# <<SmartLane>>

Barrier Optical Turnstiles













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

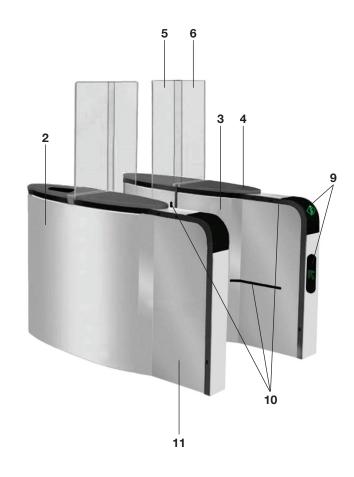
- Self-supporting frame (made from galvanized steel) with leveling screws
- 2. Housing made of stainless steel 304, brush finish #4
- 3. Removable side panels with lock
- **4.** Black Arborite top cover (with stainless steel around the fixed glass obstacle for SL 9x1 and SL 9x2)
- 5. Retractable obstacle 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
- Bright pictograms direct users through the lane, providing orientation and functional guidance





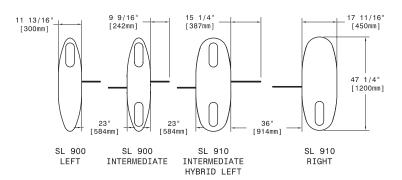
- 10. Detection with Automatic Systems' exclusive DIRAS system consisting of infrared transmitter/receiver photocells to maximize fraud and passage detection
- Extensions that provide more space for options and reader integration at the entry and/or exit, as well as 66% increased detection

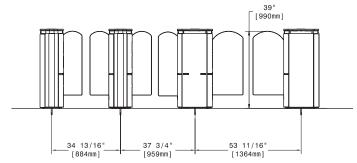




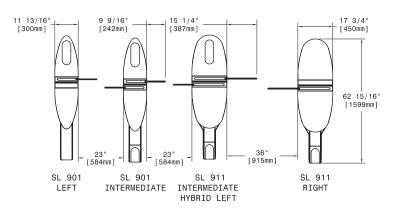
## ▲ STANDARD SMARTLANE DIMENSIONS

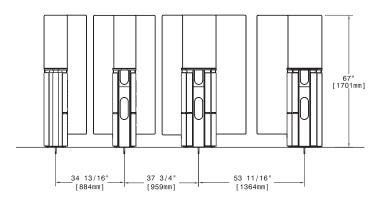
#### **SMARTLANE 900 / 910**



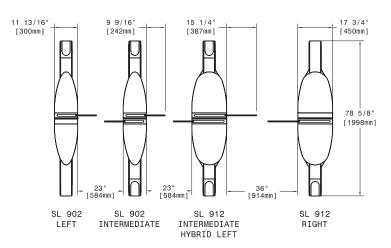


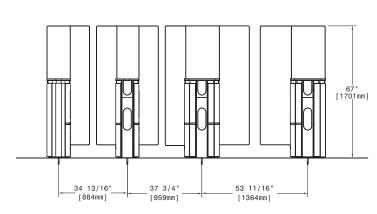
#### SMARTLANE 901 / 911





#### SMARTLANE 902 / 912







## **▲ 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

- 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 20" TOUCHSCREEN



#### SMART N' SLIM TOWER STYLE SERVER



SMART N' SLIM RACK MOUNT SERVER



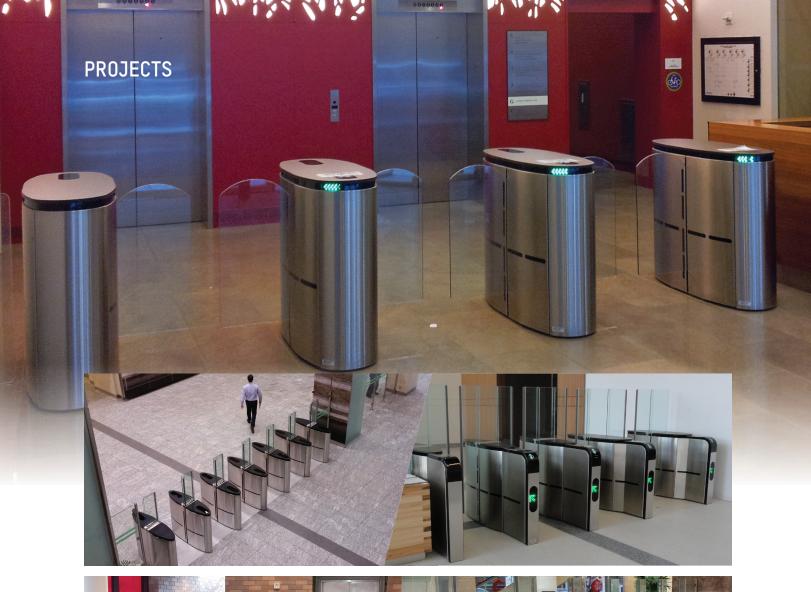
# ▲ PUSH BUTTON CONTROL PANEL

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







# SYSTEMS

Access controlled...
Future secured