



sierra monitor corporation

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For Immediate Release

Sierra Monitor Ammonia Smart Gas Sensor

April 26, 2011 – The new Sierra Monitor **Model 5100-25-IT Ammonia Gas Sensor Module** utilizes smart sensor technology to provide the user with more than just another ammonia gas sensor. This network-enabled gas detector includes:

- Extended calibration frequencies only requiring calibration every 6 months, cutting normal calibration requirements in half
- Non-intrusive, one-person calibration for easy calibration
- User-friendly, 8-character, fixed and scrolling LED display for ease of set-up with understandable menus
- Network-enabled with a choice or combination of outputs:
 - 4-20 mA
 - Serial RS-485 Modbus RTU interface
 - Optional 8-amp integral relays
- Remote sensor configuration option to meet unique applications requirements
- Cast aluminum or 316 Stainless Steel enclosures for hazardous area.

Ammonia is a colorless gas with a very pungent odor that can cause serious damage to lungs, eyes and skin. It is used in many industrial refrigeration systems, chemical production facilities, fertilizer production, agriculture, meat packing and food processing facilities.

For more information about the IT Series visit our website at: www.sierramonitor.com.

About Sierra Monitor Corporation

Sierra Monitor Corporation manufactures and integrates hazardous gas monitoring systems for industrial safety applications. With almost 30 years experience and over 15,000 installations of fixed gas monitoring systems Sierra Monitor is a technology leader in the industry. Sierra Monitor's accomplishments include the **first** digital bi-directional multi-drop communication bus between sensors and controller, the **first** serial Modbus communication output for plant-wide systems, the **first** interface to third party legacy sensors and devices and the **first** cost-effective web-based graphical system for monitoring plant-wide hazardous gas conditions.

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