

Description

DaoSafe Quantum Modular Speed Gate System



Product Summary

The DS-Q70 is 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	

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### Applications

- DS-Q70 Quantum speed gate is the fastest open and close speed gate on the market. With 55 persons passing per minute which is perfect for the sites with big visitor's flow rate. Supporting 600mm-1100mm for wide passageway, wheelchair, and pedestrian with large luggage can also pass
- Design with classic black, white color appearance, elegant and timeless pairing, perfect for using at high end applications

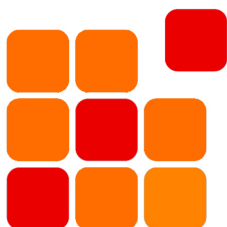
### Features

- Two way or one way working
- Support integrated with any type of access control systems
- 0.1S fast open speed, 55 person/min high throughput
- Passage width can be extended to 1100mm
- Lower power consumption
- Low noise, system runs smoothly
- Green and red LED indicator display passing status
- Indoor use
- Fire safety requirements, arms open automatically
- Easy to install and maintain
- 3 years warranty support



### Customisation

- Appearance color can be customized based on installation environment
- Dimensions can be customized to meet your request
- Logo can be customised
- Arm glass width and height are optional
- Infrared sensor number optional
- Waterproof optional
- Picture: high resolution and scene picture can be customised



## Functions

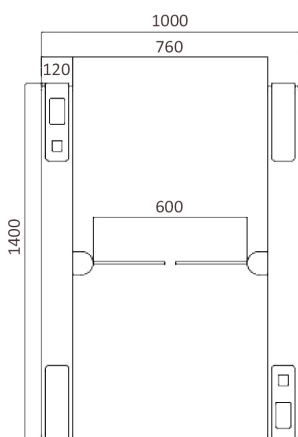


- Infrared sensor alarm function: In case of illegal intrusion and / or reverse intrusion
- Anti-intrusion function: The gate is locked automatically until valid opening signal input
- Anti-reverse function: The turnstile alarms if someone wants to enter in the reverse direction
- Anti-trailing function: The speed gate alarms if someone wants to burst in without permission
- Anti-collision and anti-kick function: Designed with consolidated and more durable mechanism, will not break even someone collides with it
- Mechanism self-protection: The arm will reset automatically in off position. The movement will not be broken or damaged even if hit

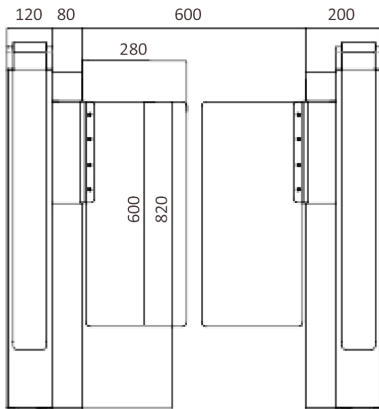
## Technical Characteristics



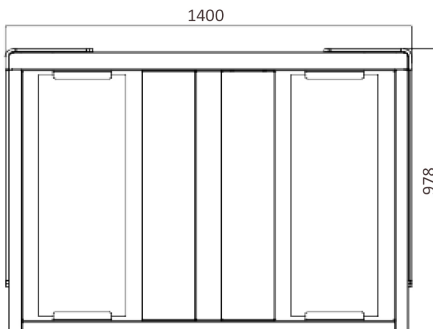
- Framework material: Steel, white and black stoving varnish, tempered glass
- Arm material: Plexiglas-transparency
- Passage width: 600mm (standard), 1100mm (accessible)
- Arm height: 900mm (standard), 1800mm max. (optional)
- Passing direction: Single directional / Bi-directional
- Power supply: AC220V/110V, 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: 55 people per minute
- LED indicator: Two LED indicators on top - green & entry, red × no entry
- Infrared sensor: 4 pairs (standard)
- Emergency: Automatic arm open when power off
- Communication: Dry contact, relay signal, RS485
- Integration: Possible with most access control systems



Top View



**Front View**



**Side View**

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## Specification Text

### SENSOR BARRIER / TURNSTILE

- Manufacturer: KCC Group / DaoSafe
- Product reference: KAB-DSQ70
- Type: DaoSafe Modular Speed Gate System
- Flow rate: 55 people per minute
- Passing direction: Single & bi-directional (selectable)
- Passage width: 600mm (standard), 1100mm (accessible)
- Arm height: 900mm (standard), 1800mm max. (optional)
- Working environment: Internal
- Framework material: 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 (standard)