

# 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 to 30 people per minute per lane.



ES811 Series



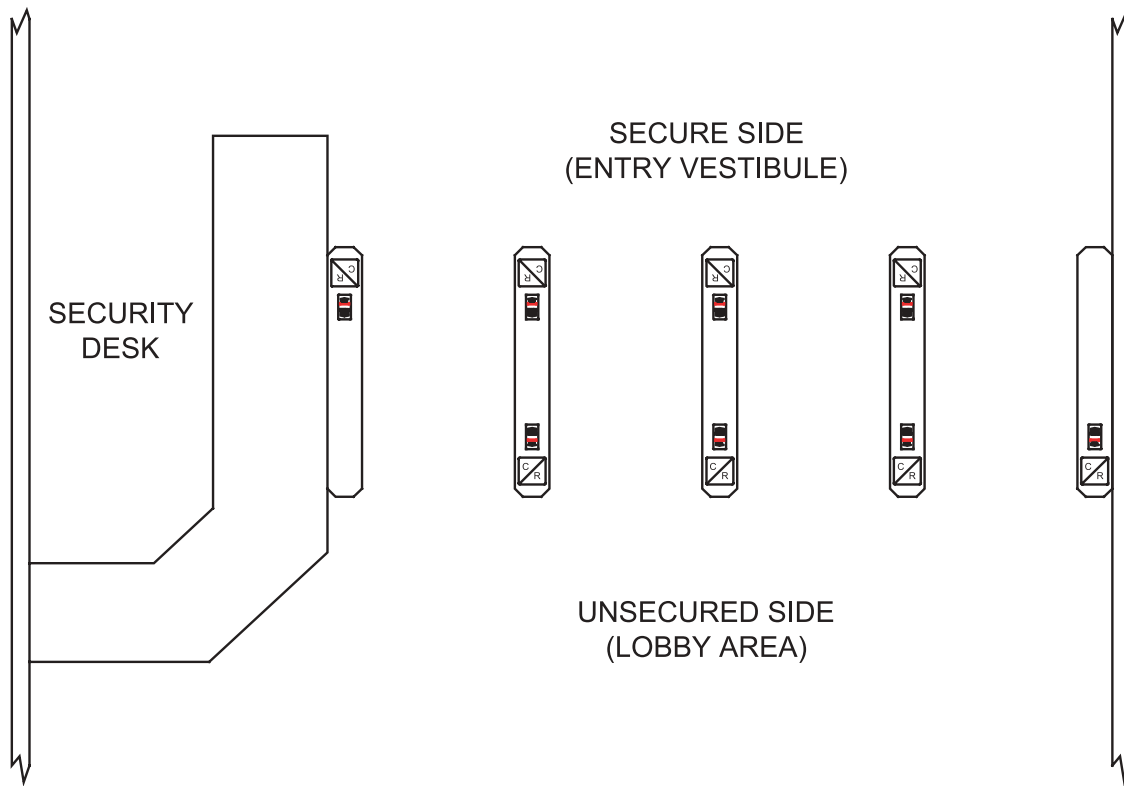
### FEATURES & BENEFITS

- Complements 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 card-in/free-exit 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 compatible

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# ES811 Optical Turnstile - Typical Application



## ELECTRICAL SPECIFICATIONS

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

## MECHANICAL SPECIFICATIONS

Size:	60"L x 38"H x 8 1/2"W
Finish:	Top Surface: DuPont Corian/ Nevamar Fountainhead* Side Panel: Formica/Nevamar Laminate*

\*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 thirty (30) people/min., 1800/hr., per walkway. This figure assumes the use of a fast response (1/4 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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