



IAQ01

INDOOR AIR QUALITY MONITOR



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Elevate your indoor air quality monitoring with the Futuristic 6 Parameter Indoor Air Quality Monitor IAQ01. Ideal for wall mounting, this advanced device with a touchscreen display and built-in sensors accurately tracks Temperature, Humidity, VOC, PM2.5, PM10, and CO2 levels.

The IAQ01 features RS-485 Modbus or Wi-Fi communication for seamless integration with Building Management Systems (BMS) and remote monitoring. It includes an in-built audio buzzer alarm, field-programmable for all parameters.

FEATURES

- Built-in sensors for all parameters (CO2, PM2.5, PM10, VOC, Temperature, Humidity)
- RS-485 Modbus or Wi-Fi Communication
- Easy wall mounting solution requiring minimal civil adjustments
- Touchscreen-based display
- Programmable buzzer alarm

APPLICATIONS

- Server Rooms
- Workspaces
- Educational Institutes
- Auditoriums & museums

SPECIFICATIONS

CO2	Measuring Range: 0-5000 ppm
	Accuracy: ± 50 ppm; $\pm 5\%$ of reading value
Temperature	Measuring Range: -20 to +65°C
	Accuracy: $\pm 0.5^\circ\text{C}$
Humidity	Measuring Range: 0 to 100%RH
	Accuracy: $\pm 3\%$ RH
VOC	Measuring Range: 0-500 ppm
	Accuracy: ± 30 ppm
PM 2.5, PM10	Measuring Range: 0-1000 $\mu\text{g}/\text{m}^3$
	Accuracy : $\pm 15 \mu\text{g}/\text{m}^3$ (when concentration is $< 100 \mu\text{g}/\text{m}^3$) : 15% (when concentration is $> 100 \mu\text{g}/\text{m}^3$)
Sensor	Built in sensor for all parameters
Display	3.5" touch screen full color TFT display
Communication	RS485 Modbus or Wi-Fi with web-based interface to access real-time data and generate custom reports
Power Supply	24 VDC with adaptor provided
Enclosure	Panel/wall mounting ABS plastic enclosure

**Design and specifications are subject to change without notice



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