



AUTRONICA



CRUISE SHIPS

8000 people out at sea – and you're responsible for their safety

A cruise should be pleasant and worry-free. Very few guests give a second thought to the fire safety onboard. That's why it is necessary that you do.

Have you ever thought about the complexity of a cruise ship? From the spa to the kitchen, stages with pyrotechnic smoke, large atriums and below sea level machine rooms. And in addition, cruise ships spend most of the time miles from solid ground.

We help keep your passengers safe.

See the world from one place

with **AutroMaster** integrated safety and emergency management system.

AutroMaster provides an intuitive graphical control and monitoring interface helping to save time when every seconds counts. The interface gives an overview of the monitored area in graphical form with the possibility to display and control a broad range of systems in addition to our own AutroSafe interactive fire detection system.

Status information is displayed in real-time with easy-to-understand graphics. Navigation in the monitored area is easily done via the navigation pad and the use of zoom – providing the possibility to display everything in detail.

AutroMaster dynamically presents values for gas density, smoke and heat with different colours in the monitored area – making it easy to perform the necessary actions during fire fighting activity.

AutroMaster also provides the possibility to have customer-specific information in the monitored area in information layers. Power/water supply networks, sprinkler systems, emergency lights, escape routes, fire doors or any other object which may be relevant in case of an emergency can be displayed. These layers can be toggled on/off in order to simplify overviews and present only the information of interest.



Fire alarm control panel

The fire alarm control panel is placed on the bridge. An information panel is placed in a technical room. Information/repeater panels can communicate and be powered through the detection loop.



Detectors

Our smoke, heat and multisensors cover most needs for fire detection. Smart technology offers longer life, better protection against unwanted alarms, and shorter response time to smouldering fires.



Flame detector

Our flame detector is effective when it comes to stage/pyrotechnic shows. It is also ideal for exterior protection, such as balconies.



CCTV

We provide CCTV cameras for all requirements onboard. The camera management system is integrated with AutroMaster.

Why choose fire safety from us:



Captain/Safety Officer

Responsible for ensuring that all persons onboard the ship are safe, in that the system is working correctly at all times.

- Spend less time on daily operations:
- Easy on/off during maintenance
 - Automatic logging of events
 - Mobile operation
 - Smart technology makes time-consuming testing superfluous and simplifies control.

Crew

Responsible in an alarm situation. Must obtain an overview quickly, and either get people into the lifeboats or take action without the guests being affected.

Get simple information at a glance in an emergency:

- Exact location of alarm(s)
- Faster handling of the situation
- Better and safer evacuation

Fire-fighting team

Responsible for fire fighting and life-saving. Quick response is essential to limit damage to the life, environment and property.

Benefit from early detection and timely notification, few unwanted alarms:

- Smart technology detects fire faster and eliminates unwanted alarms
- Precise indication of location

Owner

Must ensure that the fire alarm system is inspected and maintained regularly, and that the system is functioning as intended – always.

Get predictability at the lowest operating and life cycle cost possible:

- Smart technology reduces the scope of manual control while increasing safety and doubling the detector lifetime

Passengers

Get the good cruise experience, with a minimal amount of disruption. They avoid unnecessary, intimidating situations, and get a better customer experience. And most important - they can sleep safely at night.

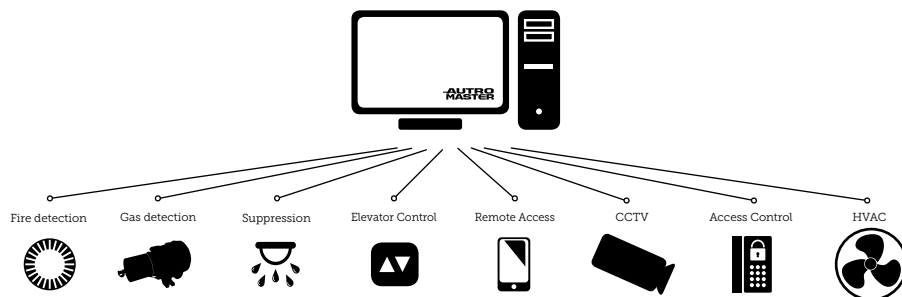


**One supplier
– total fire safety**

Everyone needs to sleep safely at night.
Especially those who haven't seen shore
for days.

We protect lives every day – and the
best part of it is that no one notices. Our
equipment is installed on thousands of
vessels all over the world, ensuring that
tens of thousands of crew and passengers
are safe.

The products we make are among the best
in the world, yet still we keep working to
create something that is even better. This
makes us not only a preferred supplier
of fire and gas safety systems, but a
participant that continuously raising the
standards for safety at sea.



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.

For information on service and maintenance of the fire detection system and other equipment, refer to relevant procedures included in the installation and commissioning handbooks from Autronica.

We recommend that you let us or one of our certified partners take care of the service. Then you lay your trust in the hands of people with training on and experience with our systems. This will ensure a longer life span of your system and increase the safety, thus reducing the life-cycle cost.

Standards

Local/national standards apply.

Approvals

Autronica products undergo an extensive certification process, and we hold certificates on our products from a wide range of classification societies. All our fire safety products are approved according to SOLAS.

For certificates, go to www.autronicafire.com.

Chosen references

Royal Caribbean Cruise Lines
Disney Cruise Lines

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