SlimLane

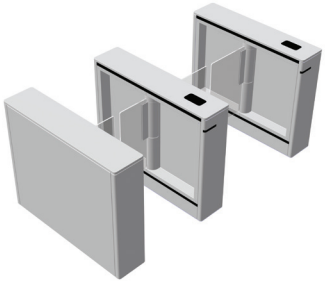
Barrier Optical Turnstiles

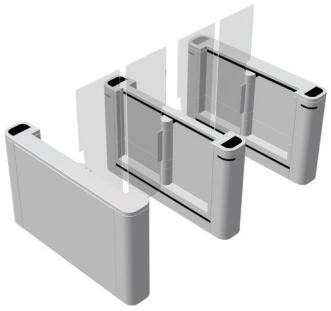
*On SlimLane and SmartLane models

pedestrian

AUTOMATIC SYSTEMS

Access controlled...
Future secured





SlimLane

With innovative designs, SlimLane swing barrier security entrance lanes combine high throughput with best in class reliability contained within a minimal footprint.

AESTHETICS

- Modern and elegant design
- Minimal footprint
- Discreetly and ergonomically integrated card reader
- Precision controlled tempered glass barriers
- Top quality assembly and finish
- Customizable solutions

SAFETY

- UL 2593 listed to ensure maximum user safety
- Dynamic, electronic user protection
- Eliminates pinch points, risk of entrapment and potential impacts
- In the event of a power outage, the barriers will open toward the exit direction and remain open until power is restored
- EGRESS operating mode meets the highest fire safety standards

THROUGHPUT

- Fast opening/closing of swing barriers (< 1 sec.)
- Precise pictograms for intuitive use

RELIABILITY

- Highly reliable products with 10 Million MCBF
- Very low cost of ownership
- 5 year warranty

SECURITY

- High-performance detection system (all obstacle heights)
- Glass barriers up to 72"
- Electromagnetic brake to withstand forced entry attempts

SLIMLANE DESCRIPTION

1. Handrail frame: steel beam with RoHS anti-corrosion zinc plating treatment and stainless steel posts. The handrail includes photoelectric cells for user detection and the logic control board.

2. 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.

3. Brushed #4 AISI 304L stainless steel housing.

4. Brushed #4 AISI 304L stainless steel panels fastened to the frame for access to the internal components.

5. Clear, 3/8 in (10 mm) thick tempered monolithic glass obstacles, swinging in the direction of user passage.

6. Clear, 1/4 in (6 mm) thick tempered glass side panels.

7. Brushed #4 AISI 304L stainless steel top cover.

8. Electromechanical drive unit consisting of:
   - A DC permanent magnet motor with an epicyclic gearbox.
   - A controller which provides progressive accelerations and decelerations of the obstacles, for smooth movement and enhanced user safety.
   - A geared electromagnetic brake for locking of obstacles in the event of forced entry attempts.
   - A sensor to monitor the obstacles position.
   - EGRESS standard operating mode: obstacles open in the direction of egress with a simple push.
   - Battery backup for automatic opening in case of power failure and in egress direction.

9. AS1190 logic control board, equipped with ARM 9 technology and Linux operating system, ensuring advanced traffic management. An embedded web server, accessible through a web browser, offering an interface for the configuration of functional gate parameters, as well as a complete diagnostic and maintenance tool.

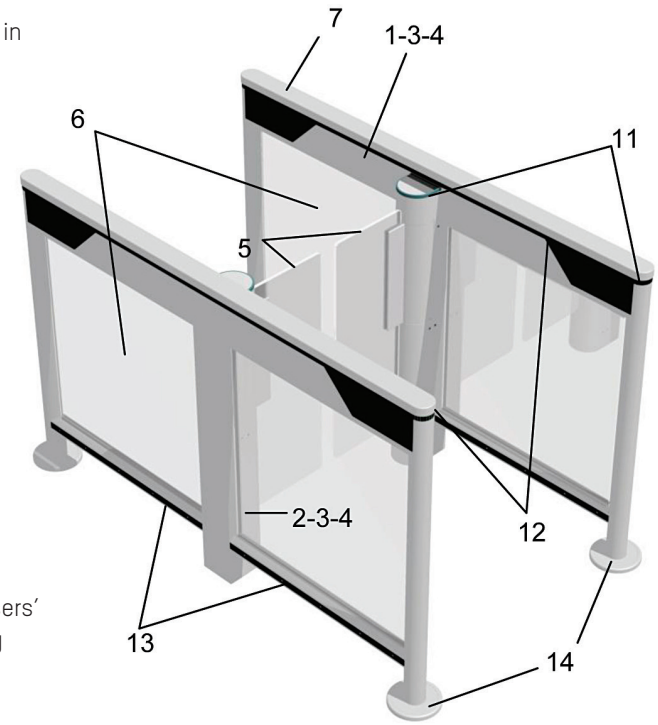
10. Transfer of information through an Ethernet interface, USB and dry contacts: passage authorization, passage information, reader locking, fraud, equipment failure ...

11. Orientation and function pictograms indicating gate and passage status to the user.

12. Proprietary DIRAS detection system, consisting of a high-density matrix of infrared transmitter/receiver photocell beams. It follows users' progression through the gate, as well as ensuring their safety during opening/closing of the obstacles.

13. Enhanced electronic protection and luggage detection cells (Entry and exit directions).

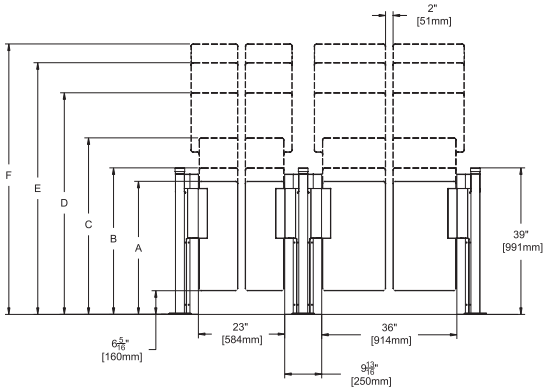
14. Finishing plate for posts.



*Standard equipment has 24 VDC motor.

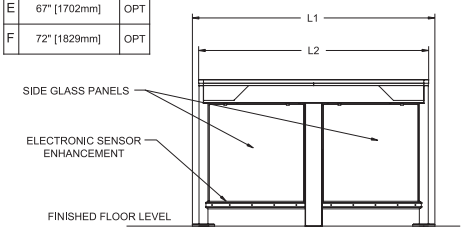
▲ STANDARD SLIMLANE DIMENSIONS

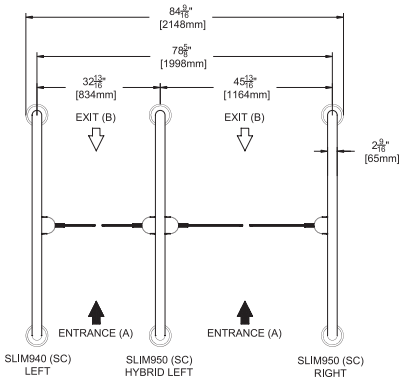
SLIMLANE 940 / 950 (STD & SC)



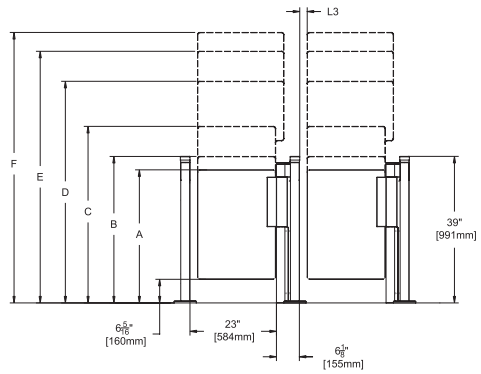
	OBSTACLE HEIGHT	
A	35 7/16" [900mm]	STD
B	39" [991mm]	OPT
C	47" [1194mm]	OPT
D	59" [1499mm]	OPT
E	67" [1702mm]	OPT
F	72" [1829mm]	OPT

	DIMENSION	
	STANDARD CABINET	SHORT CABINET
L1	64 9/16"[1640mm]	50 3/16" [1275mm]
L2	61 7/32"[1555mm]	46 13/16" [1190mm]



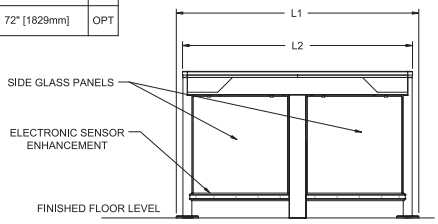


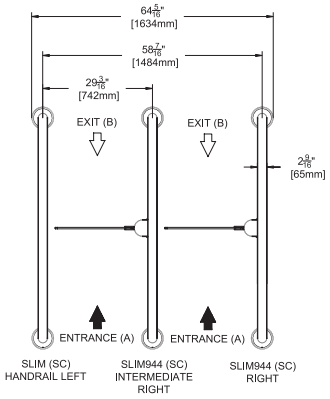
SLIMLANE 944 / 944 (STD & SC)



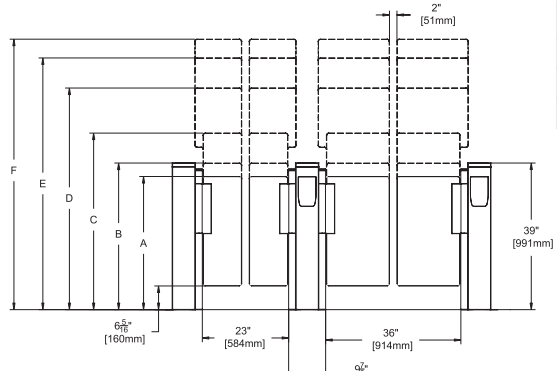
	OBSTACLE HEIGHT	
A	35 7/16" [900mm]	STD
B	39" [991mm]	OPT
C	47" [1194mm]	OPT
D	59" [1499mm]	OPT
E	67" [1702mm]	OPT
F	72" [1829mm]	OPT

	DIMENSION	
	STANDARD CABINET	SHORT CABINET
L1	64 9/16"[1640mm]	50 3/16" [1275mm]
L2	61 7/32"[1555mm]	46 13/16" [1190mm]
L3	2" [51mm]	5 1/8" [130mm]

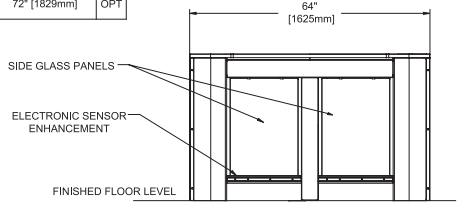


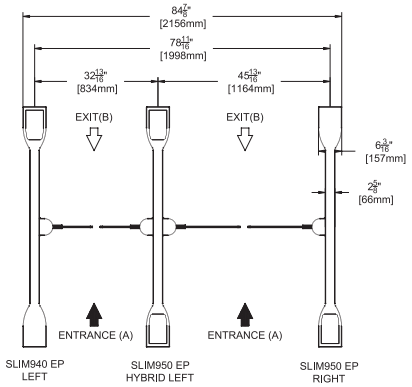


SLIMLANE 940 / 950 EP



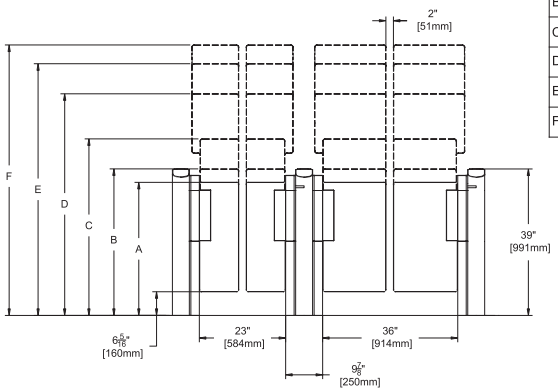
	OBSTACLE HEIGHT	
A	35 7/16" [900mm]	STD
B	39" [991mm]	OPT
C	47" [1194mm]	OPT
D	59" [1499mm]	OPT
E	67" [1702mm]	OPT
F	72" [1829mm]	OPT

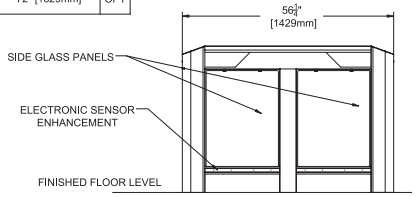


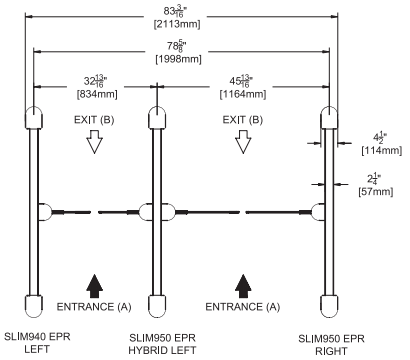


SLIMLANE 940 / 950 EPR

OBSTACLE HEIGHT		
A	35 7/16" [900mm]	STD
B	39" [991mm]	OPT
C	47" [1194mm]	OPT
D	59" [1499mm]	OPT
E	67" [1702mm]	OPT
F	72" [1829mm]	OPT

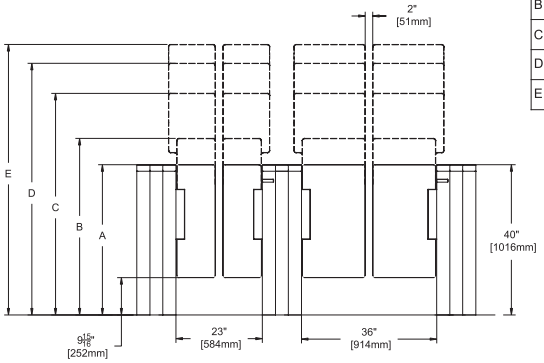


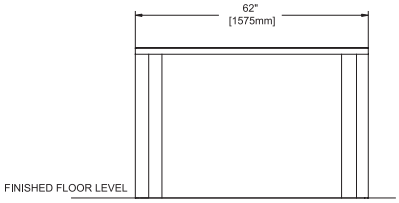


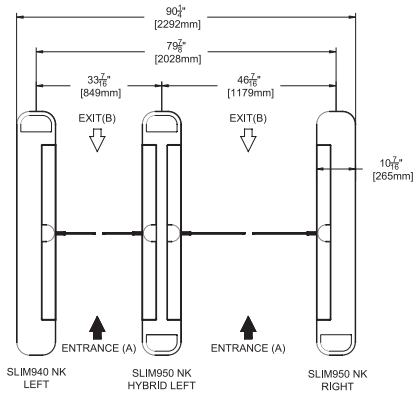


SLIMLANE 940 / 950 NK

OBSTACLE HEIGHT		
A	40" [1016mm]	STD
B	47" [1194mm]	OPT
C	59" [1499mm]	OPT
D	67" [1702mm]	OPT
E	72" [1829mm]	OPT

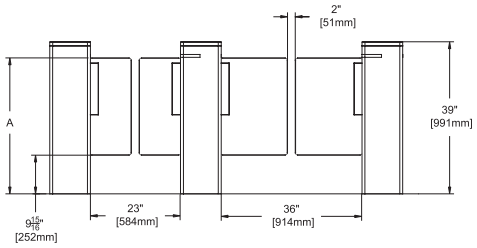


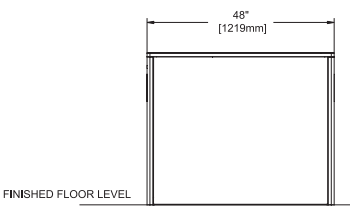


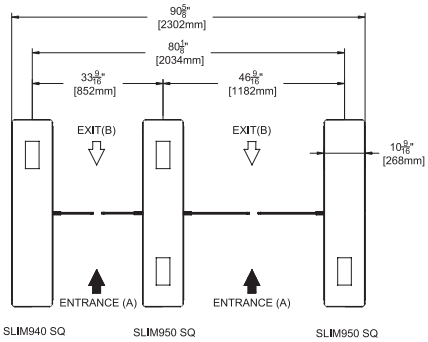


SLIMLANE 940 / 950 SQ

OBSTACLE HEIGHT		
A	34 7/8" [885mm]	STD







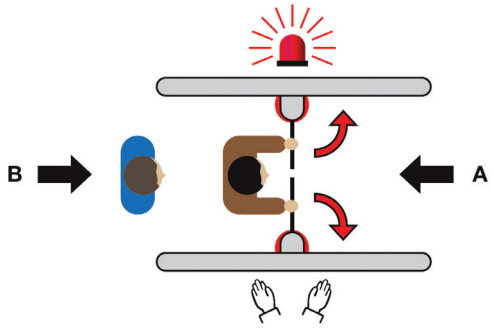
PRECAUTIONS FOR USE

For security reasons, children (users less than 1 m tall) must be supervised by an adult at all times when in the vicinity of the unit and during passage through the lane.

▲ EMERGENCY OPERATING MODE

EGRESS mode compliant with the highest fire safety standards

- In case of emergency, the barriers can be opened with a simple push in the exiting direction
- Audio and visual alarms signal evacuation in progress
- Returns to prior operating mode (programmable timer)
- Barriers remain locked from entry side
- When fire alarm is triggered, the barriers will automatically open in the exiting direction and will remain so as long as the alarm is active

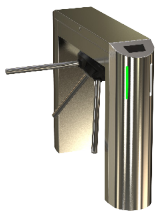


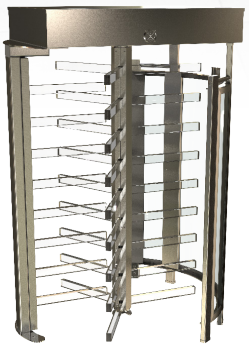
▲ OPTIONS

1. 120VAC Power supply.
2. SECURI-SAFE operating mode: electromechanical locking of the obstacles in case of forced entry attempt in any passage direction.
3. High glass option: 47" [1194 mm], 59" [1499 mm], 67" [1702 mm] and 72" [1829 mm] available.
4. Standard reader integration within housing.
5. Standard support bracket for surface mounted reader integration.
6. Barcode reader integration.
7. Custom top cover.
8. Customized logo on obstacles.
9. Raised base.
10. Ramp.
11. Monitoring panel. (Smart'n Slim / manual CP)
12. Connectivity kit for Ethernet connection of one or more lanes to the network.
13. Short cabinet- 50 3/16" long [1275mm].
14. Flangeless.
15. Extended posts. (EP / EPR)*
16. Lighted side glass panels.
17. Custom cabinets. (SlimNK / SlimSQ)*
18. Swing arm obstacles.
19. Optical (obstacle free).

Note: For restrictions on options, refer to the price list.

PROJECTS





▲ ADDITIONAL PEDESTRIAN PRODUCTS AVAILABLE

c UL US

ETHERNET IP

WARRANTY 5 YEAR

*On SlimLane and SmartLane models

AUTOMATIC SYSTEMS

Access controlled...
Future secured

1-800-263-6548 www.automatic-systems.com

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