



## Model DS-Q20

### Optical Swing Turnstile

DS-Q20 Quantum optical swing turnstile is designed to control pedestrian entry or exit in restricted areas, usually used in high pedestrian traffic flow in both directions. With 1100mm wide passageway, supporting wheelchair, large package and emergency purpose. 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.
- 0.2S fast open speed, 40 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.
- IP65 waterproof level, indoor/outdoor use.
- 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.
- Arm glass width optional.
- Infrared sensor number optional.
- Picture: high resolution and scene picture can be customized.

## Functions

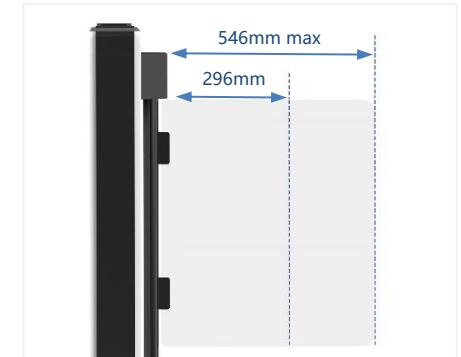
- **Infrared sensor alarm function:** in case of illegal intrusion and reverse intrusion.
- **Anti-intrusion function:** the gate is locked automatically until valid opening signal input.
- **Anti-reverse function:** the turnstile alarms if someone wants to entry in the reverse direction.
- **Anti-trailing function:** the speed gate alarms if someone wants to burst in without permission.
- **Anti-collision and anti-kick function:** 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



Fire Safety Requirements,  
Arms Open Automatically



Wide Lane Optional



Anti-kick Function



Anti-reverse Function

## Access Control System

Daosafe turnstile gates can be well integrated with any 3<sup>rd</sup> party access control systems



Card Solution



QR/Bar Code Solution



Biometric Solution



Remote Control



Touchless Button



Card



QR Code



Fingerprint



Face



Palm Vein

Three lanes for card solution installed at apartment

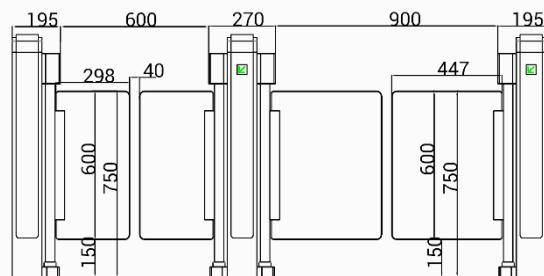


## Specifications

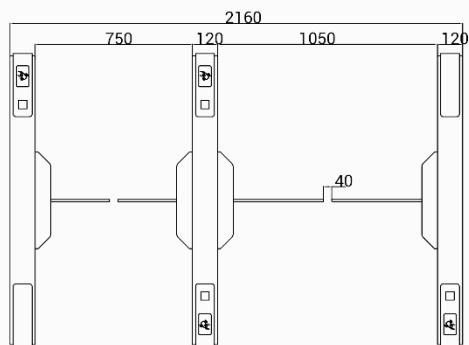
|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Model No.             | DS-Q20                                                      |
| Type                  | Quantum Optical Swing Turnstile                             |
| Brand                 | Daosafe                                                     |
| Framework Material    | Steel<br>White and black stoving varnish<br>Tempered glass  |
| Arm material          | Plexiglas-transparency                                      |
| Dimension             | 1400*120*978mm                                              |
| Net Weight            | 65kg/pcs (single core),<br>85kg/pcs (double core)           |
| Passage Width         | 600mm (standard), 1100mm (wide lane)                        |
| Passing Direction     | Single directional/Bi-directional                           |
| MCBF                  | 10 million                                                  |
| Power Supply          | AC220V/110V, 50/60Hz                                        |
| Operation Voltage     | 24V DC                                                      |
| Power Consumption     | 40W                                                         |
| Operation Temperature | -20 °C - 75 °C                                              |
| Operation Humidity    | 0 ~ 95% (No freeze)                                         |
| Working Environment   | Indoor/Outdoor (shelter)                                    |
| Flow Rate             | 40 people per minute                                        |
| LED Indicator         | Two LED indicators on top:<br>green → entry, red × no entry |
| Infrared Sensor       | 6 pairs (standard)                                          |
| Emergency             | Automatic arm open when power off                           |
| Communication         | Dry contact, Relay signal, RS485                            |
| Flexibility           | Integrate with any access control                           |

## Dimensions

Front View



Top View



Side View

