

Sonoff AirGuard CO2 SAWF-08P WiFi LCD Air Quality Meter



Model: SAWF-08P

Manufacturer: SONOFF

EAN: 6920075743258

Product Code: 1089186

R1,776

Sonoff AirGuard CO2 SAWF-08P WiFi LCD Air Quality Monitor

The SAWF-08P Air Quality Monitor is a compact device for monitoring carbon dioxide concentration, temperature, and humidity in real time. Equipped with a precise NDIR sensor, a clear 3.73" LCD display, 2.4 GHz WiFi connectivity, and Matter standard support, it allows you to conveniently control the conditions in your home, office, or child's room. It offers audible and visual alarms, measurement history recording, and integration with smart home systems, making it easy to respond quickly to deteriorating air quality.

CO₂ level control

Excessive CO₂ concentrations affect well-being and concentration. Air is considered safe in the range of 400-1000 ppm, while values above 1000 ppm can cause fatigue, decreased efficiency, and

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headaches. When the level exceeds 1500 ppm, the comfort of being in the room is significantly reduced. Constant monitoring allows you to quickly decide whether to ventilate or improve ventilation, which translates into better conditions for work and rest.

Precise NDIR sensor and fast response

The SAWF-08P model uses NDIR technology, which ensures stable and accurate CO₂ measurement in the range of 400-5000 ppm. Accuracy of ± 50 ppm $\pm 5\%$ allows for reliable assessment of indoor air quality. Data refreshes approximately every 5 seconds, making changes visible almost immediately, which facilitates a quick response to an increase in carbon dioxide concentration.

3-in-1 monitoring - CO₂, temperature, and humidity

The device monitors not only CO₂ levels, but also temperature in the range of 0-50°C with an accuracy of $\pm 0.5^\circ\text{C}$ and humidity from 5 to 95% RH with an accuracy of $\pm 3\%$. This gives you a complete picture of the conditions in the room in one place. It is a practical solution that helps maintain a comfortable environment in your bedroom, living room, office, and children's room.

Clear display and compact design

The large 3.73-inch LCD screen clearly displays the current measurement values. Network and alarm status icons make it easy to monitor the device's operation. The compact dimensions and stable base allow you to conveniently place the meter on a desk, shelf, or nightstand.

Smart alerts and notifications

Sonoff AirGuard CO₂ offers three forms of warning: an audible signal, a light indicator, and notifications in the app. When the set threshold is exceeded, the device immediately informs you of the deterioration in air quality. This allows you to stay up to date.

Matter integration and voice control

Support for the Matter standard allows integration with popular smart home platforms. Pairing is done by scanning the Matter code, which makes configuration easy. Once connected to the system,

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you can check CO₂ levels using your voice assistant and create automations, such as turning on ventilation when a certain value is exceeded.

Measurement history and data analysis

The app provides a measurement history that allows you to analyze changes in CO₂ levels. The ability to view daily, weekly, or monthly data makes it easy to assess the quality of ventilation in a room and identify when concentrations are most likely to rise. This is practical support for maintaining a healthy microclimate on a daily basis.

Stable power supply and WiFi connectivity

The device is powered via a USB-C port (5V/1A), which ensures stable and uninterrupted operation. WiFi connectivity in the IEEE 802.11 b/g/n 2.4 GHz standard allows constant access to data from the app, even when you are away from home. This gives you full control over air quality regardless of where you are.

Included

- air quality meter
- USB-A to USB-C cable
- user manual

Manufacturer	Sonoff
Model	SAWF-08P
Wireless connection	IEEE 802.11 b/g/n 2.4 GHz
Interface	USB-C
Input voltage	5V / 1A
Temperature measurement range	0-50°C
Temperature measurement accuracy	±0.5°C
CO ₂ measurement range	400~500 ppm

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CO₂ measurement accuracy	±50 ppm ±5%
Humidity measurement range	5-95% RH, non-condensing
Humidity measurement accuracy	± 3%
Dimensions	103 x 26 x 70 mm

Kind: Air quality sensor, Connectivity: Wi-Fi, GPSR Link: https://psr-assets.innpro.pl/smarthome/sg_smarthome_actuators.pdf, Gross weight: 190, Net weight: 101, Box length: 13,00, Box width: 12,50, Box height: 3,00, Information about data generation: <https://dataact.innpro.pl/Sonoff/6920075743258>, PPWR: <https://ppwr.innpro.pl/sonoff>

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