



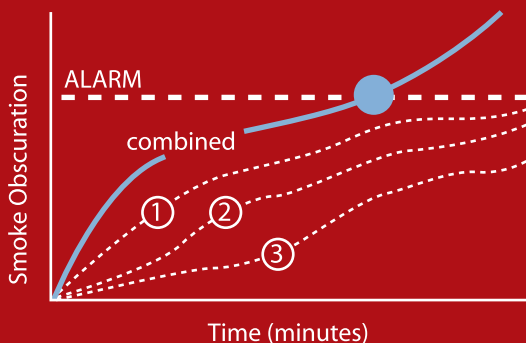
ONYX®  
INTELLIGENT SENSING

 **NOTIFIER**®  
by Honeywell

# SPEED.



ONYX Intelligent Sensing Technology rapidly responds to incipient fire signatures, providing early warning capabilities unmatched in the fire protection industry. The power of ONYX Intelligent Sensing software is built into every NOTIFIER ONYX Series fire alarm control panel.



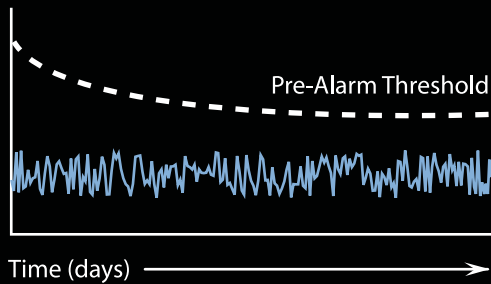
## AVAILABLE ONLY FROM NOTIFIER,

Cooperative Sensing Technology delivers a quicker response to uniform smoke spread, a strong indication of a real fire situation, by evaluating sensor readings from up to three adjacent smoke sensors.

With extremely low sensitivity levels to act as pre-alarm or maintenance alerts, Supervisory Smoke ID quickly senses trace amounts of smoke from overheating equipment and alerts building maintenance crews to repair or replace the equipment before an emergency exists or significant property damage occurs.

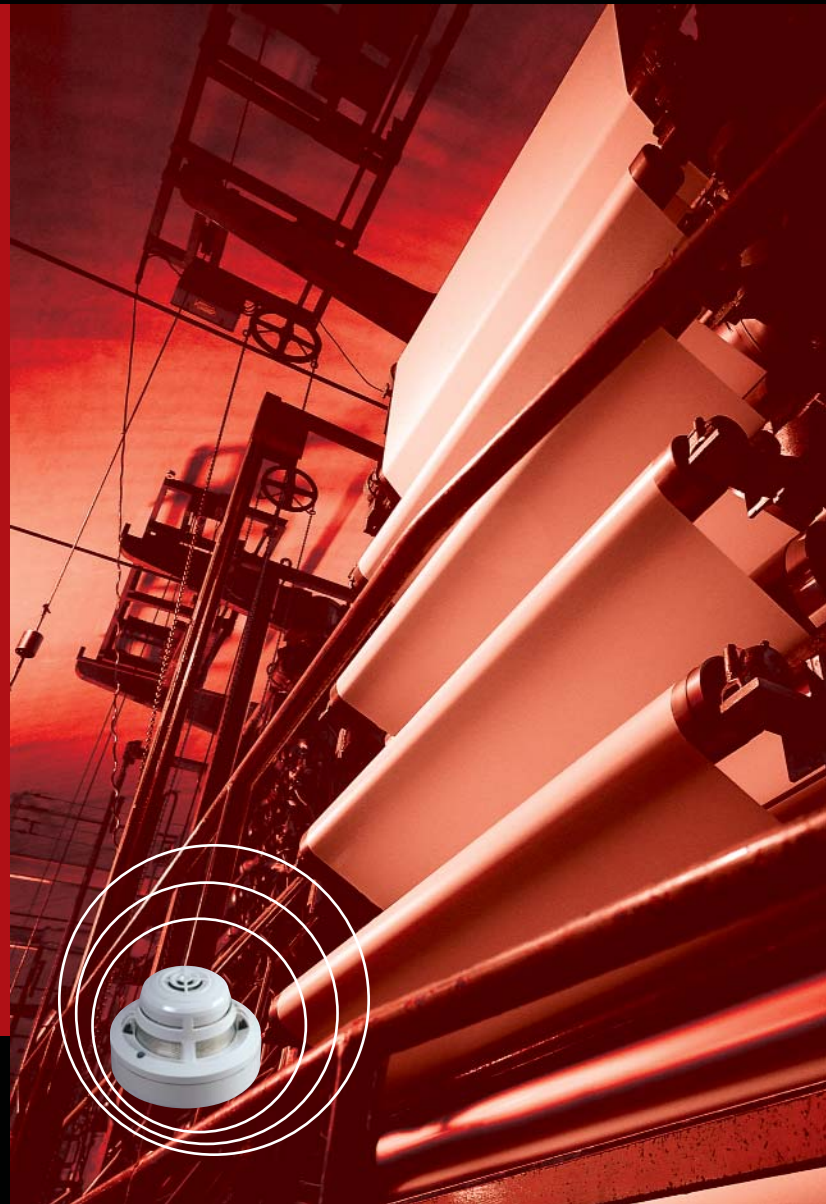
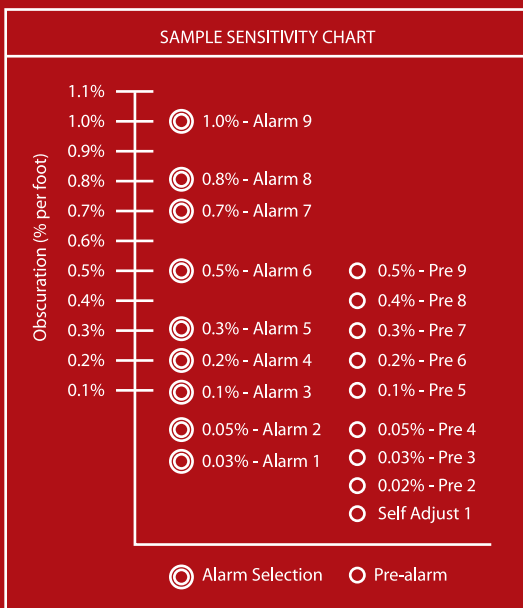
# STABILITY.

Self-optimization features of ONYX Intelligent Sensing maximize stability and reduce the likelihood of nuisance alarms regardless of environment.



Smoke sensors use Self-Optimizing Pre-Alarm Technology to learn their normal environment by measuring peak analog readings over a period of time. Pre-Alarm levels are set just above normal peak readings for extremely sensitive pre-alarm capability while protecting against nuisance alarms.

Exclusively from NOTIFIER, Detector Sensitivity Adjust has nine levels of pre-alarm and nine levels of alarm sensitivity settings so the sensor can be optimized to the most challenging environments. Sensitivity levels are programmable and can alternate automatically between day and night.





# RELIABILITY.



**DIRTY**  
MAINTENANCE URGENT

MAINTENANCE ALERT




**ACCEPTABLE**

**LOW READING**

Powerful ONYX Intelligent Sensing software algorithms keep smoke sensors operating at their peak performance.

Drift Compensation software automatically adjusts sensitivity levels when sensors become dirty to avoid compromising the sensor's performance. If a sensor chamber becomes dirty or reaches an unacceptable level, the control panel indicates one of three warnings; Low Chamber Reading, Maintenance Alert, and Maintenance Urgent.

# SMOKE DETECTION FOR THE MOST CHALLENGING ENVIRONMENTS.

NOTIFIER Sensors	Technology	Benefits	Applications
<p><b>VIEW®</b> Very Intelligent Early Warning Laser Smoke Sensor</p> 	<ul style="list-style-type: none"> <li>• Sensitivity 10 to 50 times higher than present photoelectric technology.</li> <li>• Adjustable sensitivity of pre-alarm and alarm levels from 1.0%/ft. to .03%/ft. obscuration provides appropriate response in the most critical applications.</li> <li>• VIEW laser system has an advanced laser light source and patented optical design.</li> <li>• Available only with NOTIFIER's intelligent technology.</li> </ul>	<ul style="list-style-type: none"> <li>• VIEW is ideal for critical applications where even a trace of undetected smoke is unacceptable or where high air flows can make traditional smoke detectors inadequate.</li> <li>• VIEW supplies very early warning, individual point annunciation, total supervision and simplified maintenance.</li> <li>• Earliest possible warning of smoke without the supervision and maintenance drawbacks of air sampling systems.</li> </ul>	<ul style="list-style-type: none"> <li>• Network server rooms</li> <li>• Telephone facilities</li> <li>• Cleanrooms</li> <li>• Mission critical areas</li> <li>• Museums and archives</li> <li>• Records storage</li> <li>• Equipment rooms</li> <li>• Archives</li> </ul>
<p><b>Acclimate Plus™</b> Multicriteria Detection</p> 	<ul style="list-style-type: none"> <li>• Acclimate Plus constantly monitors ambient conditions, adjusting detection parameters and alarm thresholds automatically.</li> <li>• Combines thermal and photoelectric technologies to maximize detection across a broad range of fire types.</li> </ul>	<ul style="list-style-type: none"> <li>• Provides maximum detection and reduces nuisance alarms.</li> <li>• Over time, facilities are often used for many different purposes, forcing choices in fire detection that can mean reduced sensitivity or increased nuisance alarms.</li> </ul>	<ul style="list-style-type: none"> <li>• Office areas</li> <li>• Schools</li> <li>• Healthcare facilities, hospitals</li> <li>• Hospitality – hotels/motels</li> </ul>
<p><b>IntelliQuad</b></p> 	<ul style="list-style-type: none"> <li>• 4 unique sensors <ul style="list-style-type: none"> <li>- Photoelectric</li> <li>- Thermal</li> <li>- Infrared (I/R)</li> <li>- Carbon Monoxide (CO)</li> </ul> </li> <li>• Detects 4 common fire elements <ul style="list-style-type: none"> <li>- Carbon Monoxide (CO)</li> <li>- Heat</li> <li>- Smoke particulates</li> <li>- Flame signatures</li> </ul> </li> <li>• Senses all fire elements simultaneously</li> </ul>	<ul style="list-style-type: none"> <li>• Rejects nuisance alarms more effectively by verifying multiple fire signatures before alarming</li> <li>• Six levels of sensitivity for optimization in different types of occupancies</li> <li>• Built-in drift compensation for stability over time</li> <li>• Early detection of fire in harsh or dirty environments</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment rooms</li> <li>• Computer facilities</li> <li>• Kitchens</li> <li>• Food processing plants</li> <li>• Bars/Nightclubs</li> <li>• Boiler rooms</li> <li>• Dormitories</li> <li>• Hotel Rooms</li> <li>• Rugged environments <ul style="list-style-type: none"> <li>-5°F to +131°F</li> <li>15% to 90% RH</li> </ul> </li> </ul>

## NOTIFIER WORLD HEADQUARTERS

12 Clintonville Road  
Northford, CT 06472  
United States of America  
Tel: 203-484-7161  
Fax: 203-484-7118  
www.notifier.com

### THE AMERICAS

NOTIFIER Canada  
Tel: 905-856-8733  
Fax: 905-856-9687

Additional Locations in Canada:  
Montreal, Québec  
Vancouver, British Columbia

NOTIFIER México  
Tel: 52-55-5606-9785  
Fax: 52-55-5606-9785

NOTIFIER Central America  
Caribbean, Venezuela,  
Colombia & Ecuador  
Tel: 52 2299 7280 51  
Fax: 52 2299 7280 51

NOTIFIER South America - Mercosur  
Tel: 55-11-4166-1933  
Fax: 55-11-4166-1893

### ASIA

NOTIFIER China  
Shanghai  
Tel: 86-21-50272119  
Fax: 86-21-50273119

Additional Locations in China:  
Beijing  
Chengdu  
Chongqing  
Guangzhou  
Nanjing  
Qingdao  
Shengyang  
Shenzhen  
Tianjin  
Wuhan  
Xi'an

NOTIFIER Hong Kong  
Tel: 852-2730-9090  
Fax: 852-2736-6590

NOTIFIER India  
Tel: 91 222 771 3694  
Fax: 91 222 771 3694

NOTIFIER Korea  
Tel: 82-2-2025-0308  
Fax: 82-2-2025-0329

NOTIFIER Singapore  
Tel: 65-6271-5503  
Fax: 65-6271-9961

NOTIFIER Taiwan  
Tel: 886-2-2245-7248  
Fax: 886-2-2245-0927

NOTIFIER Vietnam  
Tel: 84-8910 60 14  
Fax: 84-8910 60 15

### AUSTRALIA

NOTIFIER /Inertia Fire Systems  
Australia & New Zealand  
Tel: 61-2-9899-4155  
Fax: 61-2-9899-4156

Additional Locations:  
Brisbane, Queensland  
Melbourne, Victoria  
Perth, Western Australia  
Auckland, New Zealand

### MIDDLE EAST & AFRICA

Dubai, UAE  
Tel: 971 4807 3200  
Fax: 971 4881 6202

### EUROPE

NOTIFIER United Kingdom  
Tel: 44-14-44-230-300  
Fax: 44-14-44-230-888

NOTIFIER Benelux  
Tel: 32-42-470-300  
Fax: 32-42-470-220

NOTIFIER Germany  
Tel: 49 2102 700 690  
Fax: 49 2102 700 69 44

NOTIFIER Italy  
Tel: 390-2-518-971  
Fax: 390-2-518-9730

NOTIFIER Spain  
Tel: 34-93-497-3960  
Fax: 34-93-465-8635

NOTIFIER Norway  
Tel: 47 66 76 200  
Fax: 47 739 62 861

Additional Location in Europe:  
Poland

For over 50 years, NOTIFIER has been a leader in the fire alarm industry. Today, we are the largest manufacturer of engineered fire alarm systems with over 400 distributors worldwide, and regional support operations on every continent to ensure we provide the flexibility and options your business needs.

NOTIFIER - Leaders in Life. Safety. Technology.

 **NOTIFIER**<sup>®</sup>  
by Honeywell