Think FAAST™

Fire Alarm Aspiration Sensing Technology



Dual Vision. Single Purpose.

SYSTEM SENSOR®

advanced ideas. advanced solutions.℠

FAAST Defined

FAAST Fire Alarm Aspiration Sensing Technology is a smoke detector that draws air into its sensor through a pipe network. This approach enables FAAST to deliver highly accurate and discreet Very Early Warning Fire Detection that meets the needs of a variety of environments.

FAAST Applications

Mission Critical

For these environments, there is no downtime. Every second lost, every transaction missed, any data or equipment destroyed can mean huge financial losses. FAAST alerts facility managers to the faintest traces of smoke – the first indication of system trouble – helping them keep their mission critical facilities up and running 24/7 and preventing unnecessary activation of suppression systems.



First Impressions

When aesthetics matter, such as in museums, churches, or mansions, FAAST provides a discreet smoke detection solution that is nearly invisible to the public. At the same time, it provides the earliest and most accurate smoke detection available to protect high-value items from fire.



Access Denied

Some fire systems must protect areas, such as prisons and public spaces, where there is a concern for tampering. The FAAST device can be mounted in a secure area while air sampling points are located in the protected environment — greatly minimizing the potential for tampering.



The Great Indoors

In large public areas like shopping malls, airports, or stadiums, evacuations can be difficult. FAAST provides highly accurate fire detection for these areas to avoid nuisance alarms, and various levels of alert to mount an appropriate, informed response to any situation.

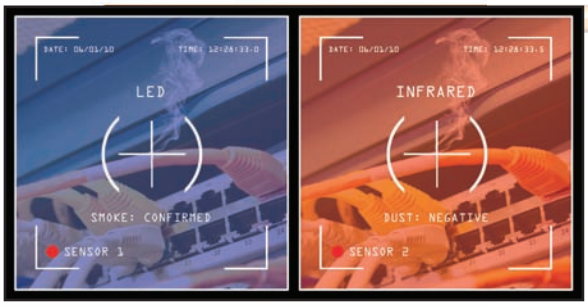


The Extremes

Some areas, like cold storage facilities or spaces with high-airflow, have environmental conditions outside the tolerance of typical fire detection technologies. Because the FAAST device can be mounted at a temperate, easy-to-access location while sampling points can be located in the extreme environment, it enables reliable fire detection for spaces with challenging conditions.



FAAST Value



Dual Vision. Single Purpose.

FAAST's dual vision sensing technology uses a blue LED to detect a wide variety of fires with extremely low concentrations of smoke and an infrared laser to identify nuisances like dust that can cause false alarms and downtime. Advanced algorithms interpret signals from both sources to meet a single purpose — protect your facility, people, and assets with the earliest and most accurate smoke detection available.



All In One

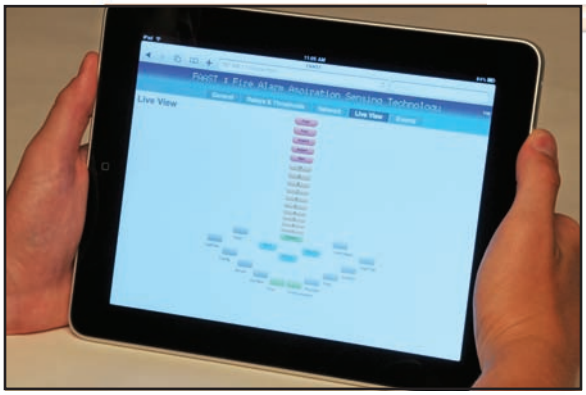
FAAST's all-in-one system configuration and monitoring software, PipeIQ™, guides you through initial pipe layout and system configuration. And once the system is installed, it enables ongoing configuration and system monitoring from anywhere in the world via the Internet using FAAST's onboard Ethernet connection. The PipeIQ software ships with FAAST and can also be downloaded at systemsensor.com/faast.



Details, Details

FAAST provides you with the information you need to manage your environment. It includes 5 alarm levels, 10 pre-alarm particulate levels, and a 10-level airflow pendulum that verifies air is flowing effectively through the pipe network. It also includes a full range of fault indications. All of this information can be read quickly and easily on the device's intuitive integral display* or through a variety of remote devices.

**Multiple language cards available. See Ordering Information.*



Anytime, Anywhere

If there's a situation at your facility, you need to know about it instantly. FAAST's unique onboard Ethernet interface enables you to monitor the detector from any Internet browser, smart phone, or mobile device with VPN capability. You can also configure the detector to e-mail status updates to appropriate personnel. That means you'll know what you need to know to protect your facility — no matter where you are.

FAAST Ordering Information

Part No.	Description
8100	System Sensor Conventional FAAST Fire Alarm Aspiration Sensing Technology
Accessories	
CMKT00100	FAAST Binder - Includes Comprehensive Instruction Manual
F-A3384-000	Replacement Air Filter Assembly
Various†	Language Card
Various†	UL-Approved Pipe and Fittings

†Additional accessory information, including part numbers, can be accessed at systemsensor.com/faast.

Special Application Detectors







The Advanced Multi-Criteria Fire Detector combines four detection elements for the most accurate, nuisance-immune fire detection available. It is the best solution for challenging applications with persistent nuisance conditions or zero tolerance for nuisance alarms.

The Pinnacle laser-based intelligent high sensitivity smoke detector provides sensitivity and stability not possible with traditional sensors. At up to 100 times the sensitivity of traditional sensors, this detector provides very early warning of incipient fires. It is ideal to protect critical, high-value equipment in facilities such as computer rooms and telecommunications centers.

The DNRHS high sensitivity duct smoke detector provides very early warning of fires to protect high-value assets and mission critical operations from fire and the spread of damaging smoke through air management systems. The detector's intelligent laser sensor can detect miniscule amounts of smoke at air velocities from 300 to 4,000 feet per minute — ideal for environments with high-velocity, high-volume air changes. And its unique pivoting housing fits both square and rectangular footprints, so you can be sure the detector will fit your installation.

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. We attribute the demand for our products to our high production standards and strong communication with our customers. Every day we develop advanced ideas that deliver advanced solutions to our customers.

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

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