‹‹SmartLane®››

Barrier Optical Turnstiles

c(UL)us

ETHERNET IP

WARRANTY 5 YEAR
*On SlimLane and SmartLane models

pedestrian

‹‹SmartLane®››

AS AUTOMATIC SYSTEMS

Access controlled...
Future secured

«‹SmartLane®›»

SmartLane Security Entrance Lanes are ideal for applications requiring secure bidirectional passage control where safety and throughput are key.

▲ SAFETY

- UL 325 listed to ensure user safety
- Enhanced detection provided in the user safety zone
- Mechanical opening in case of emergency or power outage
- Safe retractable tempered glass panels
- Soft protective silicone glass edge (option)

▲ RELIABILITY

- High throughput: up to 60 users/minute
- Third generation of security entrance lanes based on nearly 5 decades of experience and over 90 million daily users
- Long life cycle and low cost of ownership
- Proven reliability: more than 25,000 lanes operating in demanding applications
- 5 year warranty

▲ AESTHETIC

- Streamlined and elegant oval design that blends seamlessly into any environment
- Precise backlit pictograms for optimized pedestrian flow
- Quality assembly and detailed manufacturing

▲ CUSTOMIZATION

- Combination of standard and wide security entrance lanes allow you to configure the installation
- Aesthetics and functional customization to meet your specific needs
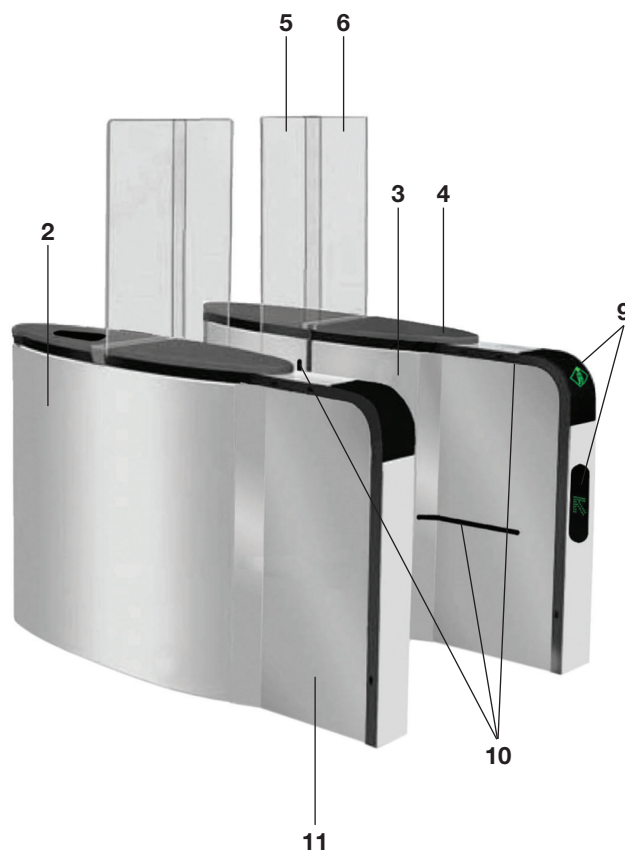- Vast selection of options and accessories

▲ SECURITY

- High-performance detection system to eliminate unauthorized use and false alarms
- Fast retractable glass obstacles
- Glass obstacles available in different heights to efficiently block unauthorized passage
- Mechanical locking to prevent forced manual opening

SMARTLANE 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 for SL 9x1 and SL 9x2).

5. Retractable obstacle made of ½ in (12 mm) thick tempered glass.

6. Fixed obstacle made of ½ in (12 mm) thick tempered glass.

7. 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 obstacles

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.
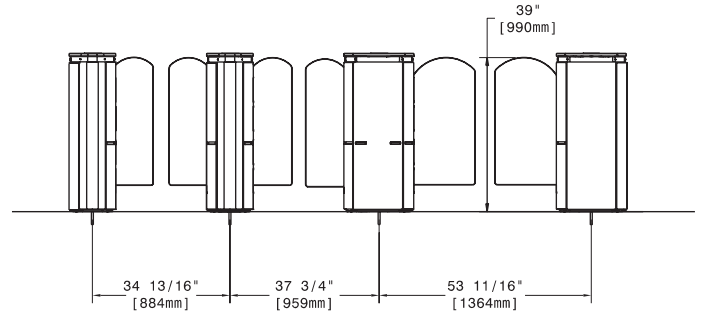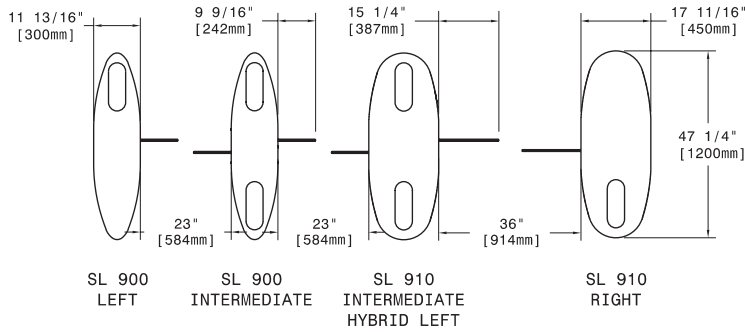
10. Detection with Automatic Systems' exclusive DIRAS system consisting of infrared transmitter/receiver photocells to maximize fraud and passage detection.

11. Extensions that provide more space for options and reader integration at the entry and/or exit, as well as 66% increased detection.
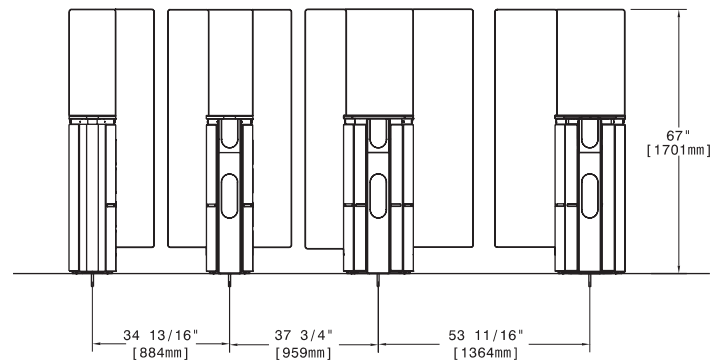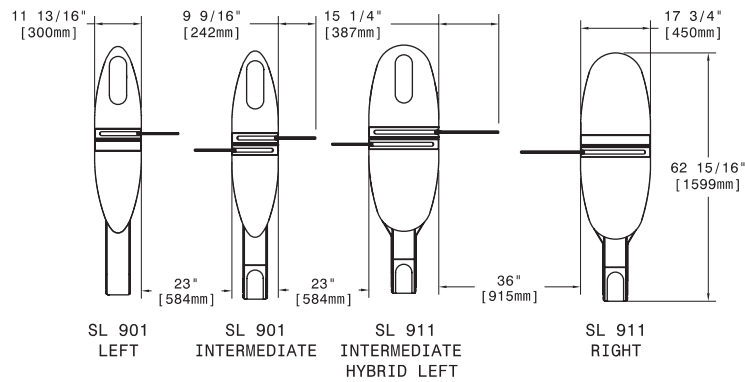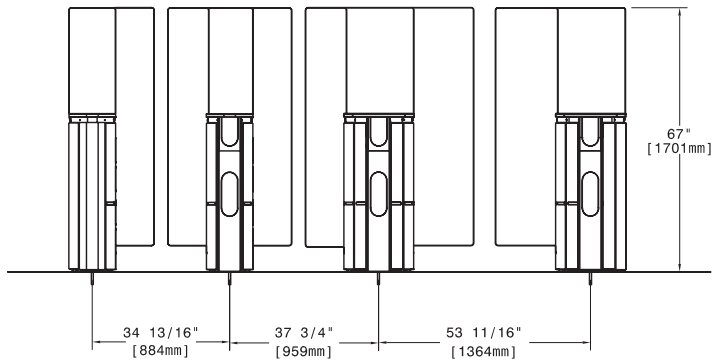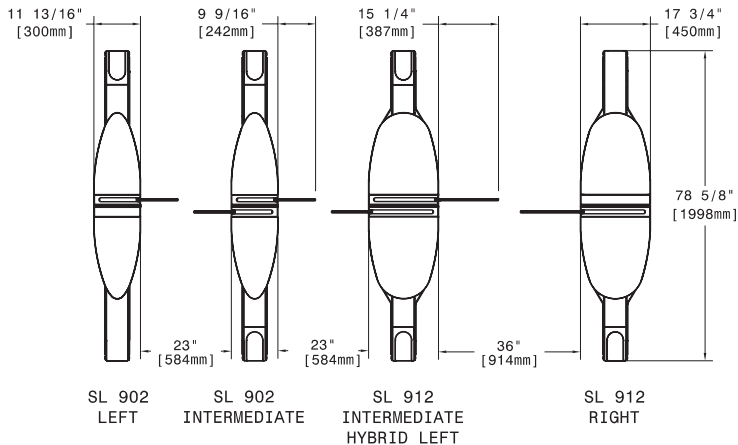
▲ STANDARD SMARTLANE DIMENSIONS

SMARTLANE 900 / 910

11 13/16" [300mm]	9 9/16" [242mm]	15 1/4" [387mm]	17 11/16" [450mm]	39" [990mm]

47 1/4" [1200mm]

23" [584mm]   23" [584mm]   36" [914mm]

SL 900 LEFT   SL 900 INTERMEDIATE   SL 910 INTERMEDIATE HYBRID LEFT   SL 910 RIGHT

34 13/16" [884mm]   37 3/4" [959mm]   53 11/16" [1364mm]

SMARTLANE 901 / 911

11 13/16" [300mm]   9 9/16" [242mm]   15 1/4" [387mm]   17 3/4" [450mm]

62 15/16" [1599mm]

67" [1701mm]

23" [584mm]   23" [584mm]   36" [915mm]

SL 901 LEFT   SL 901 INTERMEDIATE   SL 911 INTERMEDIATE HYBRID LEFT   SL 911 RIGHT

34 13/16" [884mm]   37 3/4" [959mm]   53 11/16" [1364mm]

SMARTLANE 902 / 912

11 13/16" [300mm]   9 9/16" [242mm]   15 1/4" [387mm]   17 3/4" [450mm]

78 5/8" [1998mm]

67" [1701mm]

23" [584mm]   23" [584mm]   36" [914mm]

SL 902 LEFT   SL 902 INTERMEDIATE   SL 912 INTERMEDIATE HYBRID LEFT   SL 912 RIGHT

34 13/16" [884mm]   37 3/4" [959mm]   53 11/16" [1364mm]

▲ DETECTION SYSTEM

The SmartLane detection system means serious security

• High-performance detection system with a low False Rejection Rate (FRR) and False Acceptance Rate (FAR)

• Horizontal rows of sensor bands that recognize the shape of each passing user

• Detection sensors near moving obstacles ensure enhanced user safety

• Optimal balance between fraud detection and throughput

▲ OPTIONS

1. Custom top cover

2. Card reader integration*

3. Barcode reader integration

4. 47 in or 67 in (1194 mm or 1700 mm) mobile glass obstacles with a fixed glass obstacle of matching height

5. Corporate logo on glass obstacles

6. Custom finish on housing

7. Custom stone top covers

8. Weight sensors for enhanced jump over detection

9. Emergency push-button to open mobile glass obstacles

10. Protective silicone edge on mobile glass obstacles

11. Sound module that plays recorded WAV files

12. Ramp for cabling between pedestals

13. Maintenance panel 3.8 in (97 mm) – MP 38

*Number of concurrent readers only limited by space or interference

▲ WHAT ARE THE BENEFITS?

• Automation of pedestrian access control

• Restricts access to secured zones

• Employee and visitor entry/exit tracking

• Reduced need for manned entrance

• Meets highest safety standards

▲ SMART N' SLIM

A true control center, the Smart n' Slim Monitoring Panel manages multiple Security Entrance Lanes, regardless of where the units are located.

The Smart n' Slim Monitoring panel is a flexible command center and allows for visualization, control, and consultation.

SMART N' SLIM TOWER STYLE SERVER

SMART N' SLIM 20" TOUCHSCREEN
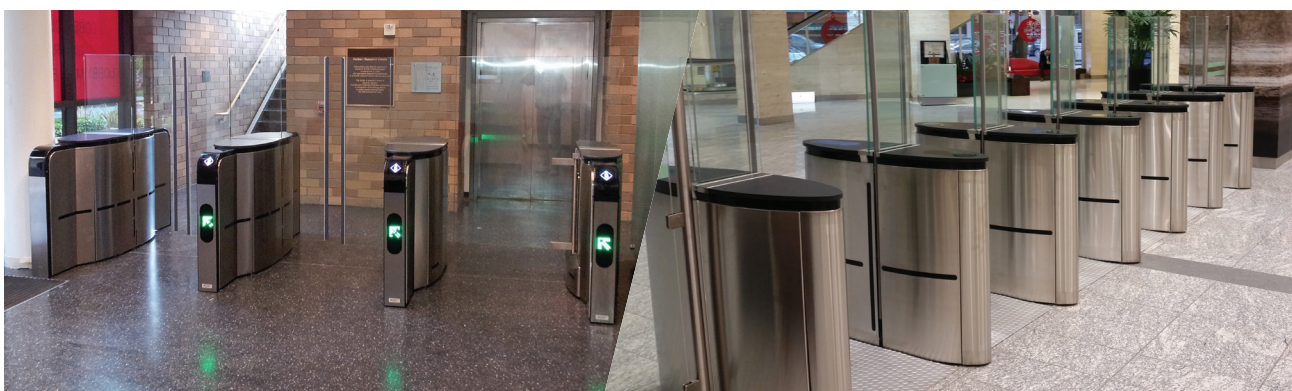

SMART N' SLIM RACK MOUNT SERVER
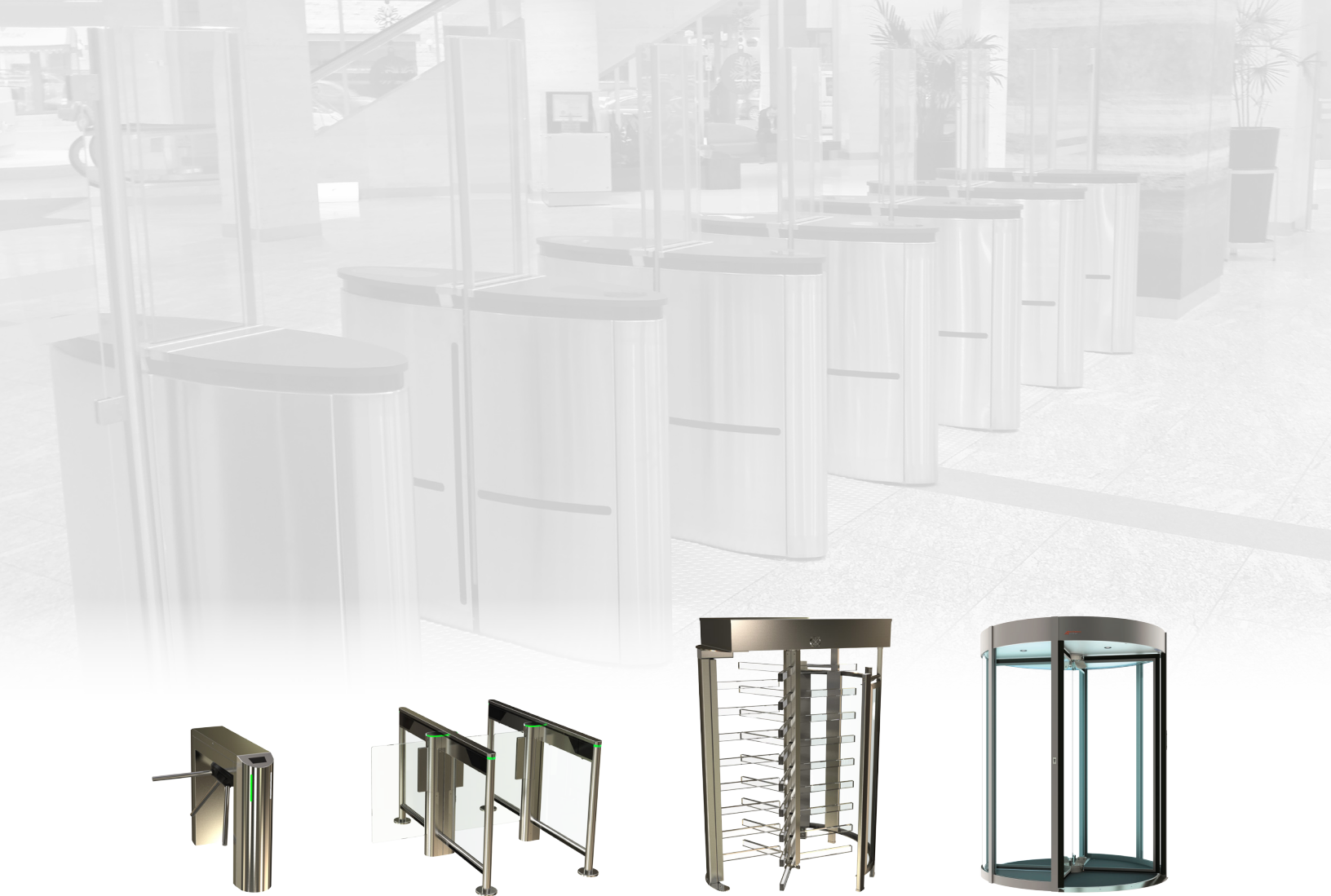

▲ PUSH BUTTON CONTROL PANEL

The push button control panel is an economical tool that connects to various turnstile units (1 to 8 lanes).

• Provides limited but quick control command of the turnstiles.

• Informs guard if a violation is detected.

▲ ADDITIONAL PEDESTRIAN PRODUCTS AVAILABLE

c(UL)us ETHERNET/IP WARRANTY 5 YEAR

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AUTOMATIC SYSTEMS

Access controlled...
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