

Features of Edegescan 200 security system

- * Search the area close to platform edge for undesired movements and persons to close to the edge
- * When there are undesired movements Edegescan alert or warn the persons in the dangerous area.
- * Output which can be connected to the train driver alerting about the problem and admits a reduced speed when something occurs
- * Reduced stress to staff and increased protection level for passengers
- * Can operate as intruder detection when station is closed and full integration to the Protectomatic TSS concept
- * Useable in sub way stations, train stations , harbour piers and other similar areas

Edegescan 200 edge protection Laser radar system

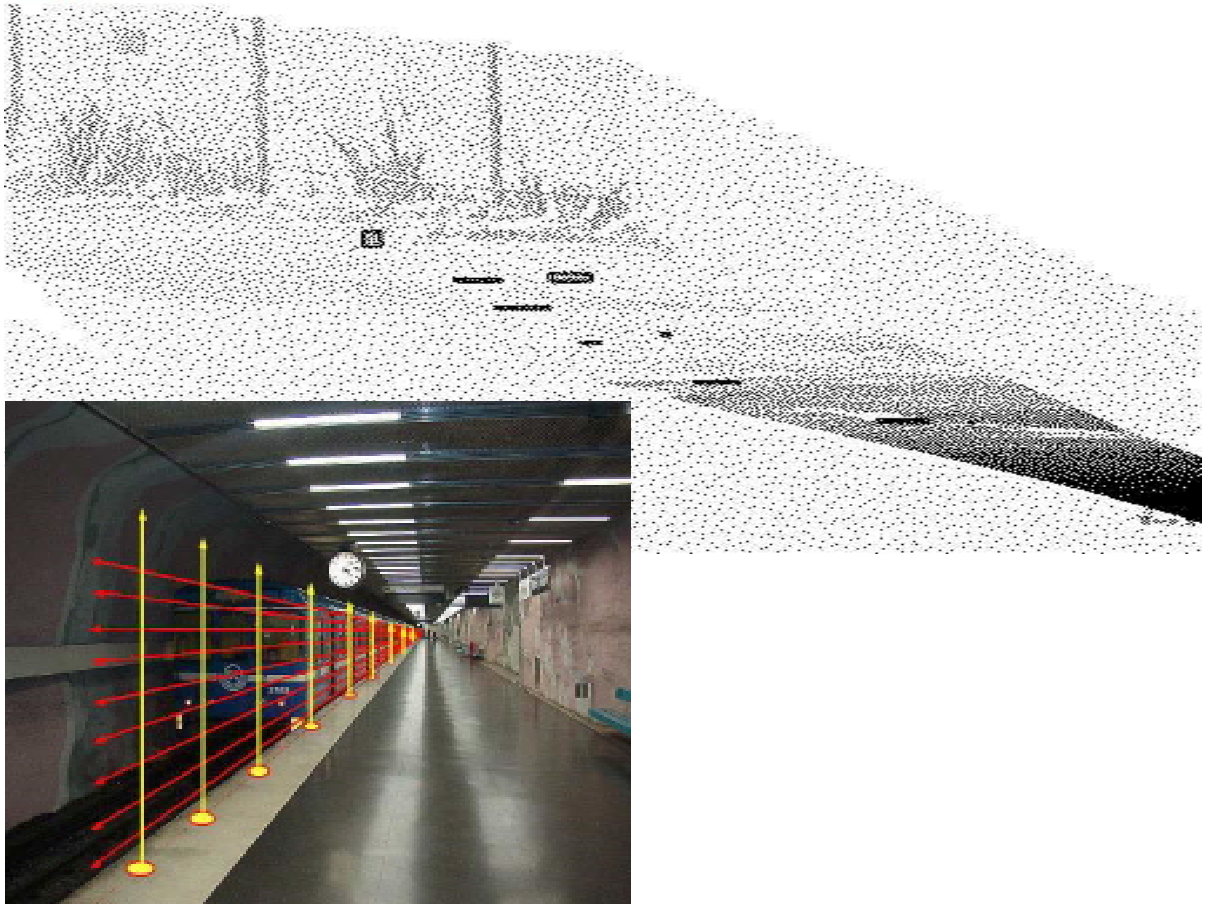
Persons falling down on rail top is a huge problem in all train related applications. The platform is not a good solution if there is a high demand in safety for transports as there is no mechanical protection between the platform upper level and the rail. One way to reduce this problem and to prevent accidents is the Edegescan 200 solution.

Edegescan is a laser radar device scanning the platform edge and when something moves in the area there is an alarm activated. The alarm output can be used in several ways like alarm bells, voice .

Edegescan 200 scans a virtual fence at the edge of the platform which is normally up and down like a virtual barrier. When something breaks the invisible barrier / fence the microprocessor in the system gives an alarm. The scanning admits detection of obstacles to be detected anywhere along the scanned line / profile. This includes things just over the floor and higher up in the air. This gives added safety and security to fool the system in any way. Edegescan includes fail safe thinking.

Many of our products are protected by patents and patent applications

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Technical specifications of Edegescan 200 edge protection barrier

Range of detection	1 meter to 200 meter
Scanned area	Typically one meter high close to the edge of the area
Scanned resolution	20-30 cm all over the area
Detection speed	0,5 sec from object into the scanned area
Detection accuracy	Obstacles are detected with an accuracy of +-1 meter
Input voltage	24 / 230 AC/DC volt max 100 W
Encapsulation	Casted aluminium box IP 65 protection level
Ambient temperature	- 20 to + 50 degree C
Humidity 0-100%	Non condensing

Options for Edegescan 200 security system

Integrated camera	Integrated camera system making an image over what caused the alarm. This can be transmitted far away and to mobile phones if desired
Wire less interface	We can supply wire less interfaces

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