

SensePoint 2

"The Art of Gas Detection"

The **SensePoint 2** gas detector is R.C. Systems' newest solution for dual point monitoring with local alarm indication. Ideal for laboratory and commercial environments. With a bright, vivid backlit color display, Modbus and programmable relays, it will satisfy the most demanding application's requirements. The **SensePoint 2** gas detector supports all temperature compensated smart sensor types including Electrochemical, Catalytic Bead, Infrared and Photoionization sensors. It even has Arctic options available for extreme low temperature installations.



FEATURES HIGHLIGHT:

- Vivid QVGA Backlit Color TFT Display
- Display Color Changes with Alarm Status
- Dual Generation 2 Smart Sensor Compatible for increased signal stability
- Sensor Life Indication
- Remote Sensor Option
- Non-intrusive One-Man Calibration
- Temperature Compensation
- Two RS-485 Modbus Port
- 3 programmable relays and Fault relay [Note: adding audio and/or visual alarm options to your configuration reduces relay availability. Ex: Piezo selection will occupy one programmable relay and strobe selection will occupy a second programmable relay.]
- Heated elements available for low temperature
- Multi color visual alarm indicator
- Audible alarm indicator

SPECIFICATIONS

Power Supply Optional	Input: 110/230 VAC, Output: 24 VDC at 15 watts
Display	QVGA backlit color TFT 320x240
Sensor Input	Electrochemical, Catalytic Bead, Infrared, Photoionization Detector sensor, Modbus, 4-20mA
Standard Output	Dual 4-20mA current source. Max loop Resistance 600 ohms @ 24VDC, Modbus/TCP
Optional Outputs	Three programmable relays plus dedicated FAULT relay (form C , rated 5 amp at 30 VDC or 240 ~VAC RESISTIVE) Dual programmable master / slave MODBUS RS-485 serial interfaces
Environmental	Operating range -40°C to +60°C Sensors include sensor heater for low temperature operation Relative humidity to 95% for IR; to 85% noncondensing when using electrochemical sensors
Housing	Polycarbonate 10% Fiberglass Reinforced
Dimensions	(Outside) Width 8.60 " (218.4 mm), Height 8.37 " (212.6 mm), Depth 5.12 " (130.0 mm) (Inside) Width: 7.47" (189.8 mm), Height: 7.25" (184.1 mm), Depth: 4.59 " (116.6 mm)" Shipping weight 10 pounds (3 kg)
Audible	1000 - 0668, 94 dB at 1 meter 1000 - 3939, 97 dB 1000 - 3143, 110 dB

ALL DIMENSIONS IN INCHES

