

The Art of Gas Detection

BESTOBELL
AQUATRONIX

SINCE / DEPUIS 1953



Flammable & Toxic Gas Detectors
Smart Alarm Controllers
Fire & Gas System Engineering
Technical Service & Support



WIRELESS SYSTEM

SenSmart 7000

wireless universal transmitter for EC, low power IR



The battery-powered SenSmart 7000 wireless gas detector, with ultra-low power design and easy to use features, provides the most advanced, economical and reliable true wireless toxic and combustible gas detection solution. Compatible with all R.C. System's toxic sensors and also supports the new low-power infrared sensor for hydrocarbon combustibles or carbon dioxide

Features:

- CSA certified for class 1, division 2 hazardous locations in aluminum enclosure (shown) or poly enclosure
- D-cell lithium battery powered for up to 9 months toxic/oxygen and 6 months LEL operation
- Available for both 900Mhz and 2.4Ghz
- Frequency-hopping spread spectrum (FHSS) technology
- Typical > 1 mile range with local dipole antenna (900Mhz)

WLR

32 channel wireless Wavelink receiver



A WLR receives up to 32 SenSmart 7000 wireless gas detectors. An option module adds data logging, second wired and wireless Modbus port, plus a Wi-Fi or Ethernet port with web-server. The Wi-Fi and Ethernet features allow remote HMI functionality via any web enabled device

Features:

- Displays readings and alarms from 1 to 32 SenSmart 7000s
- Includes 8 programmable 5-amp relays
- Graphic LCD displays
- Event Log (power-up, alarms, calibration and com errors etc)
- 10-30 VDC or 100-240 VAC standard power, solar power optional
- Offers both 900 MHz and 2.4 GHz FHSS models
- Touch and magnetic keypads are standard for non-intrusive operation
- Password protected with security levels

WIRELESS SYSTEM

WNR

Wireless WaveNet Relay



A WNR receives alarm status from up to 32 **SenSmart 7000** wireless transmitters, to activate 5 programmable relays . It can also repeat the wireless signal from wireless gas detector to wireless control panel

Features:

- Display alarm status
- 5 programmable 5A SPDT relays (one for horn)
- Backlit graphic LCD and LED displays
- Wireless packet re-transmit
- 10-30 VDC power supply

WaveBridge Repeater/Modem

Wireless network gateway/wireless data modem



WaveBridge R is a bridge to link two sub-wireless networks and commonly used to increase the distance and over come obstacles/obstructions in wireless applications. **WaveBridge M** is a RS485 to wireless bi-directional converter

Features:

- Supports both 900MHz and 2.4GHz FHSS client/server wireless networks
- 10-30VDC power input
- Wireless network parameters configured via non-intrusive magnetic operator interface
- Configurable as the wireless network's client or server
- Standard models suitable for division 2 hazardous areas

WIRELESS SYSTEM

SST

Wireless Site Survey Tool



The hand-held WaveNet Site Survey Tool (SST) is designed for simulating R.C. Systems WaveNet products including **SenSmart 7000** wireless gas detector, WaveLink receivers (WLRs) and WaveNet relayers (WNRs). SSTs are supplied with either a 900MHz or 2.4GHz integrated radio module

Features:

- Backlit graphic LCD readout
- Scans airwaves for wireless networks
- RSSI values are trended over time and indicated in dBm for each reception
- Rx Client mode allows network observation without affecting installed wireless devices
- Rx/Tx counters allow calculation of missed data packets over time
- Rx mode timer indicates elapsed time between received messages for each channel

400W/1600W/1600+W/6400W

4 /16/32 channel wireless controller



By adding certain wireless modules, **ViewSmart 400**, **ViewSmart 1600**, **ViewSmart 1600+** and **ViewSmart 6400** controllers can work as wireless receivers for **SenSmart 7000** transmitters, and for wired detectors simultaneously

Features:

- Keep all the features of the controllers
- Seamlessly combine the wireless network and wired solutions
- Class1 division 2 hazardous areas

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