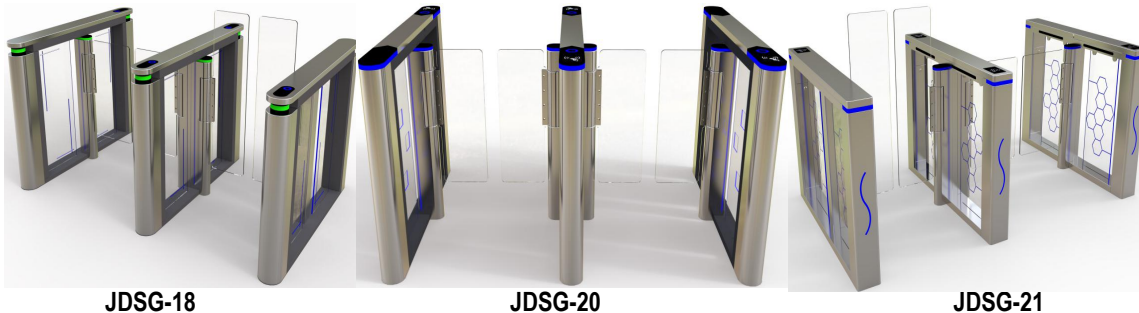




Jayda Industry Co., Limited

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Speed Gate



JDSG-18

JDSG-20

JDSG-21

General Description

Housing

Made from #304 stainless steel sheet and sharp angles and protrusions completely eliminated, it gives users the max protection against hurt. Meanwhile, dust / waterproof hinged locked cover provides maximum access to the controller and other mechanism, thus easy to debug and maintain if any problems occur. Finally, the support is equipped for optional access control devices, such as card reader, fingerprint reader, facial recognition system

Control Board

DIP switch is equipped on the control board, by which users are able to program the operational status freely, e.g. work mode, open/close time, etc. There are some LED indicators on the controller which indicate working status, by which users are easy to find out problems and solutions.

Wide Integration

Jayda swing gates are equipped with standard interfaces for connection with different access control systems. Because of wide integration, users are free to use different access devices to customize special passage control systems.

Safety

A series of optical photocells are used to monitor all the pedestrian. The gate will not close until pedestrians leave. Any attempts to defraud such as intrusion, wrong-way and tailgating will trigger alarm signal. Anti-pinch and anti-collision functions are provided by the gate, if there is any obstacle in the channel when closing, the motor will automatically stop working within specified time and the baffle will reset again after default delay. In case of power failure or in an emergency, the gate will open to release the passage.

Features

1. Made of high quality #304stainless steel
2. LED lane status and direction indicator lights
3. Built-in intelligent PLC controller
4. Easy integration with any type of identification or authorization system
5. Unidirectional or bi-directional pass
6. Auto open and free access when power off
7. Traffic light indicator
8. The passage will be locked up again if pedestrain does not pass in valid time;
The valid passing time can be set up from PLC controller

Technical Parameters	
Housing Material	#304 stainless sheet
Dimensions	1400*150*980mm (JDSG-18); 1400*120*980mm (JDSG-20); 1400*160*980mm (JDSG-21);
Start-up time	3 seconds
Open Time	0.2 seconds
Direction	Unidirectional or bi-directional pass
Working Environment	Indoor or outdoor
IP Rate	IP45
Pass Speed	35-45 persons per minute
Life cycle	>5 million times
Working Temperature	Indoor or outdoor (with shelter)-10°C-50°C, Relative humidity:<=90%, no condensation
Input Interface	Dry contact signal or +12V level signal or DC12V pulse signal with a width of more than 100ms. Driving current: > 10mA
Working Voltage	AC110/220 ±10% V/50 ±10% HZ (specify before manufacturing)
Motor Type	Servo motor 24V 100W or DC24V brushless motor
Power Consumption	10A
Communication Interface	RS485, TCP/IP
Weight	40 kgs

System Diagram

