

IAQPOINT2

Touch for fresh-air comfort and to cut energy costs help building occupants stay alert, refreshed and do more.



IAQPoint2™ puts money in your pocket and fresh air comfort into your building by using demand-controlled ventilation and triple monitoring (CO₂ or VOCs, Temperature and Humidity).

WHY MONITOR CARBON DIOXIDE?

High levels of CO₂ can cause drowsiness and create an inefficient work environment for building occupants. To combat this problem, building managers may run the ventilation system continuously, but this is an inefficient, costly practice. With IAQPoint2 in place, the ventilation system runs only as needed, cutting operational costs. Digital communications (BACnet, Modbus or LonWorks) connects to a BAS, adding intelligence and control. These advantages can boost building performance and profitability.

WHY MONITOR VOLATILE ORGANIC COMPOUNDS?

Increasingly, studies show a connection between the presence of VOCs (volatile organic compounds) and adverse health effects. Commercial, educational and government buildings contain VOCs by the thousands, such as:

- Organic odors, aerosols, disinfectants, cleansers (washrooms, kitchens)
- Paints, waxes, cleaning supplies, pesticides (janitorial closets)
- Copiers, printers, correction fluids,

adhesives, permanent markers, photographic solutions (copier/printing rooms)

- Fuel cans, solvents, preservatives, automotive and vehicle products (warehouses, shipping areas)

- Formaldehyde carpets (offices and office areas)

IAQPoint2 also detects methane, carbon monoxide and nitrogen dioxide.

KEY FEATURES

- **User-Friendly Touchscreen Operation**
- **Menu driven, customizable, easy-to-navigate display**
- **Large VGA screen with easy-to-read graphical display**
- **Simple wall or duct-mount**
- **Multi-analog or digital (BACnet, Modbus, LonWorks) options**
- **DC and AC power; fits standard junction box**
- **15 year sensor life with automatic self-calibration**
- **Adjustable set-points and optional relay for local fan activation**
- **3-in-1 Monitoring**
- **Choose reliable CO₂ or VOC sensing technologies**
- **Optimize room comfort through temperature control**
- **Integrates seamlessly with Building Automation Systems (BAS) via BACnet, Modbus, and LonWorks or 4-20mA**
- **Green Attributes – Obtain LEED credits**
- **Meet ASHRAE 62.1 standard**
- **Low power consumption and ‘sleep mode’ feature**
- **Optimize HVAC use and extend life of components**

TOUCHSCREEN INDOOR AIR QUALITY MONITOR

Override feature – Reset demand control ventilation settings based on room occupancy (e.g. during off-peak hours).

Temp/rH sensor – Adjust room temperature at the touch of a button; eliminate extra IAQ devices.

Calibration Port – Connect calibration tube for fast, accurate bump test; calibrate IAQPoint2 without opening the casing.

CO₂ or VOC sensor – Monitor gas concentration readings to drive demand-controlled ventilation; achieve savings and comfort by avoiding over- or under-ventilation.

USB Port – Update display graphics with logo and contact information; allow future uploads of product enhancements.



Non Display Unit – View at a glance normal or fault status



Ductmount Kit – Gain maximum flexibility for installation

SPECIFICATIONS –Honeywell IAQPoint2

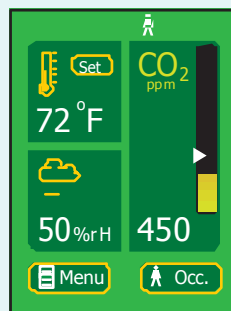
Mounting	Wall Mount
CO₂ Monitor	NDIR
Range	0 – 2000ppm,
Output	Analogue
Alarm	Relay and Local
Display	Colour LCD
Part Number	67-1011

SPECIFICATIONS –Honeywell IAQPoint2 with Integrated Temp and RH

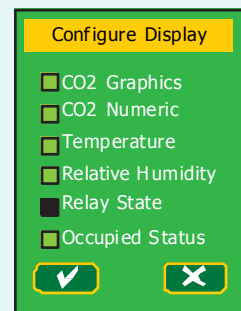
Integral Temp	(0-50°C)
RH	(0-100%RH)
Mounting	Wall Mount
CO₂ Monitor	NDIR
Range	0 – 2000ppm,
Output	Analogue
Alarm	Relay and Local
Display	Colour LCD
Part Number	67-1013

THE TOUCHSCREEN DIFFERENCE

IAQPoint2's unique, patented touchscreen monitor brings leap-forward technology right to your fingertips, with benefits that extend from simplified installation and commissioning to user operation. You can set password levels and protect from tampering; configure fan activation set-points; select screen content, engineering units and language. You get control.



Hide or Reveal Info Select or deselect IAQ parameters for viewing



Navigate menu with Ease Save time, get full use and value out of the monitor

IAQPOINT2

SPECIFICATIONS Specifications subject to change without notice

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	0.44 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



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