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

European Norm	No Harmonised European Norm
Product Classification	n/a (No Harmonised European Norm)
EC Certificate of Conformity No.	n/a (No Harmonised European Norm)
Certifire No.	n/a
Declaration of Performance	n/a (No Harmonised European Norm)
Other Test Evidence	n/a

BIM Assist™

CE

BC(A)R Assist™*

Guarantee **3 Years Mechanical**

Last Reviewed 03/07/2025

* ROI Only

For the purpose of continual product development, KCC reserves the right to change specifications without notice.
Please accept all dimensions as approximate. E&OE. © KCC Group 2026.

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Description

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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
- Automatic reset function: swing arms will lock automatically within 5s (adjustable) if passenger delays entry
- 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 colour 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

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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

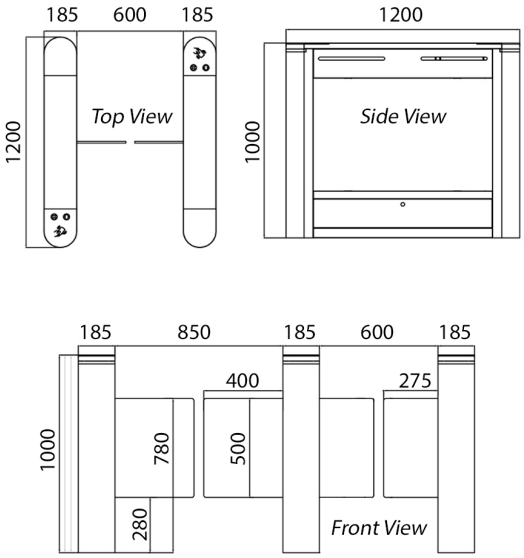
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DaoSafe Modular Optical Swing Speed Gate





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

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