



FireSmart™ Fire Detectors

*The most intelligent choice
for the life of your building.*

 **FARADAY**

Superior responsiveness and false alarm resistance, with the effectiveness of photoelectric and thermal technology.

You can be sure that the Faraday FireSmart™ Fire Detector is the most intelligent choice for your facility—because the FireSmart itself is designed to make the most intelligent choices everyday. The detector knows that all fires have distinctive characteristics. It uses this intelligence to instantly identify a real fire emergency from false alarm phenomena. This assures you the earliest possible warning with the greatest false alarm resistance available. To prove it, an extraordinary *No False Alarm Guarantee* is provided with every FireSmart detector.

Unmatched reliability.

Using advanced software and a neural network similar to the human brain, the FireSmart detector combines the responsiveness of photoelectric and thermal technology to provide fast and accurate fire detection.

This proven technology lets FireSmart recognize the traits of multiple fire hazards. Unlike any other detector, it applies the data to distinguish fire from deceptive phenomena like vehicle exhaust, cooking fumes, humidity, cigarette smoke, dust, temperature shifts, and radio interference from electronic devices.

Flexible, user-friendly design.

With one easy adjustment, this low-profile unit can be easily set to work in 11 different environments where fire situations most commonly occur.

Greater safety for new and retrofit applications.

FireSmart detectors are compatible with Faraday MPC 6000 and MPC 7000 intelligent fire detection systems. From a one-loop system to a large networked configuration, MPCs offer a new level of protection for most commercial, industrial and institutional facilities. Installation is up to 25% faster than typical systems, depending on type and size of building.

Proven through 50 years of research and millions of installations.

FireSmart is the single solution, ideal wherever early detection is critical to life and property safety, and business continuation. This is the one detector for offices, hospitals, schools, warehouses, airports, restaurants and manufacturing sites. With such revolutionary features, it's never been easier to feel confident about your choice in fire detection.



11

FireSmart is ready to perform with maximum efficiency in any of the 11 environments listed here, representing the comprehensive range of environments where a fire detector is normally used. Setting the detector couldn't be simpler. After installation, just set it for the appropriate environment. If the area's usage changes, FireSmart can easily be adjusted from the fire alarm panel to accommodate the transition.

Computer Room - This highly controlled environment is typically clean, has closely regulated climate control and contains costly equipment.

Parking Garage - For indoor parking and vehicle service areas. Conditions include airborne dust, a high level of car and diesel fumes and possible cigarette smoke.

Office/Retail - Appropriate for a reasonably clean, climate-controlled atmosphere, this is the most commonly used setting.

Health Care - A higher-level risk area relatively free of dust, but containing electronic equipment which emits radio frequencies.

Hostile Environment - Dirty, dusty and humid with radio frequencies from operating equipment, this is a "catchall" application for areas previously considered too harsh for detectors. Contact our Applications Department if suitability is in doubt.

HVAC Duct - Detectors can be installed in HVAC air ducts.

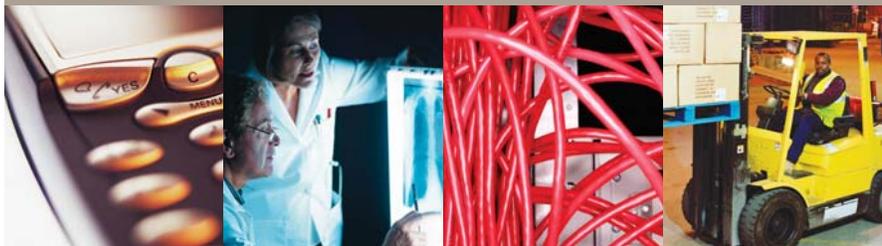
Precious Storage - Contains sensitive materials or valuable equipment and is usually clean and dust-free. Earliest warning is desired.

Equipment Storage - Transformer Rooms and Telephone Closets - Any equipment storage areas where environmental controls and cleanliness are less than normal.

Dormitory - This setting can be used for any living quarters. Conditions may include airborne dust, light cooking fumes and cigarette smoke.

Lobby - A relatively clean area with sporadic dust and dirt, some radio interference from cell phone usage and possible cigarette smoke.

Warehouse - Contains airborne dust and a dock area with light to medium exhaust from forklifts, trucks, etc.





The FireSmart No False Alarm Guarantee.

We back every FireSmart detector with a remarkable guarantee against false alarms. It's your assurance that the detector can identify a true fire emergency with unmatched speed, accuracy and false alarm resistance. Or, we will pay any fine levied in connection with a false alarm caused by a FireSmart detector.

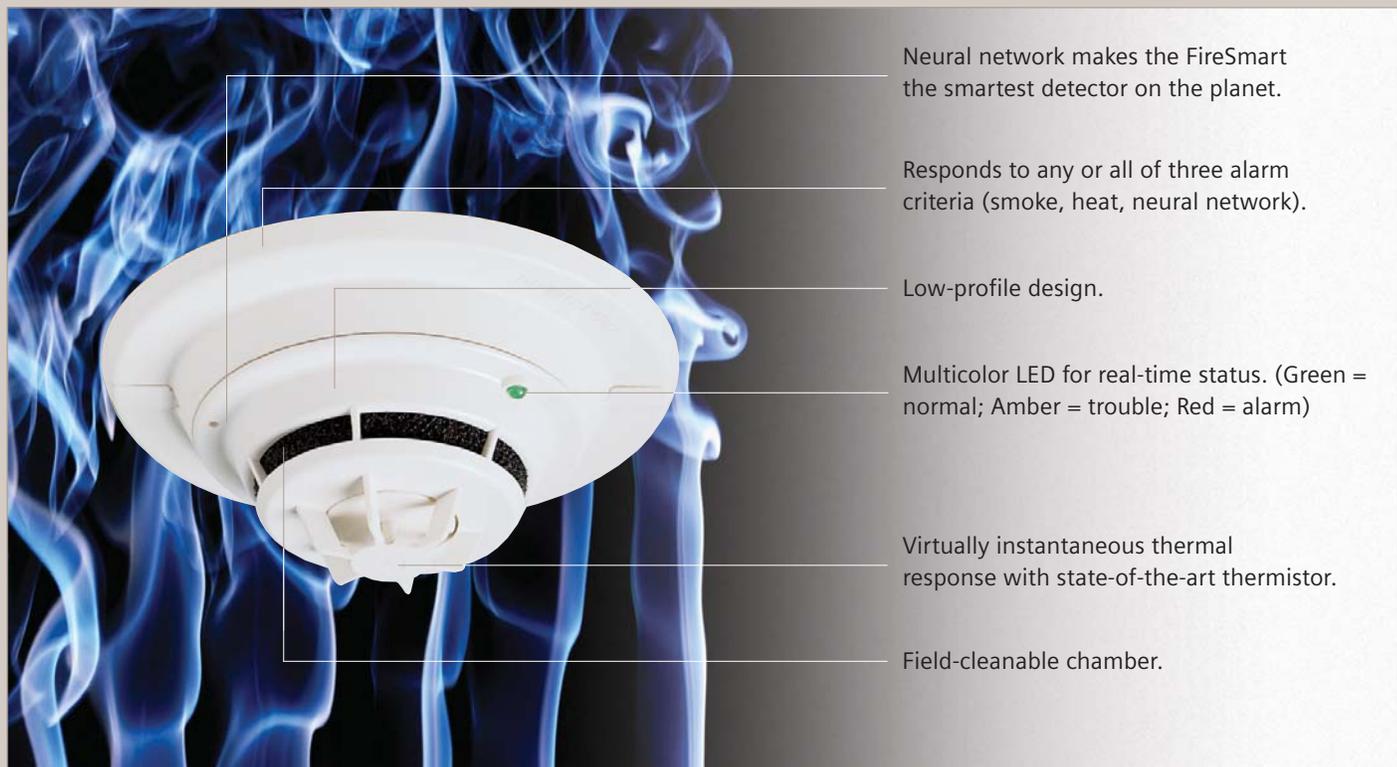
Faraday: a leader in complete fire safety solutions.

Fire safety needs have changed radically during our 130-year history. By anticipating and adapting to this evolution early on, we've provided facility owners, managers and consulting engineers with effective solutions time and time again. Our selection of fire detection systems and devices is compatible with most types of commercial, industrial and institutional facilities. All products are manufactured to ISO quality standards and are UL listed. So whatever your application, trust our ability to deliver the ideal fit for your current and future needs. Faraday. Always thinking ahead.

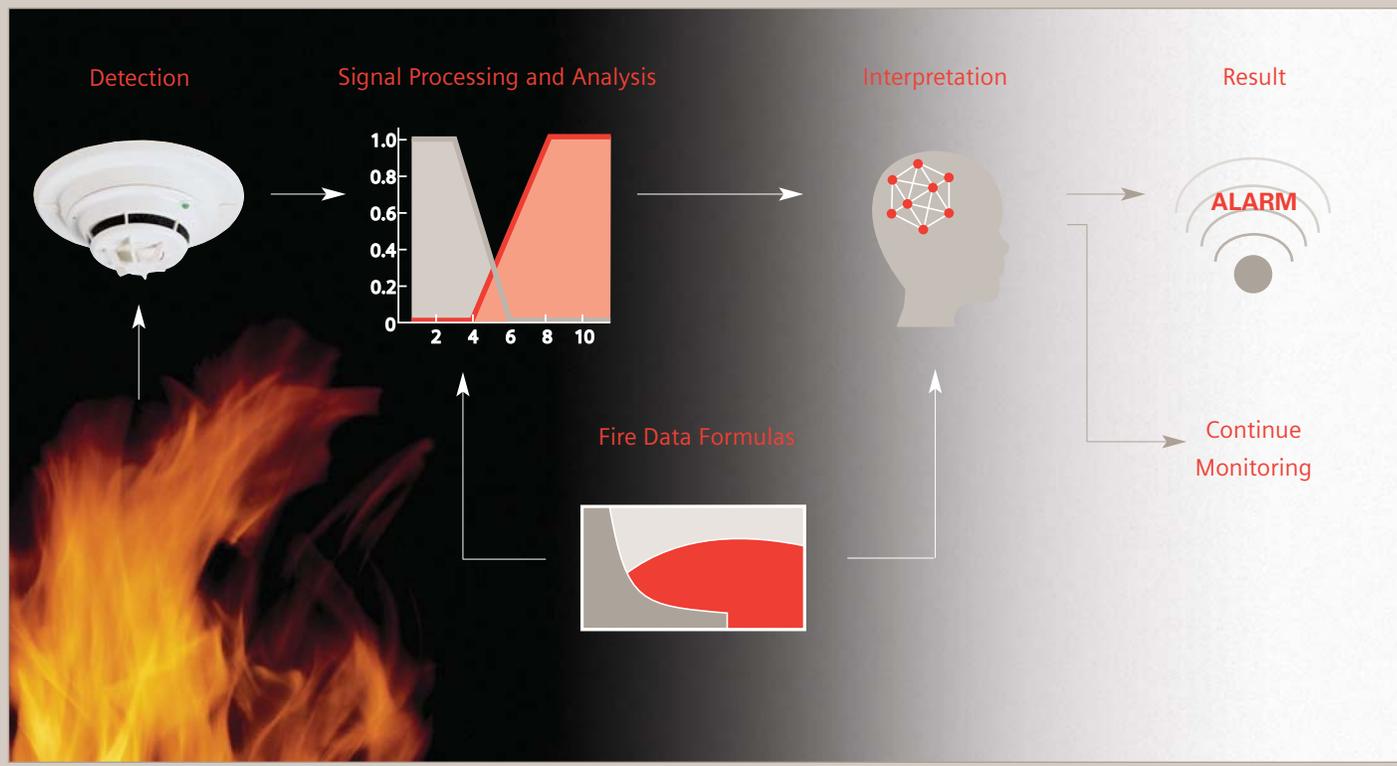
For details on how the FireSmart Fire Detector can put its intelligence to work for you, visit www.faradayfirealarms.com.

Faraday. *Always thinking ahead.*

Inside the FireSmart Detector.



How the neural network operates.





www.faradayfirealarms.com