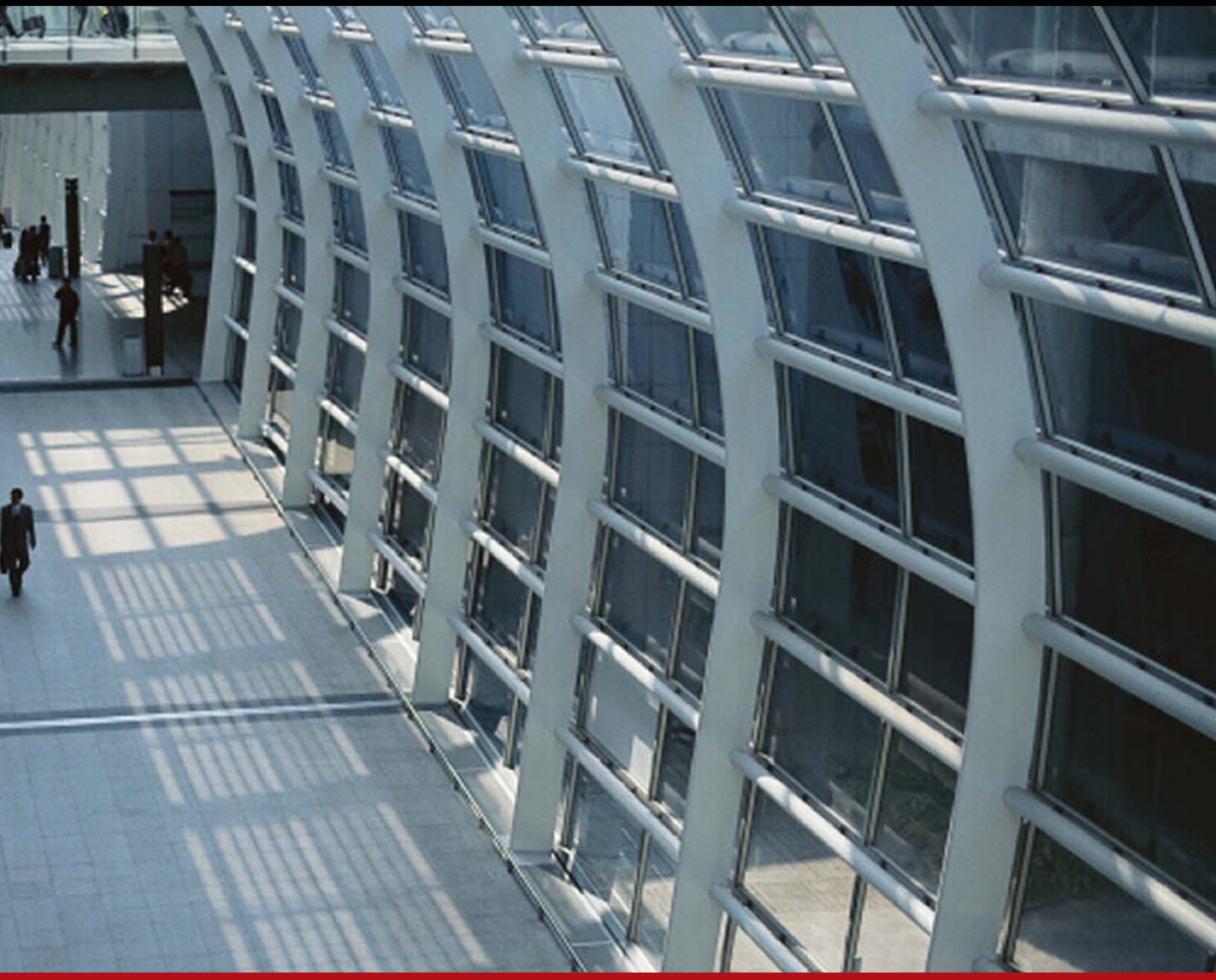


ONYX®

Intelligent Sensing

NOTIFIER®
by Honeywell

Maximum Speed, Stability, and Reliability



NOTIFIER's ONYX Series intelligent fire alarm systems respond rapidly to incipient fire signatures with unmatched precision. At the same time, they significantly reduce the occurrence of nuisance alarms. It's all made possible by NOTIFIER's ONYX Intelligent Sensing technology, which maximizes speed, stability, and reliability.

ONYX Intelligent Sensing is comprised of two key elements: a set of complex software algorithms found in all ONYX Series fire alarm panels and a suite of advanced, specialty smoke detectors. When used together, these elements extend ONYX Intelligent Sensing capabilities far beyond that of typical spot-type smoke detection.

From mission-critical applications where even a trace amount of undetected smoke is unacceptable, to environments where the presence of dust, moisture, or theater smoke is the norm, ONYX Intelligent Sensing is the answer.

High Sensitivity for Early Warning



VIEW™ Laser Detector – Super Sensitive Spot-type Detection

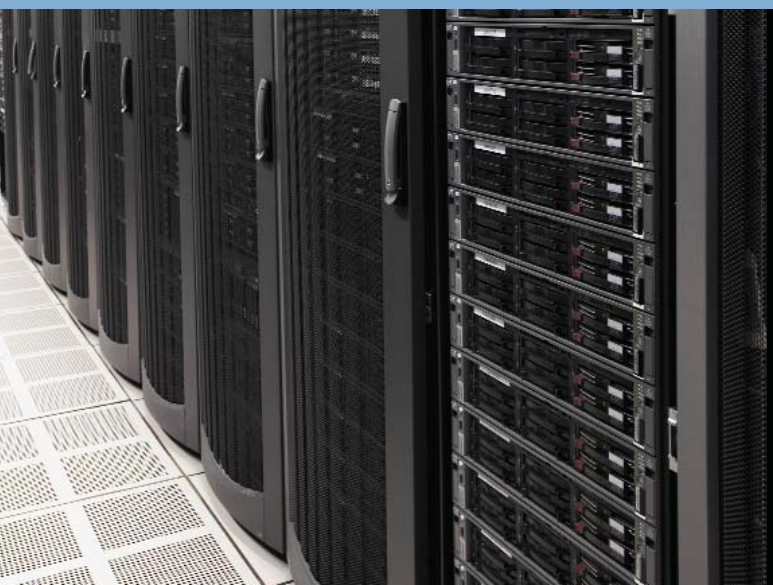
The VIEW laser smoke sensor is selectable to be up to 100 times more sensitive than standard photoelectric smoke detection technology. VIEW is ideal for critical applications where even a trace of undetected smoke is unacceptable or where high air flows can make traditional smoke detectors ineffective.

Applications: *Server rooms, data centers, clean rooms, records storage, equipment rooms*



Customize Detector Sensitivity to the Environment, Day and Night

ONYX Intelligent Sensing offers nine levels of detector pre-alarm and alarm sensitivity settings. This allows users to optimize each detector's sensitivity specifically to its individual environment. Sensitivity levels are programmable to alternate automatically between day and night as occupancy changes.



Aspirating Smoke Detection – Early Warning in Challenging Environments

Aspirating Smoke Detection (ASD) solutions provide early warning of an impending fire hazard. ASD can buy time to investigate an alarm and initiate an appropriate response to prevent injury, property damage, or business disruption. With a wide sensitivity range and multi-level warnings, even minute levels of smoke can be detected before a fire has time to escalate.

Applications: *Correctional facilities, clean rooms, cultural/heritage, data and telecom, hospitals and healthcare, warehouses, nuclear facilities, power generation, records storage*

Minimize Nuisance Alarms

Cooperative Sensing Analyzes Readings from Multiple Devices

NOTIFIER's Cooperative Sensing Technology evaluates sensor readings from up to three adjacent smoke sensors to verify uniform smoke spread, a strong indication of a true fire condition. Based on the sensor data, the panel can quickly determine the difference between a real fire emergency and a nuisance condition.

Acclimate Plus™ – Self-optimizes, Senses Heat and Smoke



The Acclimate Plus detector combines thermal and photoelectric technologies into a single device. It constantly monitors ambient heat and particulate conditions, adjusting sensitivity parameters and alarm thresholds automatically to maximize detection across a broad range of fire types.

Applications: *Office areas, schools, healthcare facilities, hospitals, hotels/motels*





IntelliQuad™ – The Ultimate Multi-criteria Detector

IntelliQuad senses carbon monoxide (CO), heat, smoke particulates, and infrared signatures simultaneously. Sensor readings are continually evaluated against one another, allowing the detector to operate normally with high immunity to nuisance conditions, while quickly responding to true alarm events.

Applications: *Theaters equipment rooms, computer facilities, kitchens, food processing plants, bars/nightclubs, boiler rooms, dormitories, hotels, rugged environments (-32°F to 100°F; 10% to 93% RH)*

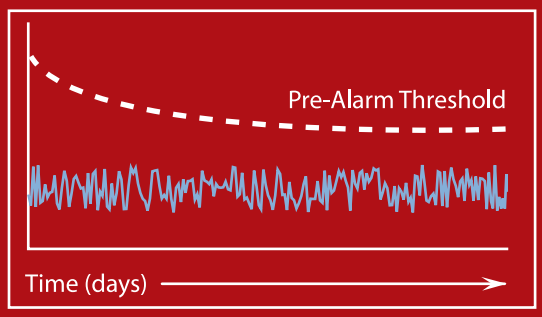


Always Operating at Peak Performance

Automatically Compensates for Dirt/Dust Build-up

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 Sensors Learn Their Environment

Smoke sensors self-optimize by learning 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 guarding against nuisance alarms.

Panel-based Intelligence for Optimum Performance and Ease of Use

Having the intelligence behind ONYX Intelligent Sensing based in the ONYX Series panels helps maximize device polling and signal processing speed. It's what ensures a split-second response to true alarm conditions and the quick rejection of nuisance conditions. It also means that NOTIFIER smoke detectors benefit from the latest panel software upgrades without having to replace or re-program each individual device, saving time and simplifying maintenance.



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Fire Alarm Control Panels



Emergency Communication Systems



Fire Alarm Networks



Advanced Fire & Smoke Detection



Fire, Security, CCTV Integration



Gas Detection

For over 60 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 for the flexibility and options your business needs.

NOTIFIER - Leaders in Life. Safety. Technology.



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