record R 62

Security Interlock as Access Control System

Restricted Area

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Security Interlock as Access Control System

The record R 62 security interlock provides pedestrian traffic separation with a range of security levels. The interplay between cutting edge technology and proven engineering techniques enables safe, secure access control for vulnerable and specially protected areas such as can be found in banks, airports and other sensitive applications.

Protection and Security

The control logic of the record R 62 is based on the record FlipFlow, an interlock designed to control the flow of people that has been in operation in hundreds of airports worldwide for many years. For this reason, it follows that the design and development of the record R 62 are closely connected to this product family to take advantage of synergies in design and development, and to maintain a uniform layout for operation and maintenance.

The record R 62 is basically modular in design with customizable security levels. It can be used as a pure interlock, but also provides the ability to control access with the highest reliability via contact mats or a 3D camera. These measures prevent so-called tailgating and piggybacking.

The operating status of the door together with many other parameters can be reported to a building management system for which up to 16 relay outputs are optionally available.

Versions

We provide the record R 62 in three passage widths of 600 mm, 900 mm and 1100 mm; the two larger versions are suitable for wheelchairs. As far as the design is concerned, we provide you with a wide range of possibilities to enable the interlock to fit harmoniously into the overall architectural picture. Optically open and light in the form of a glass construction, or opaque. With regard to the surface finish of all metal parts, you can choose from anodizing or powder coating in any RAL colour. The outer casing is also available in stainless steel.

All components are fully integrated into the cover, safe and secure against unauthorized access. No external control cabinets are needed, which also simplifies embedding it into existing security systems. Installation is performed on a recessed floor ring or on the finished floor itself.

Benefits at a Glance

→ Covers a variety of security levels
→ Anti-tailgating monitoring
→ Anti-piggybacking monitoring
→ Fully integrated components. No external panels required.
→ Low hood height of 220 mm enables use even when space is limited
→ Installation requires only minor structural work
→ Suitable for indoor and outdoor applications
→ Wheelchair versions available
→ Anodizing, powder coating and stainless steel finishes available
→ Easy accessibility of individual components during maintenance
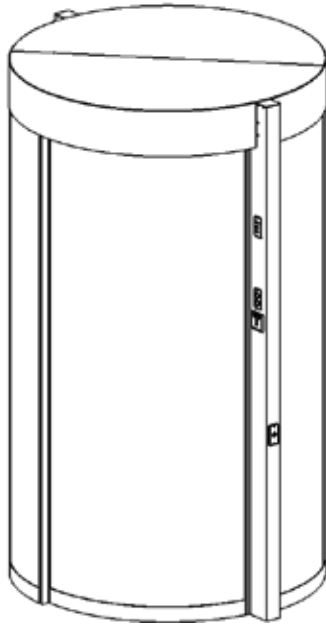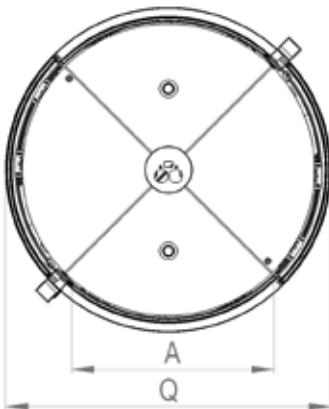→ Can be connected to building management systems

Technical Specifications

Width of passage A	600 mm	900 mm	1100 mm
Outer diameter Q			
8 mm single glazing	1035 mm	1455 mm	1735 mm
19 mm double glazing	1090 mm	1510 mm	1790 mm
Height of passage G	2100 – 3000 mm	2100 – 3000 mm	2100 – 3000 mm
G with 3D camera	2200 – 3000 mm	2200 – 3000 mm	2200 – 3000 mm
Cover height	220 – 1000 mm	220 – 1000 mm	220 – 1000 mm
Overall height	min. 2420 mm	min. 2420 mm	min. 2420 mm
Wheelchair accessible [1]	–	●	●
Security level			
Low (without sensor; interlock function)	●	●	●
Middle [2] (pressure contact mats; anti-tailgating)	●	●	●
High (3D camera; anti-tailgating + anti-piggybacking)	●	●	●

1) local regulations may vary, 2) assembly not possible on finished floors

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Drawings

Elevation

Horizontal section

Vertical cross section

Contact

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