

Description

DaoSafe Modular Optical Swing Speed Gate



Product Summary

The DS212 is a optical modular speed gate system to control pedestrian entry or exit in restricted internal areas

Certification		BIM Assist™	
European Norm	No Harmonised European Norm	CE	
Product Classification	n/a (No Harmonised European Norm)	BC(A)R Assist™*	
EC Certificate of Conformity No.	n/a (No Harmonised European Norm)	Guarantee	
Certifire No.	n/a	3 Years Mechanical	
Declaration of Performance	n/a (No Harmonised European Norm)	Last Reviewed	03/07/2025
Other Test Evidence	n/a	* ROI Only	

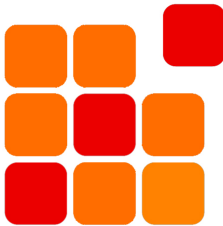
## Description

DaoSafe Modular Optical Swing Speed Gate



### Features

- Optical swing speed gate with two way or one way direction
- Flow rate of 40 people per minute
- Indoor or outdoor (with shelter) use
- Integrates with most access control systems
- Passage width of 600-850mm as standard and up to 900mm as an option
- Lower power consumption of 40w
- Low noise
- Blue, green and red LED indicator display passing status
- Fire safety requirements, arms open automatically (fire alarm interface required)



### Customisation

- Appearance color can be customised based on installation environment
- Dimensions can be customised to meet your request
- Logo can be customised
- Arm width optional
- Arm LED light optional
- Arm material: Plexiglas or glass(optional)
- Infrared sensor optional
- Picture: high resolution and scene picture can be customised

### Technical Characteristics



- Framework material: 304 stainless steel + plexiglas arm + full glass on side
- Arm material: Plexiglas-transparency
- Passage width: 600mm (standard), 850mm (accessible)
- Arm height: 780mm
- Passing direction: Single directional / Bi-directional
- Power supply: AC220V/110V, 50/60Hz
- Operation voltage: 24V DC
- Power consumption: 40W
- Operational temperature: -20°C - +75°C
- Operation humidity: 0 ~ 95% (No condensation)
- Working environment: Indoor / Outdoor (with shelter)
- Flow rate: 40 people per minute
- LED indicator: Two LED indicators on top - green & entry, red × no entry
- Infrared sensor: 4 pairs
- Emergency: Automatic arm open when power off
- Communication: Dry contact, relay signal, RS485
- Integration: Possible with most access control systems



### Two Lane Application

## Description

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## Specification Text

### SENSOR BARRIER / TURNSTILE

- Manufacturer: KCC Group / DaoSafe
- Product reference: KAB-DS212
- Type: DaoSafe Modular Optical Swing Speed Gate
- Flow rate: 40 people per minute
- Passing direction: Single & bi-directional
- Passage width: 600mm (standard), 850mm (accessible)
- Arm height: 780mm
- Working environment: Indoor and outdoor (sheltered)
- Framework material: Grade 304 Stainless Steel
- LED indication: GREEN = entry, RED = no entry
- Power Failure: Automatic arm open when power off
- Communication: Dry contact, relay signal, RS485
- Power supply: AC220V/110V, 50/60Hz
- Operation voltage: 24vDC
- Power consumption: 40W
- Operation temperature: -20 °C to 75 °C
- Operation Humidity: 0 ~ 95% (no condensation)
- Infrared sensor: 4 pairs

