

AL 933

Technical datasheet

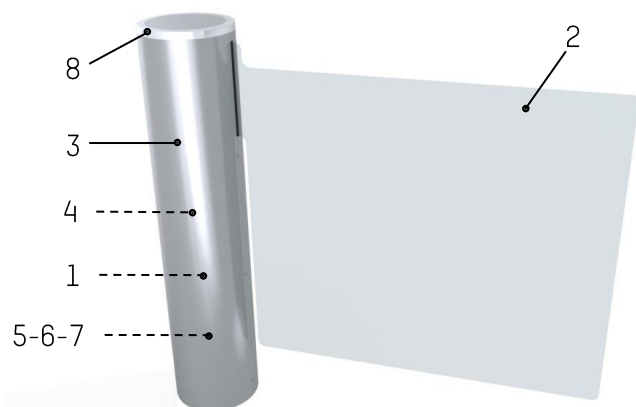
NAM-AL933-FT-EN-B

 **AccessLane**

 **AUTOMATIC
SYSTEMS**

Access controlled...
Future secured

DESCRIPTION



The AL 933 single swing gate facilitates the passage of people with reduced mobility (wheelchair users, service staff with trolleys, bulky equipment, etc.) as well as the evacuation of the building in case of an emergency.

With its transparent, elegant design and minimal footprint, the AL 933 is designed to integrate perfectly into any architectural style.

The AL933 single swing gate offers a high bidirectional throughput.

The AL933 is a modular product that can be used in the following different configurations:.

- Alone facing a wall or a guardrail.
- Facing each other (independent operation),
- Facing each other (simultaneous operation),
- In conjunction with security entrance lanes or turnstiles.

1. Self-supporting kinematic steel frame with RoHS anti-corrosion zinc plating treatment. The frame contains the electromechanical drive assembly for the swinging obstacle and the electronic control boards.
2. Clear, 3/8 in (10 mm) thick tempered monolithic glass obstacle, swings in the direction of user passage.
3. Brushed #4 AISI 304L stainless steel housing, folded and welded panels for easy access to the electromechanical and control logic units.
4. Electromechanical drive unit consists of :
 - A DC permanent magnet motor with an epicyclical gearbox.
 - An encoder.
 - A power supply board managed by the control logic unit.
5. Logic control board is equipped with ARM Cortex A8 technology and a Linux operating system, to ensure advanced traffic management. An embedded web server, accessible through a web browser, offers an interface for the configuration of functional gate parameters, as well as a complete diagnostic and maintenance tool. The Maintenance Interface is common to multiple Automatic Systems products and greatly facilitates product maintenance.
6. Transfer of information with the outside world with XML-RPC protocol via an Ethernet interface. The AccessLane can also be controlled from the Smart n' Slim monitoring panel.
7. Transfer of information by dry contacts: passage authorization, passage information, fraud, equipment failure ...
8. Orientation and functional pictograms indicate the gate and passage status to the user.

STANDARD TECHNICAL CHARACTERISTICS

Power Requirement	1A @ 120VAC
Consumption per lane	15 W during operation (< 10 W at rest)
Motor	24 VDC – output power 30 W
Passageway (L)	36 in (914mm)
Min. opening and closing times.	4 sec. <i>(Depending on the access control system security and the speed of users.)</i>
Ambient operating T°	14 to 122 °F (-10° to +50°C)
Ambient relative humidity in operation	< 95%, no condensation.
MCBF	5,000,000 mean cycles between failures, in compliance with recommended maintenance
Sound level	55 dB to 1m
Weight	122 lbs (55 kg) (without obstacle). Obstacles: 46lbs (21kg)
IP	44
Certification	as per CAN/CSA SPE-1000

OPTIONS

- 1 High glass option : 47" [1194mm]
- 2 Monitoring Panel
- 3 Customized logo on obstacles
- 4 Custom finishes
- 5 Raised base



For restrictions regarding the options, refer to the unit type

WORK NOT INCLUDED

- 1 Floor mounting
- 2 Power Supply
- 3 Wiring between lanes of a single group
- 4 Wiring to external peripheral equipment
- 5 Integration of accessories



For restrictions regarding the options, refer to the unit type and follow the installation plan

STANDARD DIMENSIONS (inches/mm)

OBSTACLE HEIGHT		
A	35 $\frac{7}{16}$ " [900mm]	STD
B	47" [1194mm]	OPT

