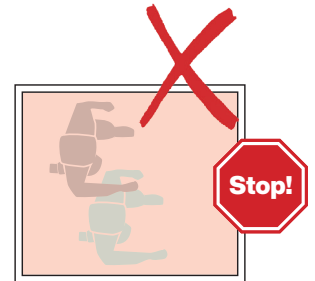
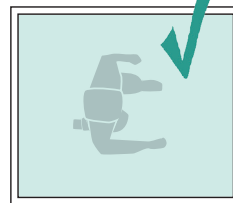


System Solutions for Access Control – Banks, Courthouses

OnlyOne SSE –
Secure Separation

Increased Access Security | Secure
Person Identity Assignment |
Optimized for Retrofit Business



OnlyOne SSE – Secure Separation

Separation of Persons under Increased Security Requirements

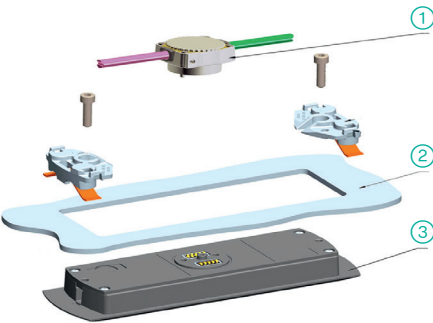
Access to certain areas, such as courthouses or IT buildings, banks and museums, is in many cases subject to a specific security requirement. As a rule, gate systems are used that may only be entered individually, one at a time. The OnlyOne SSE System from Sensotek ensures reliable separation of people, with a focus on increased security.

Thanks to the overhead mounting position, the 3D-ToF sensor allows complete monitoring of the gate area without any interfering obstacles. Establishing the presence of one or more persons enables release or rejection. Likewise, objects or persons located in the gate area are reliably detected and enable the system function to be blocked. Covering the sensor leads to a sabotage message, which can be evaluated separately or combined.



Installation

Mounting can be adapted to the installation conditions.



- ① sCON-S System connector
- ② Door cover
- ③ Installed sensor

Converter Box

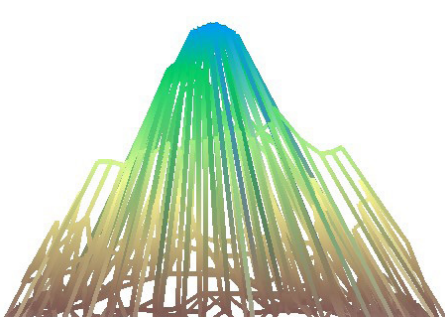
Digital output signals for easy connection with door control.



- Binary I/O
- Easy setting
- Potential-free relay contacts
- Semiconductor outputs
- 24 V DC

Analysis

Characteristic height profile of a person as seen by the sensor.



- Dynamic recording of objects
- Analysis of the recorded height profile
- Recognition of one or more persons
- No personalized data, no inference to individual person

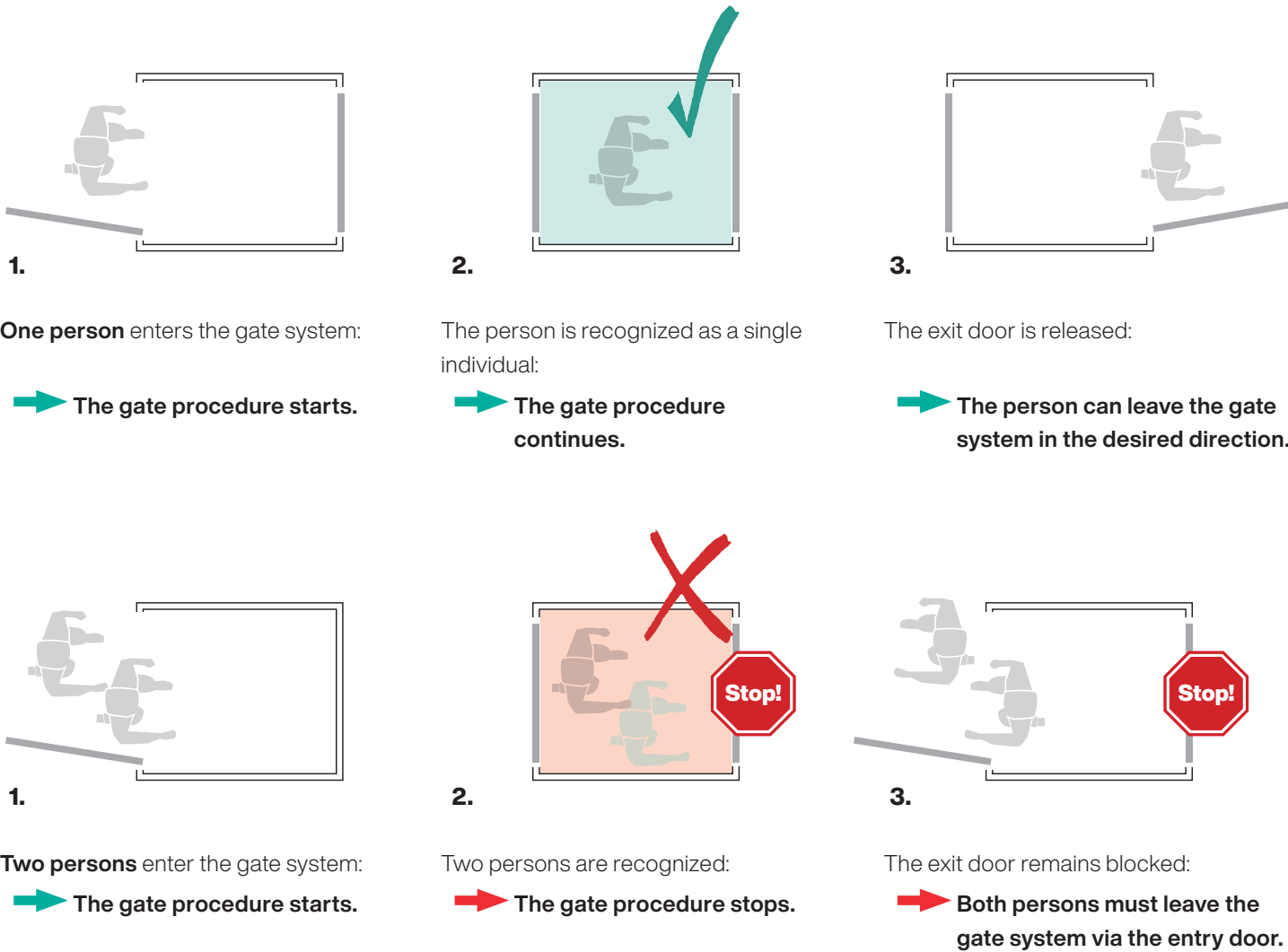
Features

- 3D-ToF sensor with special application firmware for people separation
- 3D image capture with true distance and contour information: detects people based on their height profile and movement behavior
- The Time-of-Flight (ToF) technology uses infrared light for independence from changing ambient light or temperature fluctuations
- Reliable and worldwide approved technology for people separation

- Various interfaces: binary I/Os with potential-free switching contacts or semiconductor outputs, Ethernet, CAN bus
- Installation height: 2.00 m - 2.40 m

Mode of Operation

The sensor analyzes the 3D surface contour in the detection field and recognizes people based on their height profile.



Highlights:

- 3D-ToF sensor optimized for separation solutions
- No inclusion of personalizable (image) data of the respective person - DSGVO-compliant (General Data Protection Regulation)
- Compact data processing runs completely inside the sensor
- Practically independent of environmental influences
- Adaptable to a wide range of door system types and sizes
- Simplest integration into existing systems thanks to the provision of all common interface variants – retrofit suitable
- Particularly functional solution for maximum safe people separation with simultaneous high throughput rate of people at the access control system

Technical Data

Function display	ACC: LED green REJ: LED red Status: LED red Sabotage: LED red
Operating voltage	24 V DC +/- 10%
Amperage (24 V)	< 100 mA
Signal output	ACC, REJ, SAB; semiconductor & relay
Signal input	2 x PNP
Connection	removable screw terminals, 4-pole and 5-pole
Dimensions	(H x W x D) 115 x 100 x 45 mm

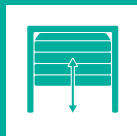


OnlyOne - Secure Separation System
Art. Nr.: 400-0010

Your Specialist in the Field of Entrance Automation for the Following Market Segments:



Door Automation



Gate Automation



Elevators



Escalators



Barriers



People Counting



Security



Fire Protection



Perimeter Security



Public Transport



Traffic Engineering



Smart Accessories



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