



Demand the Best.

# A complete line

Today's most important trend in fire detection is the emergence of "smart" systems – detector networks whose components are able to engage in two-way dialogue, analyze complex environments, adjust their own sensitivity levels

and make "educated" decisions based on stored information. At the forefront of the components used in intelligent fire systems are the intelligent fire detection products designed and manufactured by System Sensor. From multicriteria detection to specialty

detectors designed for extreme environments, System Sensor products are developed to provide our customers with the highest level of reliability. In other words, we make it our business to develop advanced ideas that deliver advanced solutions.



## Thermal Detectors

The thermal detectors use an innovative thermistor sensing circuit to produce 135°F fixed and rate-of-rise detection. The high temperature thermal detector

provides fixed temperature detection at 190°F. These thermal detectors provide cost effective, intelligent property protection in a variety of applications.



## Ionization Smoke Detector

The ionization detector incorporates a unique single source, dual chamber design to respond quickly and dependably to a broad range of fires.

# The Best Detectors.

# of detectors for a

## Acclimate™

Acclimate is a true Multicriteria detector, combining signals from a photoelectric smoke detector and supplementary 135° thermal detector. Acclimate makes full use of its synergies between sensing elements by responding quickly to slow smoldering fires as well as hot, fast flaming fires. The detector is also capable of rejecting short term nuisance conditions that other detectors interpret as an alarm. Acclimate's key feature is its ability to automatically adjust its smoke sensitivity according to the needs of its environment. This feature removes the need for an installer to manually set sensitivity for each detector.

## Photoelectric Smoke Detector

The photoelectric detector's unique optical sensing chamber provides fast, accurate response to smoke produced by a wide variety

of combustion sources. It also features immunity to dust and dirt build-up in order to extend maintenance intervals.

# any application.



Filtrex™

Our Special Application Detectors are uniquely suited for protecting areas where traditional detection is not practical. For example, our Pinnacle™ smoke detector, a laser based, microprocessor controlled detector, provides the earliest warning in critical facilities such as computer rooms and telecommunications centers. Pinnacle achieves a level of sensitivity and stability not possible with traditional smoke sensors.

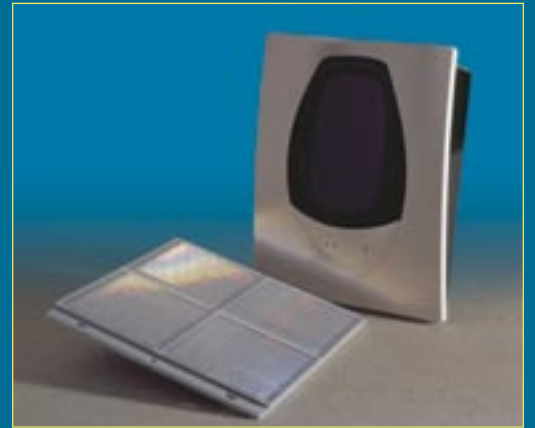


Pinnacle™



Innovair™

The Filtrex™ smoke detector provides early warning detection in dirty, dusty environments where traditional smoke detectors would be subject to frequent nuisance alarms. Reliable smoke detection is critical in low airflow HVAC applications. Innovair™ Low-Flow duct smoke detectors are capable of sensing smoke in air velocities from 100 to 4,000 feet per minute, providing reliable smoke detection throughout a broad range of airflow environments.



Projected Beam Detector



Flangeless Base

With six sensitivity settings to choose from, the intelligent projected beam smoke detector is uniquely suited for open areas with high ceilings where standard detectors are difficult to install and maintain. Alignment is quickly accomplished via a signal strength meter, and an integral sensitivity test feature allows quick and easy testing and maintenance per the requirements of NFPA 72.



Base with Horn

Black Detector Kit



A first-rate fire system isn't complete without the best components. Our Mounting Bases are suited to any application. Detectors can be mounted in flanged or flangeless bases, and relay, isolator and sounder bases can be used to meet local code requirements. A variety of mounting kits give you a clean, attractive aesthetic. Our extensive line of Intelligent Modules meet a wide range of applications. The Monitor Module interfaces with such devices as security contacts, waterflow switches and pull stations. The Mini Monitor Module fits inside devices or junction boxes. The Dual Monitor Module monitors

two separate Class B circuits simultaneously, making it ideal for waterflow tamper switch and flow switch monitoring. The Isolator Module isolates a short circuit on a loop and keeps the remaining devices operational, and the Zone Interface Module allows intelligent panels to monitor two-wire conventional smoke detectors.

Our Multiple Input and Output Modules meet a range of applications in which numerous single modules are used, allowing for installation ease and time savings. Each module has its own address, and unused addresses may be disabled. Wiring terminals are easily accessible for troubleshooting.

The intelligent Pull Station meets the ADAAG controls and operating mechanisms guidelines and the ADA requirement for a five pound maximum pull force to activate. The address is set using a rotary code switch on the back of the unit.

A wide array of Accessories is available for use with the intelligent devices.

The Black Detector Kit is ideal for areas with dark ceilings, such as museums or nightclubs; the Remote Test Station can be used to test a duct smoke detector or a beam smoke detector, and the Detector Removal Tools allow you to easily remove a detector head from the base without a ladder.

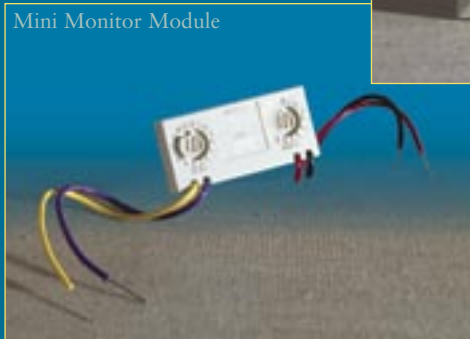
Ten Input Monitor Module



Zone Interface Module



Mini Monitor Module



Pull Station



# The Best Components.

At System Sensor, innovation is more than an ideal – innovation is our way of life. Every day we work to design new products that utilize the most innovative technologies in the most inventive ways, products that are more convenient to install and more efficient to operate, products that provide our customers with the highest level reliability. In other words, we make it our business to develop advanced ideas that deliver advanced solutions.

System Sensor is a global manufacturer of fire detection and notification devices, specializing in smoke detection and notification technology. System Sensor places a premium on research and development, resulting in products that are reliable, sophisticated and designed for real-world applications. With sales, service and manufacturing facilities throughout the Americas, Europe and Asia, System Sensor's high quality, innovative products are the most comprehensive in the industry.



advanced ideas. advanced solutions.™

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