



YES IMS is a self-contained, Intelligent Monitoring System (IMS) that is easy to use to monitor and record indoor air quality (IAQ) measurements.

It has a nine channel sensor capacity, two dedicated to one internal relative humidity (RH) and one temperature sensor and the remaining configurable up to seven gas sensors.

Options include a fixed wall mount model or a desktop model with a wide range of sensors to choose from, including particulate, electrochemical, solid state, infrared and TVOCs (solid state and PID). The fixed wall mount model can be permanently wired with 24 VAC or DC and the portable desktop version comes with a 12 VDC wall adapter. Both models allow for around the clock continuous monitoring and data logging.

YES IMS has an internal logging memory that will store over two months worth of readings when logging once per minute. Data is saved in a Microsoft® Excel friendly CSV format and can be extracted from the unit with a standard USB connection or Wi-Fi interface. Users can analyze and graph data using CETCI's proprietary data logging software.

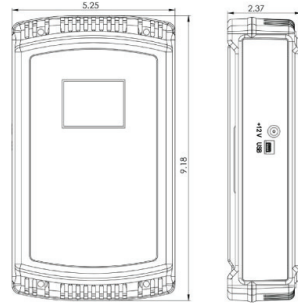
KEY FEATURES

- » 9 sensor capacity
- » Standard LCD display
- » Wide range of sensors available to choose from, including particulate, electrochemical, solid state, infrared and TVOCs
- » Light weight desktop model or fixed wall mount model
- » High capacity internal data logging
- » Proprietary IMS Viewer data logging software included
- » Optional Wi-Fi module
- » RoHS compliant circuit boards

APPLICATIONS

- » Residential and Commercial Buildings
- » Hospitals, Laboratories, Research Facilities
- » Parking Garages
- » Airports
- » Hotels
- » ... and many more

TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

GAS TYPE

Electrochemical

Ammonia (NH₃), Carbon Monoxide (CO), Chlorine (Cl₂), Ethylene (C₂H₄), Ethylene Oxide (C₂H₄O), Formaldehyde (CH₂O), Nitrogen Dioxide (NO₂), Oxygen (O₂), Ozone (O₃), Sulphur Dioxide (SO₂)

Infrared

Carbon Dioxide (CO₂)

Combustible Gas (solid state)

Hydrogen (H₂), Methane (CH₄), Propane (C₃H₈), etc.

Particulates (convection)

TVOCs (solid state & PID)

MECHANICAL

Enclosure	General Purpose PVC / ABS
Weight	600 g (1.4 lb)
Size	9.2" x 5.3" x 2.4" (233 mm x 133 mm x 60 mm)
Case (included)	Hard plastic storage/carrying case with foam lining



TECHNICAL SPECIFICATIONS continued

ELECTRICAL

Power	
Desktop Model	Plug-in, 12 VDC, Class III, 2 A DC max. wall adapter
Wall Mount Model	24 VAC or DC, 500 mA max. capacity
Sampling	Diffusion
Memory	8 MB
Calibration	Using the PC application software available only to authorized distributors.
Information Recording	User configurable through PC application software.
Circuit	Microprocessor
Communication	Miniature USB port

USER INTERFACE

Display	Full colour LCD display
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ENVIRONMENTAL (sensor dependant)

Operating Temperature	5°C to 50°C (41°F to 122°F)
Operating Humidity	5 - 95% RH non-condensing
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Humidity	0-99% RH non-condensing

CERTIFICATION

CE	Pending
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PRODUCT CODES

Wall mount model c/w temperature & RH sensors plus capacity for 7 gas sensors	YES-IMS-W
Desktop model c/w temperature & RH sensors plus capacity for 7 gas sensors	YES-IMS-D

SENSOR OPTIONS

Ammonia (NH ₃) electrochemical (0 - 50 ppm)	SES-3E-100
Carbon dioxide (CO ₂) infrared (0 - 5,000 ppm)	IMS-CO2 IR
Carbon monoxide (CO) electrochemical (0 - 200 ppm)	SEF-TCO
Chlorine (Cl ₂) electrochemical (0 - 5 ppm)	SEC-4CL-CL2
Combustible gas (CH ₄ , H ₂ , C ₂ H ₆) solid state (0 - 50% LEL)	SEF-8000-CB
Dust / particulate convection (1 - 10 micro meters)	IMS-PARTICULATE
Ethylene (C ₂ H ₄) electrochemical (0 - 500 ppm)	SEM-4C2H4
Ethylene oxide (C ₂ H ₄ O) electrochemical (0 - 20 ppm)	SEC-4ETO-C2H4O
Formaldehyde (CH ₂ O) electrochemical (0 - 10 ppm)	SEM-CH2O/M-10
Hydrogen sulphide (H ₂ S) electrochemical (0 - 50 ppm)	SEC-4HS-H2S
Nitrogen dioxide (NO ₂) electrochemical (0 - 10 ppm)	SEC-4ND-NO2
Oxygen (O ₂) electrochemical (0 - 25% volume)	O2-A3 OXYGEN
Ozone (O ₃) electrochemical (0 - 1 ppm)	SES-4000-O3
Sulphur dioxide (SO ₂) electrochemical (0 - 20 ppm)	SEA-4S02
TVOCs PID (0 - 30 ppm)	PID-AH
TVOCs PID (0 - 300 ppm)	PID-A1
TVOCs solid state (0 - 50 ppm)	SEF-8000-COF

COMMUNICATION OPTIONS

Wi-Fi Option	IMS-WIFI
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OPTIONAL ACCESSORIES

Hard shell, dust/water tight storage/carrying case with foam lining	6010.20
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شرکت آلاپرداز ممیبا

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