PARKING FACILITIES

How do we provide clear detection in a polluted area?

A parking garage often contains a lot of dust, pollution, and exhaust, leading to challenges detecting fires. Standard smoke detection is usually not suitable.

Heat detecting cables or heat detectors are sometimes used to protect parking garages. However, such technologies require a lot of heat before reacting, especially if the detector is not situated directly above the fire.

Parking garages are often a part of a larger buildings, like shopping malls, hotels, hospitals or apartment buildings. Having a large amount of vehicles, including fuel, placed under a building with a massive amount of people, often sleeping or unable to evacuate without help, can lead to critical situations and loss of life.

Up to 20 m ground coverage

High degree of immunity to false alarm sources

Recognizes the signature in flames, allowing other sources of heat to pass in the area without raising the alarm

Automatic addressing

Various sensitivity settings possible (Optimal at different distances)

Not blinded by oil film on window

Easy detection of hydrocarbons

Sunlight resistant

Detects fires in organic materials

Built-in alarm indicator (LED)

Short-circuit isolator

Interactive

Flame detection is a safe choice

In order to save lives and prevent damage to buildings, it is crucial that the fire is detected as early as possible and that the fire department is notified immediately.

Open flame is usually the critical issue in parking garages. Flame spreading from one car to the next, eventually igniting fuel. The need for early detection of open flame is critical to avoid a massive fire, possibly leading to loss of life and property.

The Autronica Dual IR flame detector will monitor the entire area and give warning within seconds when an open flame is observed.

DYFI+ intelligence ensure that the detector has a high immunity to any nuisance alarm source and makes this detector the obvious choice for demanding applications.

Fire alarm control panel

The main panel is placed in the operating control room, with information panels by all entrances. Information/repeater panels can communicate and be powered through the detection loop.

Detector

Our smoke, heat and multisensors cover the rest of the building. Smart technology offers longer life, better protection against unwanted alarms, and shorter response time to smouldering fires.

Top system

An AutroMaster monitor is placed in the operating control room, providing full control and monitoring of the building. Simplifies maintenance through automatic log. All documentation can easily be retrieved from the report generator.

Why choose fire safety from us:	Operational manager	Owner	Fire department	Car owners
	Responsible for ensuring that all persons and vehicles present in the building are safe, in that the system is working correctly at all times.	Responsible for keeping the parking garage up and running at all times.	Responsible for fire fighting, lifesaving and salvaging remaining value. Quick response and accurate information is essential to protect life, environment and property.	Can rest assured that their cars are parked safely, and that the building and any residents will be notified as early as possible should a fire break out.

Operational manager
- Smart technology prolongs the life cycle and enhances the precision of the detector
- Top system provides control of the entire building, and events are logged automatically

Owner
- Early detection means faster hadling of the situation
- Smart technology enhances the precision of the detector, leaing to fewer unwanted alarms

Fire department
Benefit from early detection and timely notification, few unwanted alarms:
- Smart technology ensures faster fire detection and eliminates unwanted alarms
- Loop panels provide precise indication of location

AUTRONICA

ONE SUPPLIER – TOTAL FIRE SAFETY

Fire safety is increasingly prioritized in large parts of the world, and we are happy to be part of that development. We make everyday life safer for factory workers in Brazil, hospital patients in The Netherlands and people shopping for groceries at the mall in Malaysia.

Our vision: Zero loss of lives, no injuries or damages caused by fire and gas

Service and maintenance
Service and maintenance must be performed in accordance with local/national requirements.
We recommend an annual service and control of the total system. We refer to relevant procedures included in the installation and commissioning handbooks from Autronica. We recommend that you let us or one of out certified partners take care of the service.

Approvals and standards
Local/national standards apply. All our fire safety products are approved according to EN 54.
For certificates, visit our website.