



HATECH
GASDETECTIETECHNIEK



IAQPoint2™ SPECIFICATIONS

Touchscreen Indoor Air Quality Monitor

Model	IAQPoint2 with CO ₂ Sensor	IAQPoint2 with VOC Sensor
Gasses	CO ₂	Volatile Organic Compounds (VOC)
Detection Method	Non-dispersive infrared (NDIR) with ABC automatic background calibration algorithm	Metal oxide semiconductor (MOS)
Range	0-2,000 ppm 0-5,000 ppm	0-100 (400-2,000 ppm CO ₂ Equivalent)
Accuracy*	±30 ppm +3% of reading @ 25°C for 0-2000 ppm; ±30 ppm +5% of reading @ 25°C from 2000 to 5000 ppm	
Response Time	T ₉₀ < 60 seconds	T ₉₀ <60 seconds
Calibration	No Calibration Required	No Calibration Required
Temperature Sensor		
Detection Method	Band Gap	
Accuracy	±0.5°C at 25°C and 50% rH	
Humidity Sensor		
Detection Method	Capacitive Type	
Range	0-95% rH	
Accuracy	±5% at 25°C and 50% rH	
System Operation		
Temperature	32° to 122°F (0° to 50°C); 32° to 104°F (0° to 40°C) for VOC Wall mount configurations	
Humidity	0 to 95% rH, Non-condensing	
Power In	20 to 30 VAC; 18 to 28 VDC	
Consumption	200 mA @ 24 VDC	
Dimensions	3.0 (w) x 4.6 (h) x 1.5 (d) in (11.8 x 7.7 x 3.7 cm)	
Weight	.44 lbs (.20 kg)	
Enclosure	ABS	
Display	TFT, Multicolor graphical touch screen display; 1.9 (w) x 2.6 (h) in (4.9 x 6.5 cm) (Optional with Analog units)	
Languages	English, French for first release	
Outputs		
Analog	4-20 mA, 2-10 VDC fixed	
Digital	Modbus RTU, BACnet MS/TP, BTL listed; LonWorks, LonMark certified	
Relay	3 Amps, 250 VAC resistive, and 30 VDC SPDT; Field configurable set point & hysteresis	
Override	Selectable on Display Units	
Mounting Options		
Wall Mount	IP22	
Duct Mount	IP54	
Certifications		
US	ANSI/UL 61010-1	
Canada	CAN/CSA C22.2 No. 61010-1	
Europe	CE	
Warranty	1 year	

*Note: Allow an additional ±2% of reading for calibration gas cylinder. With ABC enabled, allow 3 weeks for stabilization.

Please Note:

While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This publication is not intended to form the basis of a contract.

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