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.

<table>
<thead>
<tr>
<th>Combustible Detectors</th>
<th>SenSmart 1200</th>
<th>SenSmart 3200</th>
<th>SenSmart 6200</th>
<th>SenSmart 7300</th>
<th>Quasar 900</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Display</strong></td>
<td>None</td>
<td>Backlit LCD</td>
<td>Color Backlit LCD</td>
<td>LCD</td>
<td>None</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>10-30VDC 4-20mA Loop</td>
<td>10-30 VDC</td>
<td>10-30 VDC</td>
<td>10-30 VDC or 3.6V Battery</td>
<td>18-32VDC</td>
</tr>
<tr>
<td><strong>Modbus RTU (RS-485)</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Modbus TCP/IP</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Alarm Relays</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Standard Output</strong></td>
<td>3-wire Bridge or 4-20mA (Source)</td>
<td>4-20mA Source¹</td>
<td>4-20mA Source</td>
<td>Wireless</td>
<td>4-20mA Sink (Source Option)</td>
</tr>
<tr>
<td><strong>Local Alarm Indication</strong></td>
<td>LEDs</td>
<td>LCD Color</td>
<td>LEDs</td>
<td>LEDs</td>
<td>LEDs</td>
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<tr>
<td><strong>Real Time Clock</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Event Log</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>In WLR Controller</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Local Calibration</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Magnetic Keypad</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Arctic Sensor Available</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Heat Optics</td>
<td>Heat Optics</td>
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<tr>
<td><strong>Enclosure Heater Available</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Heat Optics</td>
<td>Heat Optics</td>
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<tr>
<td><strong>Embedded Webpage</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Password Protected</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Sensor Life</strong></td>
<td>Local Display and Transmit</td>
<td>Local Display and Transmit</td>
<td>Local Display</td>
<td>Local Display</td>
<td></td>
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<tr>
<td><strong>Sensor Technology</strong></td>
<td>Catalytic Bead Infrared</td>
<td>Catalytic Bead Infrared</td>
<td>Catalytic Bead Infrared</td>
<td>Infrared</td>
<td>Open Path Infrared up to 660'</td>
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<tr>
<td><strong>Remote Sensor</strong></td>
<td>4-20mA</td>
<td>Up to 4000'</td>
<td>Up to 15'</td>
<td>Up to 15'</td>
<td></td>
</tr>
<tr>
<td><strong>Area Classification</strong></td>
<td>Cl 1 Div. 1²</td>
<td>Explsion Proof</td>
<td>Cl 1 Div. 1²</td>
<td>Explsion Proof</td>
<td>Cl 1 Div. 1²</td>
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</tbody>
</table>

### Gases Detected

<table>
<thead>
<tr>
<th>Gas Detector</th>
<th>SenSmart 1200</th>
<th>SenSmart 3200</th>
<th>SenSmart 6200</th>
<th>SenSmart 7300</th>
<th>Quasar 900</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetylene</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•³</td>
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<tr>
<td>Butane</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
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<tr>
<td>Ethane</td>
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<td>•</td>
<td>•</td>
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<tr>
<td>Ethanol</td>
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<td>•</td>
<td>•</td>
<td>•³</td>
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<tr>
<td>Ethylene Oxide</td>
<td>•</td>
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<td>•</td>
<td>•</td>
<td>•³</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>•³</td>
<td>•³</td>
<td>•³</td>
<td>•³</td>
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<tr>
<td>Hexane</td>
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<tr>
<td>Methane</td>
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<tr>
<td>Pentane</td>
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<tr>
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<td>•³</td>
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<tr>
<td>Propylene/Propene</td>
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<td>•</td>
<td>•</td>
<td>•</td>
<td>•³</td>
</tr>
</tbody>
</table>

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