

Volatile Organic Compound (VOC) Detector



Model: AI-VOC-D



Features

- Built-in sensor for VOC and temperature
- Optional RS-485 Modbus Communication
- Easy wall mounting solution requiring minimal civil adjustments
- 2-line LED display
- Programmable buzzer alarm

Know VOC and temperature levels in all environments with the Ace Instruments VOC Detector (AI-VOC-D). Equipped built-in sensor and LED display, the monitor is suited for wall mounting and accurate tracking in most indoor environments.

The VOC detector uses a MOX based sensor, sensitive to most VOC gases in indoor environments. It has a 2-line LED display and gives two 4-20mA signals, one each for VOC and temperature.

An in-built buzzer alarm, freely programmable is available for both temperature and VOC levels with an acknowledgement key on the front facia, The VOC detector also comes with optional RS-485 Modbus communication for BMS/EMS connection.

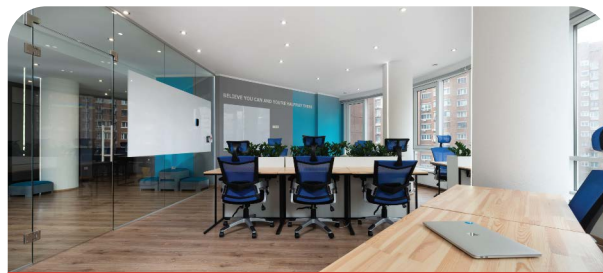
Comprehensive indoor air quality monitoring range
CO₂ | CO | Temp | Humi | VOC | PM | O₂



Improve occupant comfort and building environment through IAQ monitoring in..



Retail spaces



Workspaces



Hospitals and Laboratories



Auditoriums & museums

Specifications

Temperature	Measuring Range: 0-50°C Accuracy: $\pm 0.5^{\circ}\text{C}$
VOC	Measuring Range: 0-500 ppm Accuracy: ± 30 ppm
Sensor	Built-in sensor for all parameters (Switzerland) MOX based
Resolution	1 ppm least count
Display	2 line, 4 digit 7 segment LED display of height 0.56"
Mounting	Wall mounting ABS plastic enclosure
Switch On Behavior	Time until reliably detecting VOC Events <60 seconds
Sensor Working Life	>4 years at 10-45°C and 40-80% RH for general applications
Communication	Optional RS-485 Modbus RTU protocol
Analog Outputs	2 x 4-20mA Outputs, 1 each for VOC and temperature
Power Supply	24 VDC, 350 mA
Enclosure	Type: Wall mounting type IP54 rating compliant ABS plastic body Size: 120 (W) x 80 (H) x 55 (D) mm

Customize your IAQ solution with us today



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