

C2 Quad Wireless Gas Detection System for Toxic & Combustibles

- * Monitor from one to four points for toxic or combustible gases
- * C2 *Quad Protector* Controller with 900 MHz or 2.4 GHz radio
- * GASMAX ECx battery-powered gas monitors for toxics and LEL
- * GASMAX IIx gas monitors for VOCs and standard 4-20mA input
- * GDS-95 Alarm Stations provide remote visual or audible warnings
- * High visibility backlit LCD display shows values, trends in engr units
- * 1 watt output at 900MHz gives maximum range > 5 miles
- * Magnetic keypad for non-intrusive operation in hazardous areas
- * Optional 4x 4-20mA output for remote monitoring of gas levels
- * GDS-95 repeater mode retransmits packets for multiple alarm stations
- * Typical range greater than one mile with 2.4 GHz local antenna
- * User-adjustable transmit power, message retry and handshaking mode for high reliability
- * Programmable system ID and hop channel minimize interference
- * Manufactured in USA

Reliability, Flexibility, Performance
 Wireless gas detection systems designed around the C2 *Quad Protector* Controller deliver maximum performance, flexible alarm programming and centralized display and alarm level control.

Periodically, each GASMAX monitor transmits a packet of information containing levels, alarm status and battery voltage. If gas is found, the rate of transmission increases to once every 6 seconds, providing near-real-time response to changes in gas concentration.

The C2 *Quad Protector* can operate from 24VDC, 12VDC solar or 110/220VAC, and features a high resolution, backlit screen that displays gas concentration in engineering units, 30 minute trends, communications status, alarm status and

battery voltage. Up to three alarm levels can be programmed for each channel via a user-friendly, text-driven interface. An optional 4-20mA analog output board allows remote devices to monitor gas levels, and up to six programmable relays allow alarm voting or 'one relay per channel' output configurations.

Each GASMAX ECx monitor contains a 3.6v lithium battery that is good for six to 12 months, depending on gas concentration. A new ultra-low-power infrared sensor allows the GASMAX ECx to detect LEL levels while maintaining the same extended battery life.

Standalone GDS-95 Alarm Stations can be located anywhere within the transmission radius of the system, providing simultaneous audible or visual warnings in critical locations. In addition, each GDS-95 alarm station provides a repeater function that rebroadcasts data packets for increased range and system reliability.



*GASMAX ECx
 Wireless Battery
 Powered Gas
 Monitors*

*C2 Quad Protector
 Controller*



*GDS-95
 Remote Alarm &
 Repeater*



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 Gas and Flame Detection

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