

SentryLane™

Series 3100 Optical Barrier Swing Glass – Low & High Glass



Efficient “No-Touch” glass barrier speeds flow of authorized users

SentryLane™ Optical Barrier Swing Glass speed lanes are aesthetically pleasing security entrance systems that optimize flow of authorized building traffic. The efficient “No-Touch” swing glass barriers, available in Low Glass and High Glass models, offer a visual deterrent to would-be trespassers and tailgaters. The clean, open styling of glass along with a standard brushed stainless-steel finish and optional Corian® top provide a sophisticated look that complements any setting.

System Features and Benefits:

- **Glass Height Options.** The sturdy 3/8-inch clear tempered glass barriers are available in sizes to meet your design and security preferences – from 32" up to 72" high.
- **Optical Detection.** 36 (high glass) or 40 (low glass) LED photoelectric beams link to a primary 32-bit microprocessor input/output board, with optional onboard LAN connectivity.
- **High Throughput.** One person/second (subject to access control outputs).
- **Tailgate Detection.** Beam scanning algorithmic pattern detection prevents tailgating on a valid entry.
- **Bi-directional Card Stacking.** For increased throughput (e.g., group access), the system is capable of receiving up to 99 authorized access credits, remaining open in both directions until credits are used or sufficient time has elapsed.



Specify Horton and demand AAADM certified installation

AAADM American Association of Automatic Door Manufacturers

Method of Operation

When a person approaches the speed lane for entry, they present an access card to the access control card reader, which is typically mounted inside the pedestal.

Entrance Allowed:

Top-mounted lane status indicator (LSI) displays green arrow pointing in authorized direction, along with audible confirmation tone. “No Touch” glass barrier moves in direction of travel away from the user.

Entrance Declined:

LSI displays red “X” and an audible alarm indicates an invalid entry, invalid card, tailgate attempt or crawl attempt.

Additional Features:

- **Sound Card** emits 5 different tones to indicate lane status – confirmation, invalid entry, invalid card/sensor block, tailgate attempt or crawl attempt.
- **Reader Integration** mounting options for proximity and barcode card readers located at each end of the pedestal. Varieties of other readers are available (swipe, biometric, etc.).
- **Lane Status Indicators** (LED arrays) are fitted into pedestal tops, one for each direction, to visually assist the user when passing through the lane.
- **Crawl-Under Detection Beams** sense barrier crawl-under attempts as low as 7" from the floor and will trigger alarm and send signal to the access control system.
- **Safety Features** In the event of power outage, glass barriers remain in closed position but can be manually moved easily to exit position. Once power is restored, barriers return to closed position.
- **3-Year Factory Warranty** on all electrical components.



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Series 3100 Optical Barrier Swing Glass – Low & High Glass

The visually appealing Optical Barrier Swing Glass speed lanes are designed to provide smooth “No-Touch” access to authorized users and to effectively block unauthorized users and piggybacking. Multiple product options, including a Low Glass and a High Glass design, provide additional design versatility to accommodate individualized lobby needs.

Electrical Requirements:

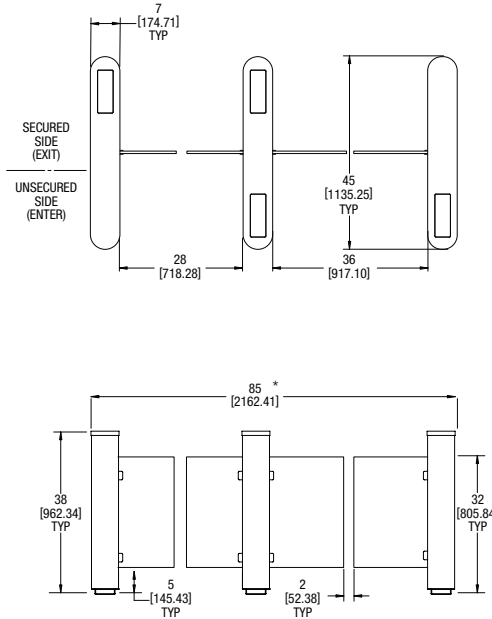
- Dedicated 120V 15A circuit must be provided.
- Four-lane maximum per circuit.

Available Options:

- Remote Lane Controller Software – User-friendly, intuitive and maximizes speed lane performance. Support offered for end users and integrators.
- Remote Lane Controller-Surface Pro – Managed with a Microsoft Surface® Pro 4 Tablet.
- Remote Lane Control Touch Screen – Allows access to lanes via a desktop touch screen PC.
- Remote Lane Controller-Push Button – Allows security personnel access to lanes via desktop controller.
- Climb-Over Detection – Load cell technology used to detect an intruder attempting to climb on or over the pedestal top to gain entry.
- Optical Lane Mounting Platform – Allows pedestals to be mounted and wired without having to drill into the floor.
- Logo Printing on Glass – For an attractive branded look.

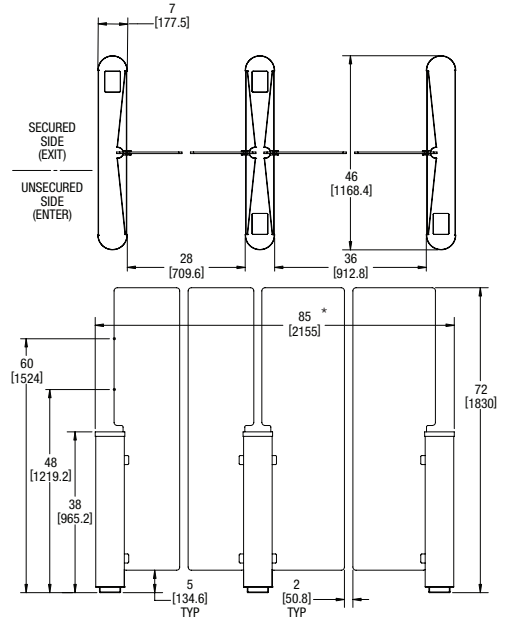
Dimensions

LOW GLASS



One standard lane, one ADA lane
Two lanes, three pedestals

HIGH GLASS



One standard lane, one ADA lane
Two lanes, three pedestals

* Add 4" for minimum rough opening, allowing 2" from each end pedestal to adjacent structure.

Selection Guide

	Standard LG	ADA LG	Standard HG	ADA HG
Lane Width	28" (711)	36" (914)	28" (711)	36" (914)
Pedestal Height	38.5" (977)	38.5" (977)	38" (965)	38" (965)
Pedestal Length (with rounded ends)	45" (1143)	45" (1143)	46" (1168)	46" (1168)
Pedestal Length (with flat ends)	42" (1066)	42" (1066)	42" (1066)	42" (1066)
Pedestal Width	7" (177)	7" (177)	7" (177)	7" (177)
AFF Glass Height	30.5" (774)	30.5" (774)	48", 60", 72" (1219, 1524, 1828)	48", 60", 72" (1219, 1524, 1828)

Certifications - ETL Certified - UL Subject 2593 - CSA Certified - CE Certified



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