

**FAAST™**  
**Fire Alarm Aspiration Sensing Technology**

**Honeywell**



**Protect high-value assets, data, people and productivity through highly accurate, Very Early Warning Fire Detection**

# FAAST Fire Alarm Aspiration Sensing Technology™



## FEATURES

### Precise Detection

- Dual source (blue LED and infra-red laser) optical smoke detection with advanced algorithms detect a wide range of fires while maintaining enhanced immunity to nuisance particulates
- Detection as precise as 0.00046 %/ft obscuration
- Five alarm levels and two sensitivity modes provide application flexibility
- Dual flow detection including both ultrasonic and electronic sensing for pipe and chamber air flow measurement
- One device protects up to 8,000 sq. ft.
- Advanced detection algorithms reject common nuisance conditions

### Advanced Communications

- PipeIQ™ software provides intuitive control over system layout, configuration, and monitoring
- Five alarm levels can be programmed for latching or non-latching relays
- Onboard Ethernet interface enables remote monitoring and e-mail status updates to computer or mobile devices
- Fault indicators exhibit a broad spectrum of events
- Unique air flow pendulum graph verifies pipe network functionality
- Particulate graph displays subtle environmental changes for early problem indications

## Protect a facility and its high-value assets such as tools, equipment, product and data by catching a fire before there's smoke!

FAAST provides facility managers and equipment owners with various levels of alert at the earliest stages of a fire, as early as 60 minutes before combustion. Your assets are protected from the damaging effects of the faintest traces of smoke, while precious time is made available for appropriate action by safety personnel. With this very early fire and smoke detection, you protect people and assets, maintain business continuity and ensure productivity.

FAAST also helps facilities run smarter and smoother. The FAAST sensing technology is extremely sensitive, so it works precisely the way it was designed to, which ensures uptime. In Acclimate™ mode, the detector automatically adjusts itself to current environmental conditions, so you avoid nuisance alarms that can lead to costly downtime and unwarranted activation of suppression systems, which can damage sensitive machinery.

## Low Cost of Ownership, Backed by Expert Support

Honeywell Analytics' skilled System Integration team can help get your FAAST system online quickly and perform optimally. We'll provide as much help as you require, with design and installation, or integration with an existing Life Safety system, or consultative guidance to your own installation team. Plus our technical service team is available 24/7 throughout the U.S., so a technical expert is always close by to help you. In sum, our technical resources and integration expertise frees you up to be more productive while respecting your company's bottom line.



Easy-to-understand graph shows combustion in progress.



# How FAAST Technology Works



## 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](http://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.

## 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.

## mission critical



The FAAST device can be mounted in a safe, easy to-access location while sampling points can be located in the extreme environment. This flexibility makes it easy to provide reliable fire detection in hard to reach areas such as elevated air chases, catwalks and crowded machinery.

# Honeywell Analytics Lines of Business



## Commercial

Gas detection from standalone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance

- » Applications: parking structures, chillers, mechanical rooms, office towers, commercial buildings, shopping centers, swimming pools, golf courses, schools and universities, laboratories

## Industrial

Renowned Sieger and Manning gas detection systems with advanced electrochemical, infrared and open path sensing technologies

- » Applications: oil and gas, cold storage, water/wastewater treatment, chemicals, engine rooms, plastics and fibers, agriculture, printing and light industrial

## Portables

Single or multi-gas Lumidor and other premium detectors with compact, lightweight designs ranging from simple alarm only units to advanced, fully configurable and serviceable instruments

- » Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets



### Find out more

[www.honeywellanalytics.com](http://www.honeywellanalytics.com)

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## High Tech/Government

A complete portfolio of gas and chemical detection instrumentation including infrared spectroscopy (MST) with no cross interference, to Chemcassette paper-based solutions (MDA Scientific) offering detection down to parts per billion

- » Applications: semiconductor manufacturing and nanotechnology, aerospace propulsion and safety, specialty chemicals industry, research laboratories, emergency response

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## Technical Services

24/7 global network includes post-sales service and Systems Integration teams

- » Emergency call out, service contracts, on/off-site repair, training and commissioning
- » Complete range of spares, consumables and accessories

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