

SL902-912

Technical datasheet

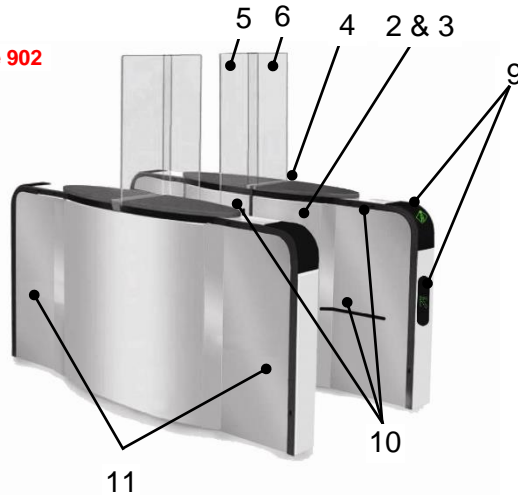
NAM-SL 902-912-FT-EN-C

AUTOMATIC
SYSTEMS

Access controlled...
Future secured

←**SmartLane**→

SmartLane 902



SmartLane 912



With two extensions and tall glass obstacles, the SmartLane 902 and 912 Security Entrance Lanes provide the highest level of optimization between throughput and security combined with enhanced user ergonomics, improved user safety, all while identifying fraud attempts and eliminating tailgating.

- 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 912 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** with stainless steel around the fixed glass obstacle.
5. **Retractable obstacle** made of ½-in (12-mm) thick clear tempered glass.
6. **Fixed obstacle** made of ½-in (12-mm) thick clear tempered glass.
7. **Electromechanical unit consisting of:**
 - A three-phase asynchronous reduction motor
 - 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
8. **24 VDC controls through a factory-programmed industrial programmable logic controller (PLC)** linked to the sensor via a CAN-BUS network.
9. **Bright pictograms** direct users through the lane, providing orientation and functional guidance.



10. **Detection by Automatic Systems' exclusive DIRAS system** consisting of infrared transmitter/receiver photocells to maximize fraud and passage detection.
11. **Extension that provides more space** for options and reader integration at the entry and exit as well as 66% increased detection.

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 access control system

| | SmartLane 902 | SmartLane 912 |
|---------------|-------------------------------|-------------------------------|
| Passageway | 23 in (584 mm) | 36 in (915 mm) |
| Weight | 400 to 575 lb (180 to 260 kg) | 485 to 640 lb (220 to 290 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 obstacles 47 in or 39 in (1194 mm or 970 mm) high with a fixed glass obstacle of matching height [glass height over 39 in (970 mm) only]
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)

