

ES811

Optical Turnstiles

Designed for use in building lobby applications where higher security, high speed throughput and interior aesthetics are priorities. These single or bi-directional pedestrian control devices are used with the access control system to prevent tailgating and to grant or deny access into a facility. Normally used in conjunction with a guard station, these optical turnstiles can grant access for up to 60 people per minute per lane.



ES811 Series



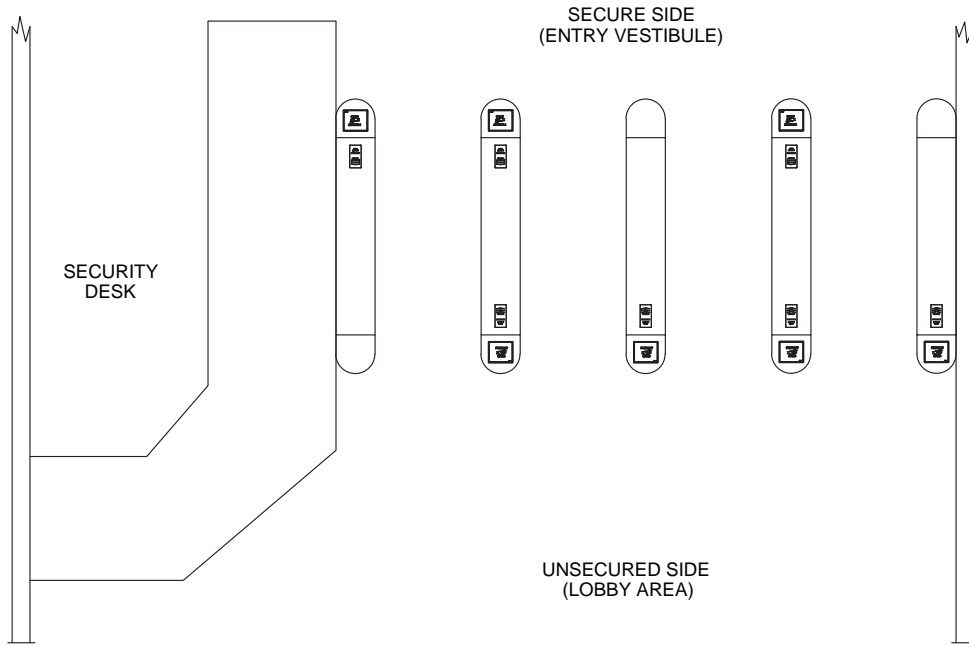
FEATURES & BENEFITS

- Compliments architectural styling
- Encourages employees to maintain access control procedures
- Detects tailgating
- Compatible with any access control system
- High throughput easy entry or exit for authorized personnel
- No moving parts
- Provides visual and audible user interface for each operation
- Field configurable for card-in/card-out or card-in/free-exit operation
- Reduces number of personnel needed to monitor building entry/exit points
- Excellent serviceability
- ADA compliant

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ES811 Optical Turnstile - Typical Application



ELECTRICAL SPECIFICATIONS

Power:	12 VAC @ 6amps/walkway
Control Inputs:	N/O - Dry contact from card reader for valid card N/O - Dry contact from card reader for invalid card N/O - Dry contact to override lane operation
Status Outputs:	N/O - "Alarm Condition" N/O - "Invalid Card"

MECHANICAL SPECIFICATIONS

Size:	60"L x 38"H x 8"W
Finish:	Top surface: DuPont Corian* Cabinet material: Brushed stainless steel*

* Custom colors and finishes are available

CRITERIA FOR DESIGNING AN OPTICAL TURNSTILE WALKWAY

1. Determine the number of walkways required based on the desired pedestrian throughput and space availability. A conservative estimate of pedestrian throughput is up to 60 people per minute per walkway. This figure assumes the use of a fast response (¼ sec.) card reader system.
2. Walkway bollards should be spaced 30"-37" apart. Wider spacing results in pedestrians attempting to pass through the lane two abreast, resulting in a high incident of alarms.

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