



## Aspirating Smoke Detection

### Right Detection for Challenging Environments



Aspirating smoke detection is used in applications protecting personnel, irreplaceable assets and mission critical infrastructure. With supervised detection and centralized testing and maintenance, aspirating smoke detection provides critical advantages where smoke is difficult to detect, security and business continuity is paramount and environments are challenging.

NOTIFIER offers the broadest range of highly sensitive VESDA and VESDA-E aspirating smoke detection solutions. These solutions provide the benefits of highly sensitive very early warning smoke detection with intelligent fire panel integration options with NOTIFIER. The point addressability option provides a fully supervised solution for mainstream applications.

#### Features and Benefits

- > Very early smoke detection to mitigate risk of catastrophic loss and business disruption
- > Absolute calibration for superior smoke detector performance without compromise
- > Reliable, continuous and highly sensitive operation where traditional smoke detection fails
- > Full integrity monitoring of all critical smoke detector functions to ensure the detector is able to detect smoke, unlike conventional smoke detectors
- > Reliability in harsh and dirty environments
- > Notification of exact location of fire incident with point addressability option
- > Seamless integration with NOTIFIER fire alarm control panels

# EARLY WARNING



## Open Area Smoke Imaging Detection (OSID)



Fire detection for buildings with open spaces presents unique challenges, and very early warning may not always be the priority. When only standard sensitivity detection is required, OSID offers a reliable, cost-effective smoke detection solution for open spaces. OSID delivers superior performance, overcoming the shortcomings inherent to other detection systems such as traditional beam, heat and flame detectors.

OSID systems may be configured to protect a range of spaces. The protection zone or “fire web” is determined by the placement of OSID detectors. Multi-emitter solutions provide a true 3D arrangement.

### Features and Benefits

- › Addressable
- › Patented dual wavelength, UV & IR, particle detection
- › CMOS imager with wide viewing angles and 3D coverage
- › Simple installation, commissioning and maintenance
- › High tolerance to vibration, structural movement and high airflow
- › High resistance to dust, fogging, steam, reflections and object intrusion
- › High resistance to reflected sunlight
- › On-board log memory for fault and alarm diagnostics
- › Software tool for diagnostic purposes
- › Aesthetically discreet

### NOTIFIER

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This document is not intended to be used for installation purposes.  
We try to keep our product information up-to-date and accurate.  
We cannot cover all specific applications or anticipate all requirements.  
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