

SPECIFICATION



SPG257 LINE SWING BARRIER



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Description

Introducing the innovative SPG257, an essential swing barrier designed for pedestrian access control. Acrylic door panel will swing open automatically once an authorization signal is received from access controller system. Swing door panel can be changed to achieve lane width up to 900mm for comfortable and accommodating pass-through for users with luggage or trolley.

Through focusing on core functionality and streamlined build, SPG257 is designed to provide a cost-effective and robust solution for managing pedestrian traffic.

Features

✓ **Reliable**

Brushless motor drive delivers low noise and smooth operation. The absence of mechanical limit switches and carbon brush improves service lifespan and simplified maintenance.

✓ **Effective and Functional**

Smart controller board with LCD screen is operator-friendly. Standard features including consecutive access memory, multiple operation modes, and auto-close delay are all available to facilitate effective pedestrian access control.

✓ **Double Safety**

6 pairs of infrared sensors will detect passage sequence and prevent accidental closing. Coupled with smart algorithm, motor will reverse upon detecting an obstructing force on the door panel, minimizing risks of injury.

✓ **Emergency Evacuation**

SPG257 will automatically open in case of power-loss, or can be configured to open immediately when fire alarm signal is received.

✓ **Illegal Access Alarm**

During unauthorized events (e.g. illegal or reverse ingress), buzzer alarm will be triggered for caution and alert.

✓ **User Friendly**

RGB user guidance light is available on both sides and the door panel to intuitively guide the user into the passage through colour switching.

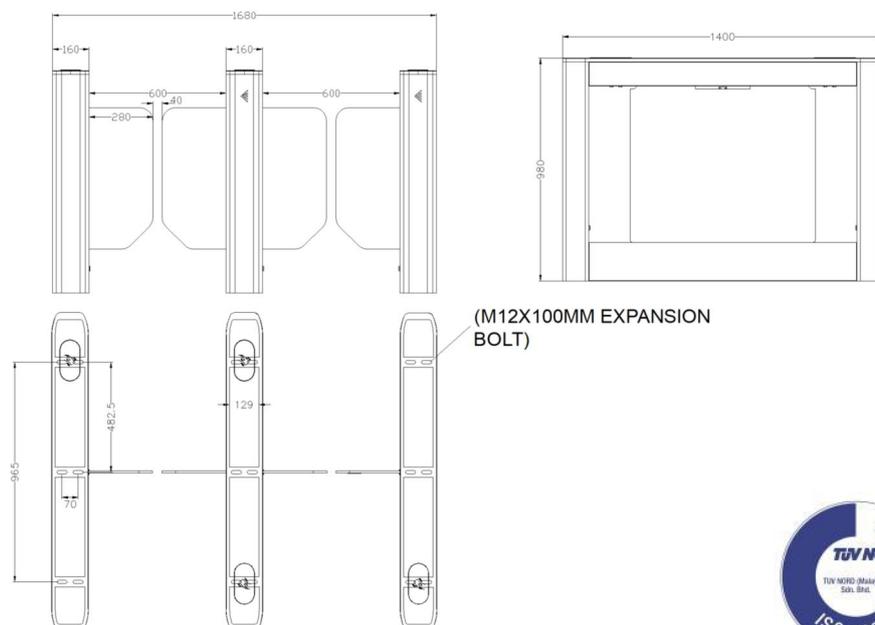
✓ **Easy Integration**

SPG257 can be integrated with any access control terminal through dry contact.

Technical Parameter

Description	Parameters
Body Material	Stainless Steel SUS304
Passage Width	600mm (Standard) up to 900 max. (Accessibility Lane)
Door Opening / Closing speed	Programmable, >0.6s dependant on lane width
Optimal Flow Rate	Up to 35 person per minute
Power Supply	AC220/110V±10%, 50/60Hz
Power Consumption	<150W (Operational)
Motor	DC Brushless Motor, 24V
Input Connection	Dry contact pulse
Working Environment	Indoor and sheltered outdoor
Working Temperature	-20°C - 70°C
Relative Humidity	≤ 90%, non-condensing
Door Material	Acrylic
IP Rating	IP 54
MCBF	>5 million cycles

Dimension



***Product performances is based on testing in a controlled environment. Your result may vary due to several external and environment factors.**

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