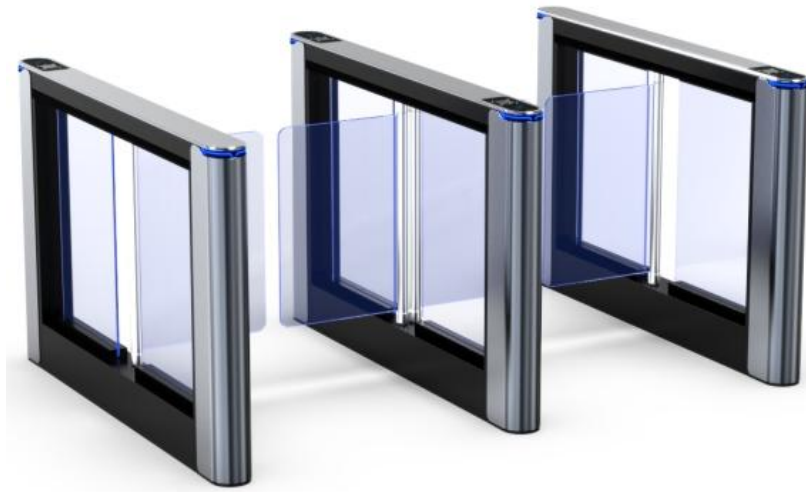


SPECIFICATIONS



SPG431 NEO SWING BARRIER



SPG431 NEO SWING BARRIER

Description

MAG latest innovative pedestrian gate, the Aluminium Swing Barrier series SPG431, elevates building entrance with its premium design. Crafted from a combination of aluminium alloy and powder-coated steel, both finished with a premium texture, SPG431 exudes a high-end, contemporary feel that seamlessly integrates into any modern environment.

SPG431 is remarkably slim with its 120mm housing. With all motor mechanisms ingeniously contained within, its sleek profile also maximizes passage width and ensures a minimal installation footprint.

Beyond its compact elegance, the SPG431 also facilitates an impressive passage rate with its sub 1-second opening speed. The powerful servo controlled brushless motor drive enables swift and silent passage without the need for extensive maintenance, safeguarding your building entrance for years to come.

Features

Intuitive User Guidance: Acrylic door panel with LED edge lighting effect and LED indicators provide clear visual cues for seamless navigation.

Enhanced Passage Options: Supports up to 550mm panels for lane widths up to 1.1m, ensuring comfortable wheelchair access.

Comprehensive Safety: Features six pairs of IR sensors to effectively detect tailgating and prevent pinching or accidental collisions. A dual safety mechanism with motor auto-release further minimizes collision damage.

Advanced Control: The function-rich main board is flexible enough to support various operation requirements, displaying status and error codes for easy troubleshooting.

Flexible Operation Modes: Supports multiple access memory, IR sensor-triggered auto-opening, and single or bi-directional access.

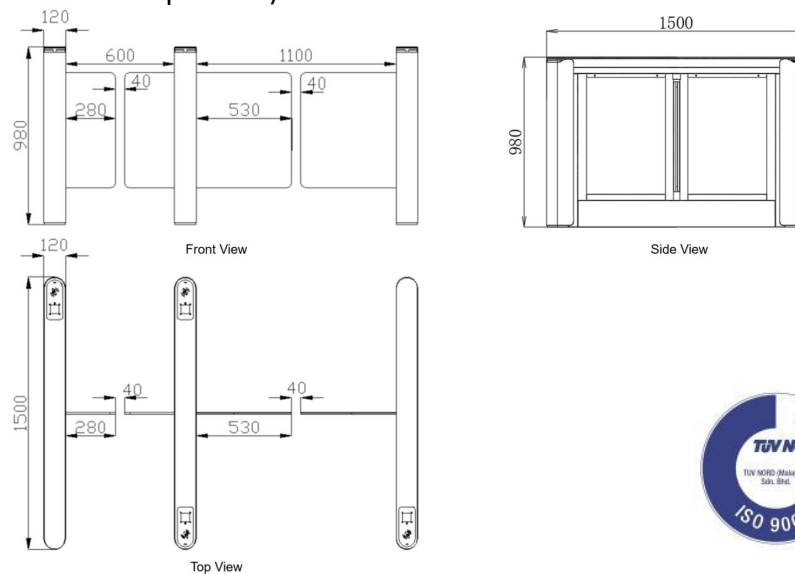
Emergency Readiness: Ensures safety during emergencies by either accepting a fire alarm dry contact signal for immediate and sustained opening, or by cutting off power to activate power-loss auto-open.

Technical Parameter

Description	Parameters
Body material	Powder coated mild steel (SPCC) Aluminium alloy top and side cover Tempered glass body panel
Door dimension (Single Panel, Standard Size)	280mm(W) x 646mm(H)
Door opening / closing speed	Programmable, min 0.5s
Optimal flow rate	Up to 30 people per minute (NC) Up to 50 people per minute (NO)
Power supply	AC110V to 240V, 50/60Hz
Power consumption	<24W (Standby), <150W (Operational)
Motor	DC Brushless Servo Motor, 24V
Input connection	Dry contact
Working environment	Indoor only
Working temperature	-15°C - 55°C
Relative humidity	≤ 90%, non-condensing
Passage width	Up to 1.1m
Gate door material	Acrylic, 10.0 ± 0.6 mm thick
Cabinet dimension	1500(L) x 120(W) x 980(H) mm
MTBF	10 million cycles

Technical Drawing

(Dimension in mm unless specified)



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

© COPYRIGHT 2025. This documentation served as a reference only. It is subject to change without further notice. All the diagrams and information in this documentation may not be duplicated or modified in any form without the written approval from the management.