

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.

Find out more

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Toll-free: 800.538.0363

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