Advanced Solutions for Health Care Facilities

System Sensor
advanced ideas. advanced solutions.
Sprinkler Systems Monitoring

**Sprinkler monitoring proven to work without fail**

During a fire condition, sprinkler system reliability is critical. System Sensor water flow detectors, pressure switches, and control valve monitoring devices supervise sprinkler systems and assure system reliability and effectiveness by monitoring valve positions, system pressure, and water flow. These engineered products help keep patients, staff, and property safe.

Carbon Monoxide Detection

**Protect patients, staff, and visitors from this silent killer**

Carbon monoxide (CO) is the number one cause of poisoning deaths in the U.S. Nearly all health care facilities have CO-producing fuel-burning appliances, such as boilers or heating systems. You can’t see, smell, or taste CO, so the only way to know if dangerous CO levels are building up is through CO detection.

Our system-connected, monitored CO detector offers RealTest™, the first and only field functional test. It provides the highest level of protection available and enables you to meet state and local CO detection requirements.

Intelligent Smoke Detection

**Pinpoint alarm locations and reduce nuisance alarms**

System Sensor intelligent smoke detectors are ideal for applications where the ability to pinpoint detector locations in alarm, trouble, or maintenance situations is necessary. Their low-profile design fits in with almost any environment and their highly accurate sensing technology reduces false alarms. Acclimate detectors automatically adjust to ambient conditions – perfect to reduce nuisance alarms in applications where usage or conditions change. Duct smoke detectors extend the level of protection to the HVAC system, providing building and property protection by limiting the spread of smoke.

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Outdoor Areas

**Solutions for extreme environments**

System Sensor provides a range of solutions for extreme environments. For example, SpectrAlert Advance weatherproof plates enable flush mounting of outdoor AV devices. The NEMA 4-rated DNRW duct smoke detector is built for extreme environments. It uses a watertight UV-resistant enclosure to protect against harsher elements like rain and windblown dust. The 4-20mA module enables the integration of 4-20mA outputs into a fire alarm control panel.
Sensitive Environments
Discreet, remote smoke sampling for areas with high-value and sensitive equipment

Some areas of the hospital, like MRI rooms, have high-value equipment that can be sensitive to the metal and electronic components in fire detection devices. The FAAST™ Fire Alarm Aspiration Sensing Technology can be mounted in a separate location, while sampling points can be run to the sensitive area through plastic piping. This provides highly accurate, very early warning of incipient fires to prevent damage to expensive equipment, reduce unnecessary evacuations, and protect lives without disrupting expensive and sensitive procedures.

Emergency Communications
Provide clear, intelligible messages in an emergency

NFPA 72: 2010 now requires emergency communications systems (ECSs) to meet defined intelligibility requirements. SpectrAlert Advance speakers and speaker strobes, in combination with System Sensor tools and training, help you design and install systems that meet these requirements.

Challenging Applications
Virtually eliminate nuisance alarms in the most challenging environments

Patient areas are mission critical locations with zero tolerance for false alarms that can interrupt life-saving procedures or require the evacuation of critically ill patients. Even so, some of these areas have nuisance conditions present that can trigger false alarms in traditional detection technologies. The Advanced Multi-Criteria Fire Detector meets the needs of these challenging applications by combining the highest levels of fire sensitivity and nuisance immunity available.

Private Mode Notification
Discreetly alert appropriate staff

System Sensor SpectrAlert Advance chimes and chime strobes are ideal when private mode notification is required in the health care setting. These chimes provide the unique ability to synchronize the chime tones, a requirement in many health care applications. Like all SpectrAlert Advance notification appliances, chimes and chime strobes provide plug-in designs to speed up and simplify installation and reduce labor costs. Field-selectable settings, a range of accessories, a consistent family look, and a variety of mounting configurations make these products adaptable to a range of applications.

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System Sensor is the largest and most trusted manufacturer of fire and life safety equipment in the world. With fire detection and suppression, carbon monoxide detection, and a full line of indoor and outdoor notification and egress devices, our extensive portfolio of innovative solutions can meet the widest range of health care application requirements in the industry.
The Power Behind
The Products

System Sensor was founded in 1984 and today is the largest manufacturer of fire detection and notification appliances in the world.

More than 1,900 System Sensor associates collaborate worldwide to build quality products for conventional detection, intelligent detection, audible/visible notification, HVAC monitoring, and sprinkler systems monitoring. Demand for our products is driven by our high production standards and strong communication with our customers. Every day we develop advanced ideas that deliver advanced solutions.

For more information, please call 800-SENSOR2 for a free E-DOCS CD-ROM, a comprehensive resource of technical information, or visit our Web site at systemsensor.com.