

Combustible Gas Detectors

"The Art of Gas Detection"



* SenSmart 7300

- 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 6200/6300 *

- 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 3200/3300

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

SenSmart 1200/1300 *

- Low Cost, 3-Wire Bridge output



Quasar 900 Series

- Performance in all weather
- 4-20mA, RS-485 Modbus compatible, HART output options available
- Open Path up to 660ft (200m)



* models also available in "PY" Poly Enclosure



Dual Sensor models are also available for:
SenSmart 3000, 6000 and 7000 series gas detectors

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.

	Single Point				Open Path
Combustible Detectors	SenSmart 1200 SenSmart 1300	SenSmart 3200 SenSmart 3300	SenSmart 6200 SenSmart 6300	SenSmart 7300	Quasar 900
Display	None	Backlit LCD	Color Backlit LCD	LCD	None
Power Supply	10-30VDC 4-20mA Loop	10-30 VDC	10-30 VDC	10-30 VDC or 3.6V Battery	18-32VDC
Modbus RTU (RS-485)		Yes	Yes		Yes
Modbus TCP/IP			Yes		
Alarm Relays		Yes	Yes		
Standard Output	3-wire Bridge or 4-20mA (Source)	4-20mA Source ¹	4-20mA Source	Wireless	4-20mA Sink (Source Option)
Local Alarm Indication		LEDs	LCD Color	LEDs	LEDs
Real Time Clock		Yes	Yes	Yes	
Event Log		Yes	Yes	In WLR Controller	
Local Calibration		Yes	Yes	Yes	Yes
Magnetic Keypad		Yes	Yes	Yes	
Arctic Sensor Available		Yes	Yes		Heated Optics
Enclosure Heater Available		Yes			Heated Optics
Embedded Webpage			Yes		
Password Protected		Yes	Yes	Yes	
Sensor Life		Local Display and Transmit	Local Display and Transmit	Local Display	
Sensor Technology	Catalytic Bead Infrared	Catalytic Bead Infrared	Catalytic Bead Infrared	Infrared	Open Path Infrared up to 660'
Remote Sensor		4-20mA	Up to 4000'	Up to 15'	
Area Classification	Cl 1 Div. 1 ² Explosion Proof	Cl 1 Div. 1 ² Explosion Proof	Cl 1 Div. 1 ² Explosion Proof	Cl 1 Div. 1 ² Explosion Proof	Cl 1 Div. 1 Explosion Proof
Gases Detected					
Gas \ Gas Detector	SenSmart 1200 SenSmart 1300	SenSmart 3200 SenSmart 3300	SenSmart 6200 SenSmart 6300	SenSmart 7300	Quasar 900
Acetylene	•	•	•	• ⁴	
Butane	•	•	•		
Ethane	•	•	•	• ⁴	
Ethanol	•	•	•	• ⁴	
Ethylene Oxide	•	•	•	• ⁴	•
Hydrogen	• ³	• ³	• ³		
Hexane	•	•	•	• ⁴	
Methane	•	•	•	•	•
Pentane	•	•	•	• ⁴	
Propane	•	•	•	•	•
Propylene/Propene	•	•	•	• ⁴	

1 Isolated 4-20mA Output Option Available

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

3 Hydrogen only available for SenSmart 1200, 3200 and 6200 Catalytic Bead gas detector models

4 Only available in 10-30VDC powered model utilizing Millenium IR sensor