# Model DS–Q60

## Speed Gate

DS-Q60 Quantum speed gate is the fastest open and close speed gate on the market. Its main tdvantages:

- DS-Q60 short speed gate is tiny and compact designed for small spaces with higher security.
- With 45 persons passing per minute which is perfect for the sites with big visitor's flow rate.
- Support 600mm~1200mm for wide passageway, wheelchair, and pedestrian with large luggage can also pass.
- Support 900~1800mm max. glass height which is perfect for the places where need high security requirement.
- Design with classic black, elegant and timeless pairing, perfect for using at high end applications.

# Features

- Two way or one way working.
- 0.1S fast open speed, 45 person/min high throughput.
- Passage width can be extended to 600~1200mm.
- Lower power consumption.
- Low noise, system runs smoothly.
- Blue, green and red LED indicator display passing status.
- Indoor use.
- Support integrated with any type of access control systems.
- Fire safety requirements, arms open automatically.
- Easy to install and maintain.
- 3 years warranty support.
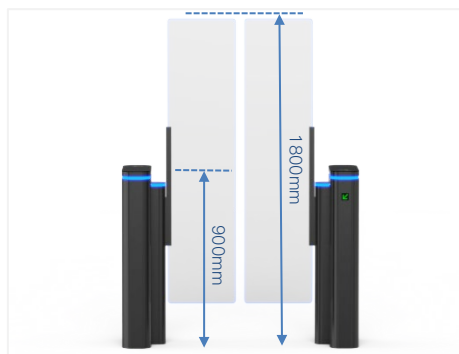
# Customized Service

- Appearance color can be customized based on installation environment.
- Dimensions can be customized to meet your request.
- Logo can be customized.
- Reader mount space can be customized.
- Arm glass width and height are optional.
- Infrared sensor number optional.
- Waterproof outdoor can be customized.
- Picture: high resolution and 3D renderings pictures can be customized.
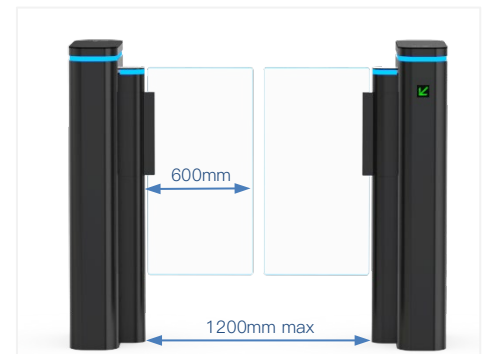
# Functions

- **Infrared sensor alarm function:**
  in case of illegal intrusion and reverse intrusion.

- **Anti-intrusion function:**
  the gate is locked automatically until valid opening signal input.

- **Intelligent Tri-color Status Indicator System:**
  Standby mode displays tranquil blue light, switches to permission green light during authorized passage, instantly triggers warning red light for unauthorized intrusion, provides visual intelligent feedback of device status.

- **Anti-collision and anti-kick function:**
  it designed with consolidated and more durable mechanism, will not break even someone collide it.

- **Mechanism self-protection:**
  the arm will reset automatically if off position. The movement will not be broken or damaged even hit.
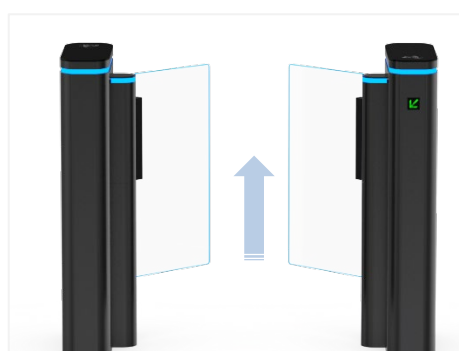


Logo Custom



High Glass Optional



Wide Lane Optional



Color Customization



Fire Safety Requirements, Arms Open Automatically



Anti–kick Function

Card Solution

QR/Bar Code Solution

Biometric Solution

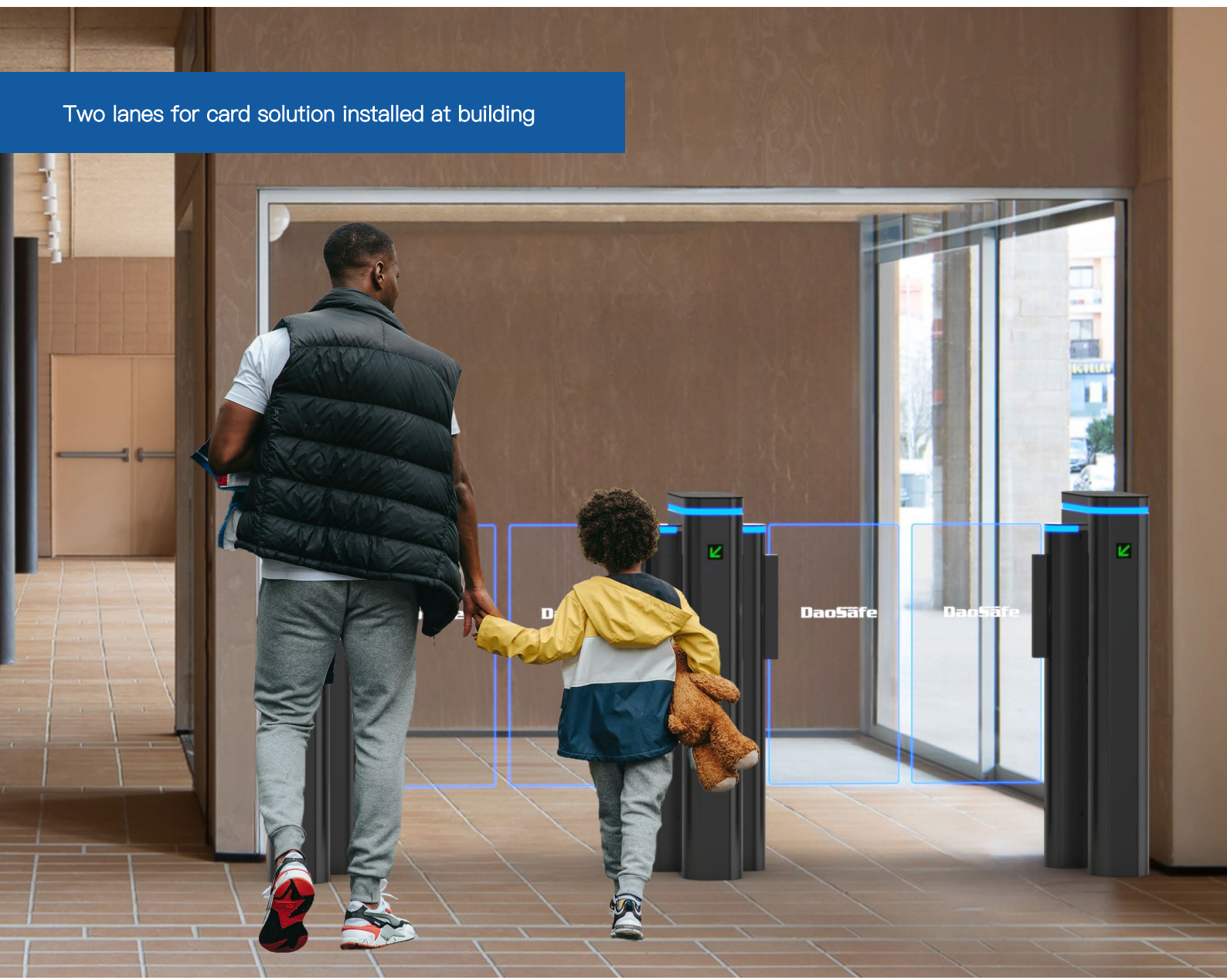Remote Control

Touchless Button

Card

QR Code

Fingerprint

Face

Palm Vein

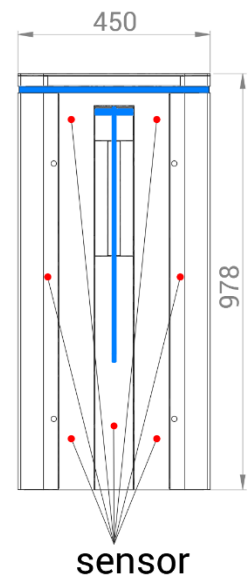## Two lanes for card solution installed at building

## Specifications
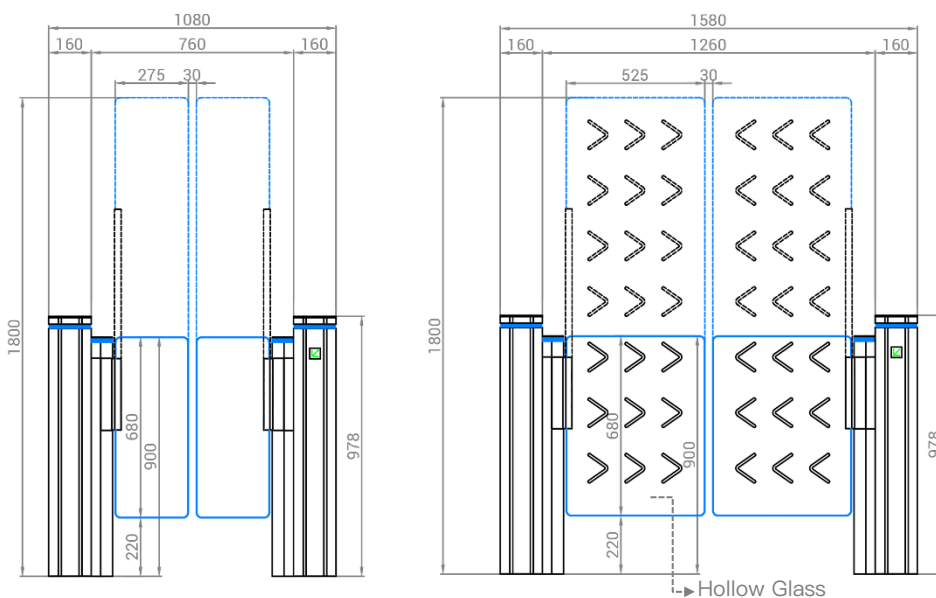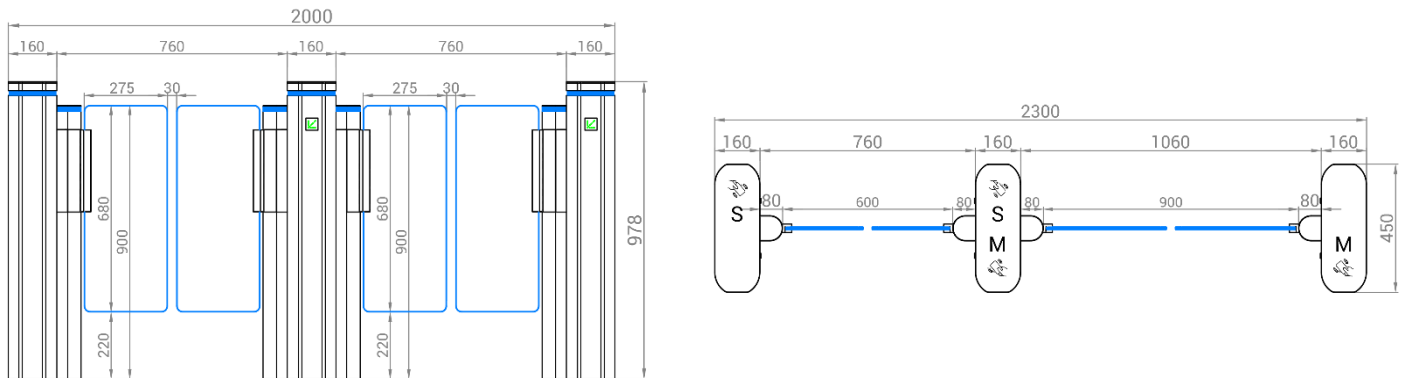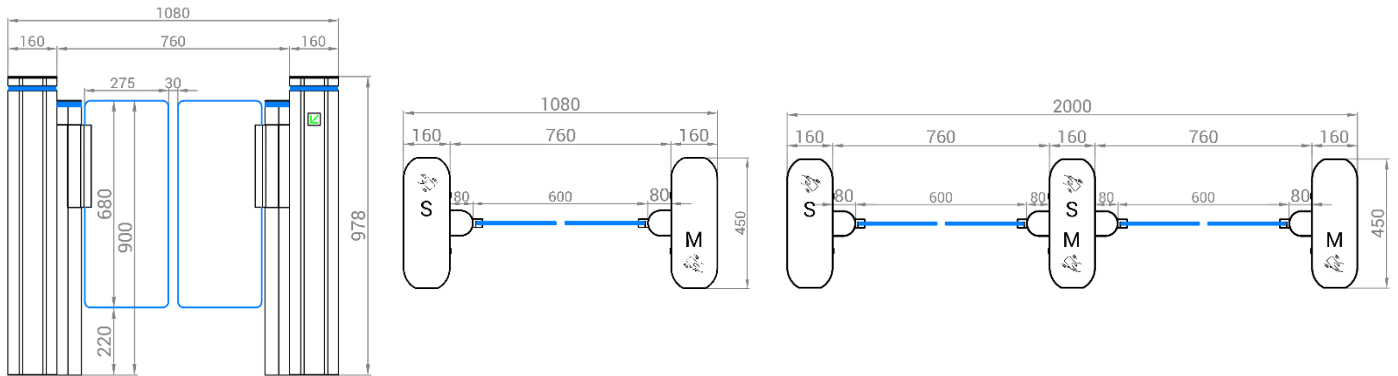
| | |
|---|---|
| Model No. | DS–Q60 |
| Type | Quantum Speed Gate |
| Brand | Daosafe |
| Framework Material | Steel + white and black powder coated<br>Tempered glass |
| Arm material | Plexiglass 10mm (standard)<br>Tempered glass 8mm/10mm (optional) |
| Dimension | 450(L) * 160(W) * 978(H)mm |
| Net Weight | 50kg/pcs (single core), 75kg/pcs (double core) |
| Passage Width | • 600mm (standard)~1200mm (Maximum)<br>• 900mm (recommended disabled lane)<br>• Wider width increases arm size and motor load. |
| Arm Height | • 900mm (standard), 1800mm max. (optional)<br>• For 1800mm(H)+1200mm(W),<br>  need use hollow glass arm to reduce wind resistance. |
| Passing Direction | Single directional/Bi–directional |
| MCBF | 15 million |
| Power Supply | AC220V/110V, 50/60Hz |
| Operation Voltage | 24V DC |
| Power Consumption | 40W |
| Operation Temperature | –20 ˚C ~ 75 ˚C (can be customized) |
| Operation Humidity | 0 ~ 95% (No freeze) |
| IP Level | IP54 (standard), IP65 (can be customized) |
| Working Environment | Indoor/Outdoor (can be customized) |
| Flow Rate | 45 people per minute |
| LED Indicators (Strips) | Blue color: power on, green color: entry, red color: no entry |
| LED Indicator (Front) | Constant Indicator Light: ⬇ (open lane) / ❌ (closed lane) |
| Infrared Sensor | 7 pairs (standard) |
| Card Reader Mount | Under the top of the cabinet<br>Max. dimensions: 100(L) * 60(W) * 25(T)mm (can be customized) |
| Emergency | Automatic arm open when power off |
| Communication | Dry contact, Relay signal, RS485 |
| Flexibility | Integrate with any access control |

# Dimensions

| Parameter | Standard | Recommended (disabled) | Maximum | Note |
|-----------|----------|------------------------|---------|------|
| Passage Width | 600mm | 900mm | 1200mm | Wider width increases arm size and motor load |
| Arm Height | 900mm | / | 1800mm | For 1800mm H and 1200mm W, use hollow glass arms to reduce wind resistance |



Hollow Glass

sensor

One Lane

Three- Lanes with Disabled Access



One lane high glass

Three- Lanes high glass with a disabled access pathway.

Black paint

White paint

Stainless steel material

## High Glass + Disabled Access