

SentryLane™

Series 3100 Optical Retractable Wing Barrier



Unique, retractable wing barrier speeds flow of authorized users

SentryLane™ Optical Retractable Wing Barrier speed lane is an aesthetically pleasing security entrance system that optimizes flow of authorized building traffic. The angled design of the ½" clear Lexan® barrier adds an elegant flair to any entryway. The product's brushed stainless steel finish and Corian® top further accent the entrance system's progressive styling.

System Features and Benefits:

- **Optical Detection.** 40 LED photoelectric beams link to a primary 32-bit microprocessor input/output board.
- **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



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, barriers remain in closed position. Barriers can be manually retracted into the pedestals where they will remain until power is restored.
- **3-Year Factory Warranty** on all electrical components.



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The elegant styling of the Optical Retractable Wing Barrier speed lane provides a welcoming yet secure environment for authorized users. Rugged Horton engineering along with multiple product options make this a rugged, versatile security solution that will accommodate individualized lobby needs.

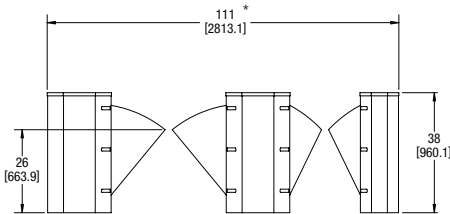
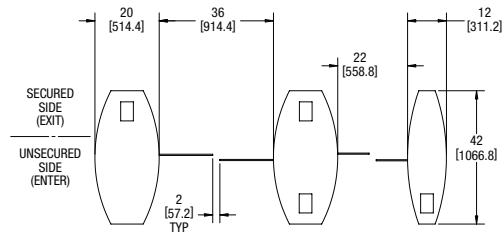
Electrical Requirements:

- 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.

Dimensions



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	ADA
Lane Width	22" (558)	36" (914)
Pedestal Height	38.5" (977)	38" (965)
Pedestal Length (with flat ends)	42" (1066)	42.5" (1079)
Pedestal Width	12" (304)	20" (508)

Certifications

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



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