20 – 100°C
Accuracy	±1°C
Resolution	1°C

Relative Humidity

Range	0 – 99%
Accuracy	±5°C
Resolution	1°C

KM-100 Module [8] PM

Sensor Type	Light scattering (350nm)
Precision [9][10]	±10% (<30µg/m³: ±3µg/m³)
Resolution	1µg/m³
Range	1-1000µg/m³
Measurable particle size	0.3-2.5µm

Connection

Wi-Fi (2.4Ghz), Ethernet
Support for hidden SSIDs, CaptivePortal and proxy servers

Data logging

8GB of on-board memory (>50,000,000 data points)
>100 years at 1 minute interval

External storage

Cloud-based, Micro-SD card, USB

Log interval

1 minute, 1 hour, 1 day

Screen

7" full colour touchscreen

Battery

5200mAh (5 hours with screen powered on, 11 hours with screen powered off)

Input voltage

DC - 5V

Input current

1.8 A

Operational temperature [11]

0 – 50°C

Storage temperature

-20 – 50°C

Operational humidity

5 to 95% RH, non-condensing

Physical size

184 x 146 x 48mm
(7.2 x 5.7 x 1.9in.)

Product weight

800g (1.76lb)

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