



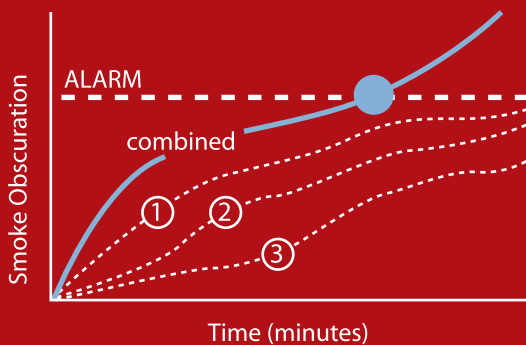
ONYX[®]
INTELLIGENT SENSING

 **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.



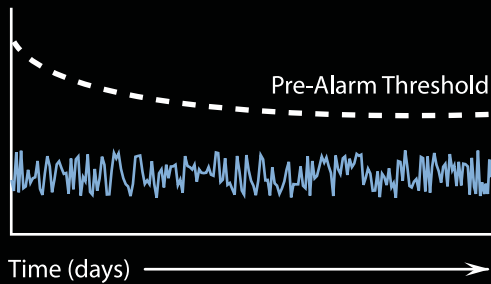
AVAILABLE ONLY FROM NOTIFIER,

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.

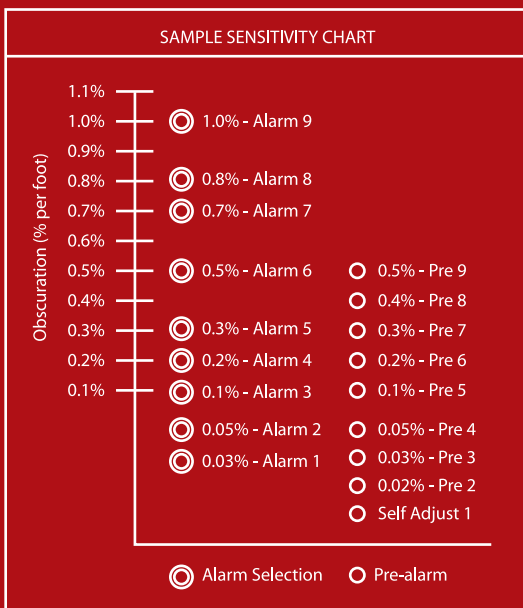
STABILITY.

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

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NOTIFIER Spain
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Fax: 34-93-465-8635

NOTIFIER Norway
Tel: 47 66 76 200
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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.

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