BEYOND SECURITY

SRD Vision for Security Revolving Doors 120/180°

Optical Separation

The sensor system SRD Vision provides effective separation of people in security revolving doors. It reliably detects the presence of either no one or one or more individuals in the passage segment of the security revolving door. For that purpose, the measuring sensor system interprets motion patterns of the accessing person(s). The sensor system provides secure access in combination with the security and locking drive by Kaba. This drive effectively locks the passage against unauthorized access and at the same time prevents people from being locked in the revolving door. That applies also during times of power failure. The passage rate remains unchanged with SRD Vision.

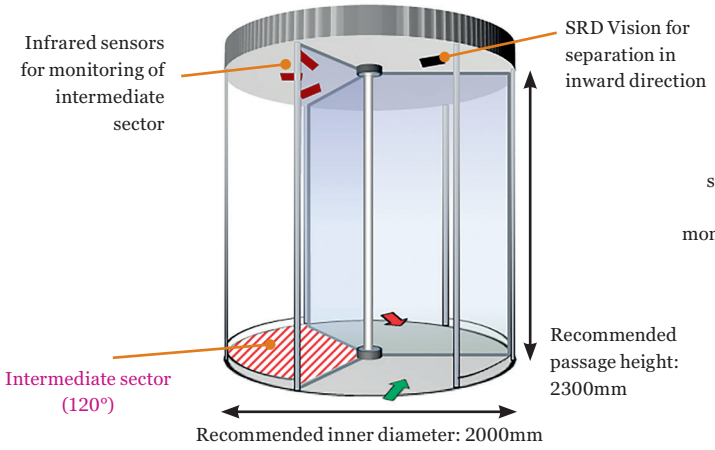
SRD Vision sees to object security in revolving doors with rotary cycles of 120° and 180°. The recommended passage height is 2300 to 2900 mm and the recommended width is 1800 to 2500 mm of the security revolving door for installation. Thus low construction heights and comfortable passage widths can be realised together with secure separation. Depending on the constructional conditions even smaller diameters or lower passage heights may be possible. This is subject to individual assessment. The sensor system is insensitive to extraneous light and thus can be implemented in all ambient light conditions.

Product Advantages

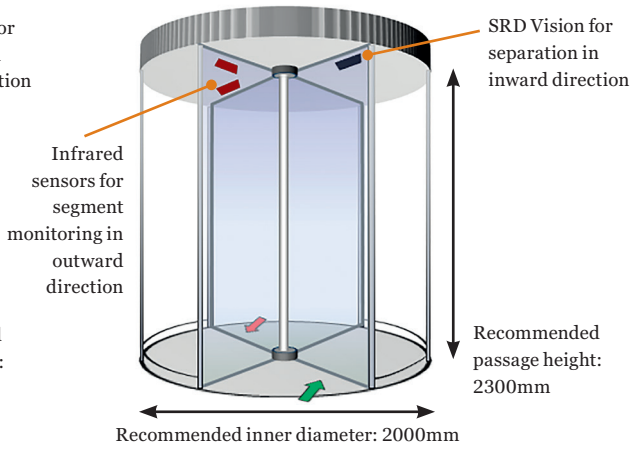
- Effective separation by camera sensor system
- Usable with rotary cycles of 120° and 180°
- Bidirectional operation possible
- Assignation of parameters for acuteness of separation
- Telemaintenance possible
- Can be combined with any access control system without additional data exchange
- No locking in of people
- Insensitive to extraneous light incl. lighting
- Retrofit possible for all security revolving doors (except glass roof versions) with recommended dimensions, also for older or third-party systems after installation of current Kaba security drive
- No constructional intervention in floor level necessary
- Autonomous unmonitored reset after voltage recovery
- Three security levels selectable per switch
- Self-monitoring system

Recommended configurations:

120 ° - unit with monitoring inwards



180 ° - unit with monitoring inwards



Basic components
- Sensor H:72 x W:160 x D:50 mm
- Sensor control box H: 210 x W: 250 x D: 91 mm
- Connection cable between Sensor and control box

Essential additional sensor equipment per passage segment
- IR sensor system for voidage monitoring in intermediate sector or passage segment, adjusted to system diameter; contact mat for redundant voidage monitoring possible

Alternative options for IR sensor system
- Additional sensor SRD Vision inclusive cable set

Behaviour after voltage recovery
- Autonomous unmonitored reset

Starting function
- Automatic start by sensor (no door handles required)

Rotary cycle
- 120° (3 wings) or 180° (4 wings)

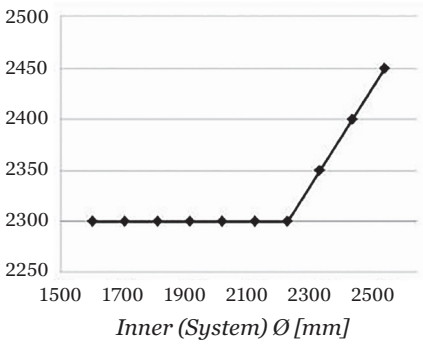
Inner diameter
- 1800mm up to 2500mm (1600mm possible after individual enquiry)

Passage height
- 2200mm up to 2900mm (2200mm possible after individual enquiry)

False acceptance rate
- < 1%

False rejection rate
- < 1,6%

Min. Installation Height [mm]



Subject to the diameter the installation height of the sensor increases in order to monitor the complete space

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