

SL900-910

Technical datasheet

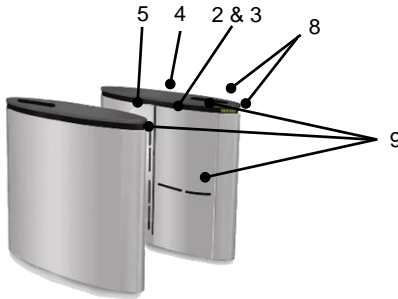
NAM-SL 900-910-FT-EN-C

AUTOMATIC
SYSTEMS

Access controlled...
Future secured

SmartLane

SmartLane 900



SmartLane 910



The SmartLane 900 and 910 Security Entrance Lanes provide a high level of bidirectional access control without compromising user safety. The units optimize the use of floor space while ensuring ease of passage.

- UL 325 certified, which ensures additional user safety
- High-performance detection system to eliminate unauthorized use and false alarms
- The wide walkway of the SmartLane 910 is adapted to the mobility-impaired and is ideal for wheelchairs, large carts or wide objects

DESCRIPTION

1. **Self-supporting frame** (made from galvanized steel) with leveling screws.
2. **Housing made of stainless steel 304**, brush finish #4.
3. **Removable side panels with lock.**
4. **Black Arborite top cover.**
5. **Retractable obstacle** made of ½-in (12-mm) thick clear tempered glass.
6. **Electromechanical unit consisting of:**
 - A three-phase asynchronous reduction motor
 - A secondary transmission with crankshaft/rod device ensuring perfect mechanical locking in both end positions
 - A device to automatically open the moving glass obstacles in the event of a power failure
 - A variable speed controller ensuring progressive accelerations and gradual decelerations for vibrationless movement and increased user safety
 - An inductive sensor controlling the position of the moving glass obstacle
7. **24 VDC controls through a factory-programmed industrial programmable logic controller (PLC)** linked to the sensor via a CAN-BUS network.




8. **Bright pictograms** direct users through the lane, providing orientation and functional guidance.
9. **Detection by Automatic Systems' exclusive DIRAS system** consisting of infrared transmitter/receiver photocells to maximize fraud and passage detection.

SL900-910

Datasheet
NAM-SL 900-910-FT-EN-C



STANDARD TECHNICAL CHARACTERISTICS

Input power	120 VAC / 60 Hz (with ground)
Consumption	250 W (nominal) - 600 W (max.)
Motor	Three-phase 240 V / 120 W controlled by frequency inverter.
Operating temperature	32°F to 113°F (0°C to 45°C)
Max throughput ⁽¹⁾	60 people/min.
Certification	 As per UL 325

⁽¹⁾ Best conditions: depends on validation speed of the access control system

	SmartLane 900	SmartLane 910
Passageway	23 in (584 mm)	36 in (914 mm)
Weight	300 to 510 lb (135 to 230 kg)	400 to 550 lb (180 to 250 kg)
Opening speed	0.7 s	0.8 s
Closing speed	0.8 s	1.0 s
ADA compliant	No	Yes

WORK NOT INCLUDED

- Performing the electrical interconnection and connections to the power grid
- Performing the connections to the access control systems
- Anchoring the equipment with the appropriate hardware for your floor type

All work should be performed as per the implementation and interconnection diagrams provided

OPTIONS

1. Custom top cover
2. Card reader integration⁽²⁾
3. Barcode reader integration
4. Moving glass obstacle 47 in or 67 in (1194 mm or 1700 mm) high with a fixed glass obstacle of matching height
5. Corporate logo on glass obstacles
6. Emergency push-button to open moving glass obstacles
7. Moving glass obstacles with protective silicone edge
8. Sound module that plays recorded MP3 files
9. Ramp for cabling between pedestals
10. Maintenance panels 5.7 in (145 mm) – MP 38
11. Monitoring panel. (Smart'n Slim / manual CP)

⁽²⁾ Number of concurrent readers only limited by space or interference



For restrictions on options please speak to your sales representative.
Refer to the installation drawing.

STANDARD DIMENSIONS (INCHES & MM)

