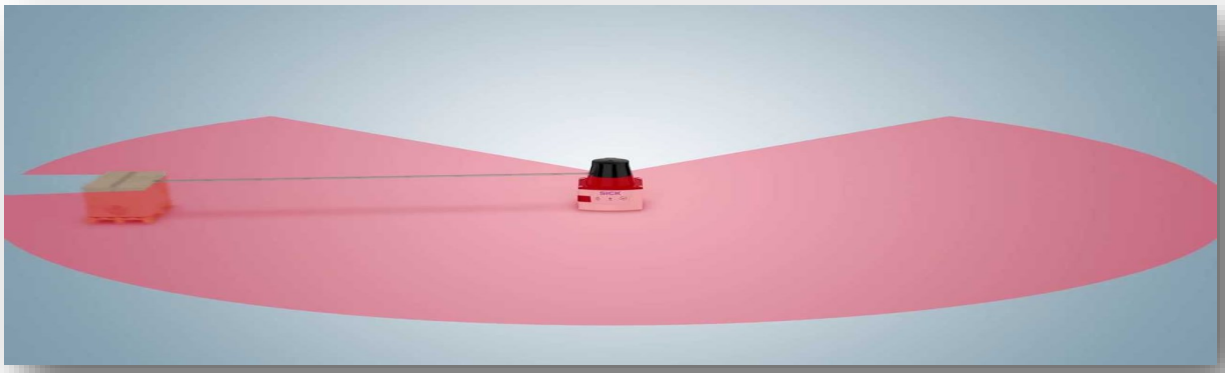
Check the space !

2D Laser Detection technology for perimeter and surface protection

Guardian Laser Curtain Detection

The Laser Curtain Detection module is the result of experience in various operating environments, such as airports and ships, of detection technology based on 2D laser sensors.
These devices, through the emission of a series of laser beams in ToF (Time of Flight) technology, allow the creation of very large monitoring surfaces (up to 200 meters) in which to detect the presence of both static and moving objects. The measurement process is able to determine the position with precision of the order of the centimeter.



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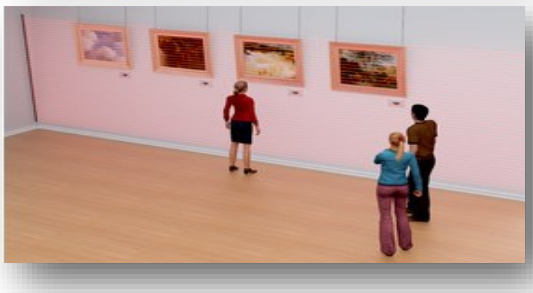
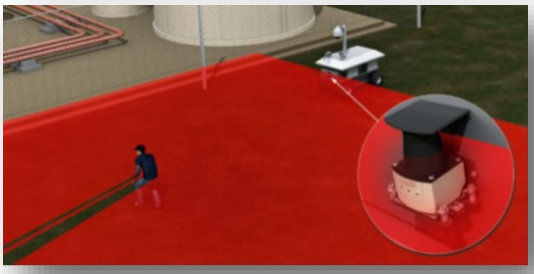
2B CONTROL

Multi-utility technology

The applications that can take advantage of this technology can be multiple:



Perimeter checks
Detection of access attempts in the perimeters.



Protection of objects on the wall
Through the positioning of a single sensor it is possible to protect entire walls from attempts of vandalism or removal of objects on the wall, such as paintings inside a museum.

Area control
Through the creation of a "carpet" of planar rays to a walkable area, it is possible to monitor in real time the presence of people, things, means. This mode, for example, is used in airports to detect "abandoned object".

Gate detection
Through the creation of a "tent" of rays in a gap, it is possible to monitor in real time the passage of people or vehicles.

Protection of exhibitions
Stand protection during unmanned hours.

Naval protection
The system is applied to the perimeter protection of ships, making the hulls unassailable in the case of attempts to board by sea.

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