

# Mission Critical Aspiration Detection



**“FAAST™ Fire Alarm Aspiration Sensing Technology is a new Very Early Warning Fire Detection solution with ground breaking immunity to false alarms – ideal for mission critical facilities and harsh applications.”**

**False alarm immunity with very early warning**, achieving sensitivity of 0.0015% obs/m

**Dual source sensing technology** (blue LED & red IR laser) to identify and eliminate nuisance particulates from the detection equation

**Unique three-stage filtration** includes an aerospace-designed and patented wing filter to prevent particles larger than 20 microns from entering the detection chamber, a replaceable filter to remove particles which have escaped and multi-angle and multi-wavelength optics to filter nuisance particles

**Internet / IP connectivity** enables remote monitoring and management of the full system from anywhere in the world through internet browser, smart phone or mobile device. The detector can also e-mail status notifications to multiple addresses

**All in one Pipe IQ software**, provides an integrated solution for pipe network layout, system configuration, and monitoring

## Ultra Sensitive Very Early Warning Detection

FAAST achieves impressive performance, ultra-high sensitivity and immunity to false alarm risks through innovative technologies and design features

- Advanced warning allows more time to manage data and transfer valuable assets
- Cost savings achieved through no business disruption
- Highest sensitivity and reliability, with no false alarms
- Optimal detection and remote monitoring, 24 hours a day, 7 days a week
- Specifiable technology and easy integration
- Reduced cost of ownership due to faster installation and maintenance
- With PipeIQ, files can be imported from a range of CAD packages, minimising design time

Typical FAAST installations include mission critical telecoms facilities, computer rooms, data centres and financial institutions, along with other applications where false alarm immunity is required.



[www.faastr-detection.com](http://www.faastr-detection.com)

## Flexible Detection for Challenging Environments



**“FAAST LT extends detection coverage into areas where standard detection methods are prone to failure or false alarm, or where maintenance is difficult.”**

**Field-proven laser smoke detection** providing sensitivity up to 0.07% obs/m

**Loop devices** provide full management and control from the panel. Stand-alone devices provide specific area coverage in unmanned remote buildings

**Ultrasonic airflow monitoring** to reliably detect blocked sampling pipes in changing environmental conditions

**Fast and easy configuration and maintenance** in areas where maintenance is costly or challenging

**All in one Pipe IQ LT software**, provides an integrated solution for pipe network layout, system configuration, and monitoring

## Proven Technologies and Advanced Design Features

FAAST LT offers the benefits of proven technology, technical design features and loop communications to provide outstanding performance to users, system integrators and installers

- Loop-powered devices reduce complexity and improve control via the fire panel
- IP65 rating provides environmental protection in harsh environments
- Additional false alarm immunity can be achieved via a redundant detector and dust filter
- Class A very early warning protection for small computer rooms
- User-friendly, multilingual interface provides “at a glance” status for all key parameters
- Easy access to serviceable components
- Day, night and holiday mode settings provide protection tailored to the building’s usage
- With PipeIQ LT, files can be imported from a range of CAD packages, minimising design time

Typical FAAST LT installations include large public spaces, warehouses, areas with restricted access such as prisons and correctional facilities, and heritage sites where aesthetics are important.



[www.faast-detection.com](http://www.faast-detection.com)

