



Dual Sensor Gas Detectors

"The Art of Gas Detection"



*SenSmart 7900

- 2.4GHZ/900MHZ wireless with integral battery
- Local calibration and real time event log
- 15' remote sensor option
(backlight available on local powered version)

SenSmart 6900*

- QVGA LCD with stunning color graphics
- Ethernet: Modbus TCP with web server
- RS-485 remote sensor option up to 4000'
- Dual Port Modbus RTU/relays option



*SenSmart 3900

- 3-Wire 4-20mA (source) with local backlit LCD graphic display
- Local Calibration and real time event log
- Single Port Modbus RTU/relays option

* models also available in "PY" Poly Enclosure



Models are available in Aluminum, Stainless Steel and Poly enclosure options. For features, please see the table below, and as always, contact R.C. Systems for solutions to your gas detection needs.

Dual Sensor Gas Detector	SenSmart 3900	SenSmart 6900	SenSmart 7900
Display	Backlit LCD	Color Backlit LCD	LCD
Power Supply	10-30 VDC	10-30 VDC	10-30 VDC or 3.6V Battery
Modbus RTU (RS-485)	Yes	Yes	
Modbus TCP/IP		Yes	
Alarm Relays	Yes	Yes	
Standard Output	4-20mA Source ¹	4-20mA Source	Wireless
Local Alarm Indication	LEDs	LCD Display Color	LEDs
Real Time Clock	Yes	Yes	Yes
Event Log	Yes	Yes	In WLR Controller
Temperature Compensation	Yes	Yes	Yes
Local Calibration	Yes	Yes	Yes
Magnetic Keypad	Yes	Yes	Yes
Arctic Sensor Available	Yes	Yes	
Enclosure Heater Available	Yes		
Embedded Webpage		Yes	
Password Protected	Yes	Yes	Yes
Sensor Life	Local Display and Transmit	Local Display and Transmit	Local Display
Sensor Technology Combinations	<ul style="list-style-type: none"> • Dual Infrared • Electrochemical and Catalytic Bead/ Infrared/PID 	<ul style="list-style-type: none"> • Dual Catalytic Bead/Infrared/PID • Dual Electrochemical • Electrochemical and Catalytic Bead/ Infrared/PID 	<ul style="list-style-type: none"> • Dual Infrared • Dual Electrochemical • Electrochemical and Infrared
Remote Sensor	4-20mA	Up to 4000'	Up to 15'
Area Classification ^{2,3}	<ul style="list-style-type: none"> • Cl 1 Div. 1 Explosion Proof • Cl 1 Div. 2 Non-Incendive 	<ul style="list-style-type: none"> • Cl 1 Div. 1 Explosion Proof • Cl 1 Div. 2 Non-Incendive 	<ul style="list-style-type: none"> • Cl 1 Div. 1 Explosion Proof • Cl 1 Div. 2 Non-Incendive

1 Isolated 4-20mA Output Option Available

2 Poly Enclosure only certified for Class 1 Division 2 applications.

3 Reactive Gases are limited to Cl 1 Div 2 applications