

# Slimline

## Optical Turnstile

Designed for use in building lobby applications where higher security, high speed throughput and interior aesthetics are priorities. The Optical Turnstiles with acrylic panels provide a visual as well as physical barrier which communicates to pedestrians that authorization is required before entering the secured area. The acrylic barriers can be configured for panels as high as 4'0". These units will monitor high throughput traffic flow of up to 30-45 people per minute per lane. (Panels open < 1.5 second)



### FEATURES & BENEFITS

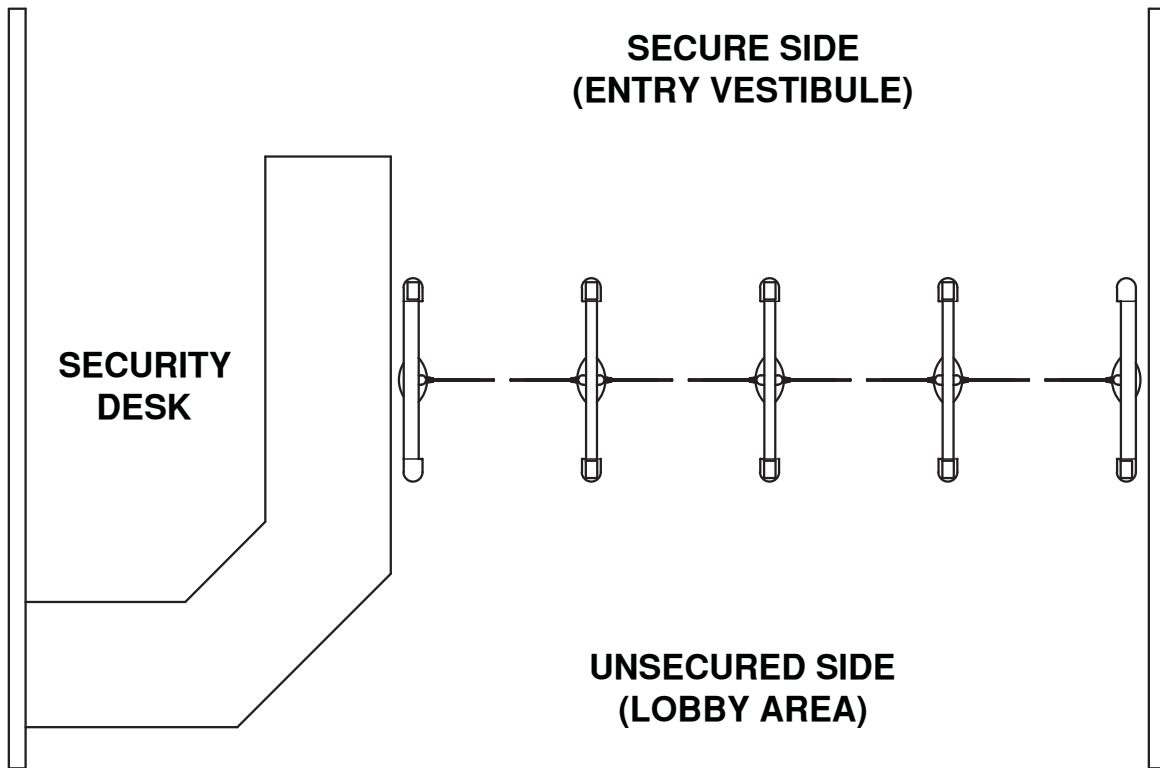
- Complements architectural styling
- Acrylic panels can cover from 4" above the floor to 4'0" high
- No nuisance alarms from pull bags
- Encourages employees to maintain access control procedures
- Detects tailgating
- Compatible with any access control system
- High throughput easy entry or exit for authorized personnel
- Field configurable for card-in/card-out or card-in/free-exit operation (No programming necessary)
- Reduces number of personnel needed to monitor building entry/exit points
- Meets ANSI/BMHA Door Break Away Standard for Power Operated Pedestrian Doors
- ADA compatible



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# Slimline - Typical Applications



## ELECTRICAL SPECIFICATIONS

Power:	24 VDC @ 3 amps/Walkway
Control Inputs:	N/O - Momentary "Access Granted" (max. 1 sec. Pulse Closure)
	N/O - Momentary "Exit Granted" (max. 1 sec. Pulse Closure)
	N/O - Momentary "Invalid Card"
	N/O - Maintained "Lane Bypass"
	N/O - Momentary "Emergency Situation"
	N/O - Maintained "Operation Disable"
	N/O - Maintained "Card-In/Free-Exit"
	N/O - Maintained "Entry Closed"
	N/O - Maintained "Exit Closed"
Status Outputs:	N/O - "Alarm Condition"
	N/O - "Passage Completed"
	N/O - "Passage Aborted" (after valid card read)
	N/O - "Panel Tamper"
	N/O - "Bypass"

## MECHANICAL SPECIFICATIONS

Size:	48.8"L x 38.5"H x 6.8"W
Construction:	Coated steel and aluminum
Finish:	Top Surface: Dupont Corian/ Nevamar Fountainhead*
	Side Panel: Stainless Steel / Powder Coated Steel / acrylic*
	Acrylic Panels: 4" A.F.F. X up to 4'0" A.F.F X 3/8" thick

\*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) – Forty-Five (45) people/min., 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 may result in pedestrians attempting to pass through the lane two – abreast.

\* For walkways less than 30", a single glass panel is recommended

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