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| **Overview**   * OnlyOne is a modular kit designed for a range of applications based on a robust IR 3D TOF sensor for people separation and direction indication * The 3D-TOF sensor in solid industrial quality detects the objects and analyzes the results obtained * A small and handy control unit, the converter box, is responsible for implementing the sensor analysis, making it easy to connect to existing or new door control systems via potential-free contacts at any time * The fully internal analysis of the image data in the sensor ensures 100% compliance with the GDPR guideline and guarantees data protection and system security. Data loss and an external attack on the system are completely ruled out, as no external connection is required * Only one 3D-TOF sensor is required for the entire gate system. Safety mats, light barriers, and scales can be omitted * Optional: plug-and-play modular system, very rapid installation * Installation heights of 2000 - 2400 mm are possible * In contrast to other sensors, the 3D-TOF sensor is not affected by environmental conditions such as ambient light or temperature. Interferences are therefore excluded * The system can be used both indoors and outdoors |

**OnlyOne Systems**

The OnlyOne system is a product family based on a modular system designed for a range of security applications in the public or business sector. OnlyOne guarantees that only one person per identification may enter a secure zone at any one time. This reliably prevents unauthorized persons from accompanying others into secure areas.

The OnlyOne product family is based on the 3D Time-of-Flight sensor and is primarily used in security-monitored areas such as banks, courthouses, IT buildings/data centers and airports for secure access control or security gates. The focus here is on the separation and direction indication of people.

The OnlyOne system covers the following applications: The lock cell (OnlyOne SSE = Secure Separation) and the revolving door (OnlyOne SCO = Fast Separation), both for people separation, as well as the directional gate (OnlyOne SDI = Secure Direction Indication) in the form of direction indication. In all cases, the system also checks to ensure that the monitored room (cell, door area, etc.) is free of people or objects left behind.

**Application example 1 (SSE): Highly secure people separation for access control in IT buildings, banks, courthouses, increased access security, secure personal identity assignment, optimized for retrofit business**

In many cases, access to high-security areas such as courthouses or IT centers, data centers or secure rooms in banks, is subject to special restrictions. In such cases, gate systems are generally used, which may only be entered individually after successful identification. The OnlyOne System SSE from Sensotek ensures reliable separation of people, with a focus on increased security.

Thanks to its overhead mounting position, the 3D ToF sensor allows complete monitoring of the gate area of an access control system without obstructions. Determining the presence of one or more persons enables release or rejection. Objects or persons in the area of the lock are also reliably detected and enable the system function to be blocked if necessary. Covering the sensor leads to a sabotage message, which can be signaled separately or in combination with other messages.

**Application example 2 (SCO): Fast separation for access control to e.g. factory premises or ticket-based personnel transport systems, high personnel throughput with moderate separation requirements, optimized for retrofit business**

Access to factory premises or similar secure company areas, as well as access to ticket-based transportation systems, events and exhibitions, for example, require high-throughput people separation. Lattice turnstiles or revolving doors are usually used in such cases.

The separation quality of this equipment can be improved with little effort using the OnlyOne system, ensuring that only one person at a time has access to the secure area with each badge or ticket.

Here too, the 3D ToF sensor allows complete monitoring of the area of a door segment thanks to its overhead mounting position. Detection of the presence of one or more persons results in accept or reject. Objects or people in the area of the door are reliably detected and enable the system function to be blocked. Covering the sensor leads to a sabotage message, which can be signaled separately or in combination with other messages.

**Application example 3 (SDI): Secure transition from airside to landside in airports, no control area violation, optimized for retrofit business**

Automatic person flow control with reverse direction blocking in airports. The transition from airside to landside is subject to strict safety regulations and must therefore be monitored. Among other things, gates are used here that can only be passed through in the specified direction. The OnlyOne SDI system from Sensotek ensures the correct flow of people, even with high volumes of people traffic. Thanks to the overhead mounting position, the 3D ToF sensor allows complete monitoring of the passage area of a gate without any obstructions. The sensor system ensures that nobody moves in the opposite direction. Detecting the wrong direction of movement of one or more persons triggers the reverse lock. Covering the sensor leads to a sabotage message, which can be signaled separately or in combination with other messages.

**Sensotek. Intelligent Sensor Solutions**

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