Wireless System

- WCMs are powered by a replaceable battery and are truly wireless. Life is typically 9 months and "Lobot" is transmitted.
- Our Gen 2 Smart Sensors keep gas type, range, calibration, T-Comp and other monitor parameters on the sensor module.
- Reads both large Eurobars, bar graphs and 1-hour trends.
- Clock/Calendar time and data stamps mosteward calibration
- 5 front panel LEDs indicate alarm and communication status.

Alarm Controllers

- Receives 32 WCMs; displays values and process alarms
- 8 SPOTs and alarm display with ability to "Zero" channels
- Alarm meter incorporates wireless interface to allow tag programming
- Eight 5 amp Form C relays are standard
- 5-Second time stamped event log records alarms, calls, etc.
- Options include Ethernet with web-based user, wireless loopback, data logging, 1200 baud access point and cellular

Engineered Products & Solutions

- Sensor 3000
- SenSmart 7000
- SenSmart 6000
- WLR WaveLink 32 Ch. Wireless Receiver
- WNR WaveRelayer Wireless Alarm
- WaveBridge Repeater
- WaveBridge Modem

Gas Detection

- MM-1044/Rev C
- The Art of Gas Detection
- The Art of Gas Detection
- Technical Service and Support
- Fire and Gas System Engineering
- Smart Alarm Controllers
- Flammable and Toxic Gas Detectors

- WaveBridge Repeater is equipped with 2 radios assigned to different networks. Signals received on one radio are rebroadcast on second.
- WaveBridge Modem is equipped with one radio and an RS-485 port. Bidirectional data is bridged between the RS-485 port and the radio's RF link.

- Serves as "Buffer" between WaveNet networks upon demand and at power-up.
- RS485 nodes are hardened over time and indicated in 8 bytes for each transmission.
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- CD-F-300 Visual Flame Detector
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- CD-F-300 Visual Flame Detector

- Single/Dual-Mode includes 6-200 or 6-2000 extension with RS-485 output per module.
- Gen 1 Smart Sensor is kept gas type, range, calibration, T-Comp and other parameters on the sensor module.
- Non-Reflexive One-Way module with a magnetic keypad.
- Options include Ethernet with web-based user, wireless loopback, data logging, 1200 baud access point and cellular

- Magnetic keypad allows "one mile" sensor calibration in hazardous areas without area destabilization.
- Remote time/minute calibration and alarm events
- WHTL certified for use in Class 1 & 2, Div 1 & 2 hazardous areas and insensitive relay when installed with 10-24VDC battery
- Easier to install & lower cost than other 3 & 4 wire products

- Calibration and other operating interface functions are performed non-invasively with a magnetic wand.
CD-F-301 Visual Flame Detector

- A live color video image is available from each detector
- False alarm immunity
- A multi-color fault capable of recording a video of detected fires pre and post alarm

ViewSmart 1600

- 16 inputs from one to four bridge sensors, wired or wireless
- Modbus or WaveCast wireless monitors
- 3 alarm levels: LED per channel with 4 standard configurations: common relay and optional discrete relays
- LCD display in English, bar graphs, and 24 hour trends
- Configuration mode for testing relay and alarm LED
- Dual RS-485 ports, with wireless option, for simultaneous Modbus Master / Slave operation
- Cut Motor offers push button zero span calibration for direct sensor interface applications

ViewSmart 200

- Accepts inputs from one to two local or remote sensors
- Large and bright 1” LED display
- Graphic LCD for configuration and displays with bar graphs, engineering units, and 30 minute trends
- Configurable alarm relays
- Optional Modbus serial RS-485

Engineered Systems

- R.C. Systems Inc. also specializes in systems engineered to customer specifications for unusual and infrequent applications. Many of our standard products began as an application specific design believing that market potential will be found within the insulated instrumentation market.
- We are happy to quote special packaging, special product combinations and even special new designs to help customers satisfy the demands of their unique applications.
- Feel free to contact one of our application engineers to discuss your project.

- Accepts inputs from up to four local or remote sensors and discrete inputs from flow sensor
- Configurable alarm relays
- Graphic LCD, numeric / bar graph / trend displays
- Modbus MasterSlave RS-485 wireless sensors serial ports
- CSA Class I, Division 2, Groups A, B, C, D

Relays Type

- Accepts inputs from up to four local or remote sensors and discrete inputs from flow sensor
- Configurable alarm relays
- Graphic LCD, numeric / bar graph / trend displays
- Modbus MasterSlave RS-485 wireless sensors serial ports
- CSA Class I, Division 2, Groups A, B, C, D

SampleDraw

- VS400 Site Controller accepts 4 inputs. Larger systems may allow VS1600 16 channel as site controller
- Options include solar power and wireless modbus to send data to on larger VS1600 & VS6400 controllers
- 3 alarm levels per channel with 8 amp SPDT relays
- Graphic LCD display monitors display as bar graph, trends and engineering unit
- Touch & magnetic keypad for non-intrusive operation in potentially hazardous areas
- Tripod mount offered for portable applications

SampleSmart XP

- Class 1, Division 2 rated for sampling from a Class 1 Division 1 area
- FM Listed for NFPA 820 Compliance
- Flow sensor with relay that fails safe
- Internal Power Switch and Flow Adjust
- 24 VDC Power Source for Gas Detectors

SampleSmart 2150/2150S

- Accepts inputs from one (ViewSmart 2150S) or two local or remote sensors/transmitters
- Large and bright 1” LED display
- Graphic LCD for configuration and displays with bar graphs, engineering units, and 30 minute trends
- Configurable alarm relays
- Optional Modbus serial RS-485

ViewSmart 6400

- Accurate line, 4-20mA modbus and wireless SensorSmart 7000 inputs
- Graphic LCD display bar graphs, English, and 30 minute trends
- Three adjustable alarm levels per channel, Alarm LED’s a item when new and become steady after acknowledgment
- Two standard and 5 optional EPDT relay pairs configurable for HORN, HORN, NORM or Fault alarm
- Modbus MasterSlave RS-485 / wireless port interfaces to PCs, PLC, LCS, and other RC Systems controllers
- Touch and magnetic keypad are standard for non-intrusive operation in potentially hazardous locations

ViewSmart 400

- Accepts bridge, 4-20mA modbus and wireless SmartSens 7000 inputs
- Graphic LCD display bar graphs, English, and 30 minute trends
- Three adjustable alarm levels per channel, Alarm LED’s a item when new and become steady after acknowledgment
- Two standard and 5 optional EPDT relay pairs configurable for HORN, HORN, NORM or Fault alarm
- Modbus MasterSlave RS-485 / wireless port interfaces to PCs, PLC, LCS, and other RC Systems controllers
- Touch and magnetic keypad are standard for non-intrusive operation in potentially hazardous locations

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