

ES850

Mid-Sized Optical Turnstiles

Designed for small to mid-size lobby/entry applications where styling is important, the ES850 Optical Turnstiles provide aesthetically pleasing pedestrian passageways to controlled or restricted areas. These units will monitor high throughput pedestrian traffic flow of up to 30 people per minute per lane while optical sensors ensure only one person enters for each authorized I.D. card presented.



FEATURES & BENEFITS

- Complements any architectural styling
- Compact, space conscious design
- Card reader and controlling electronics can be mounted inside housing
- Detects tailgating
- Compatible with all access control systems
- Field configurable for card in/card out or card in/free exit operation
- High throughput easy entry or exit for authorized personnel
- ADA compatible



ES850 Series

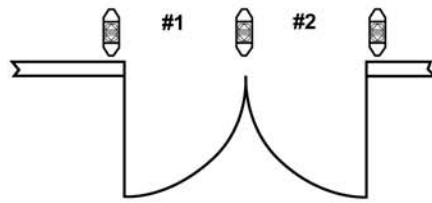


www.TURNSTILES.us

8641 South Warhawk Road
Conifer, CO 80433
(303) 670-1099 x11

Patrick.McAllister@Turnstiles.us

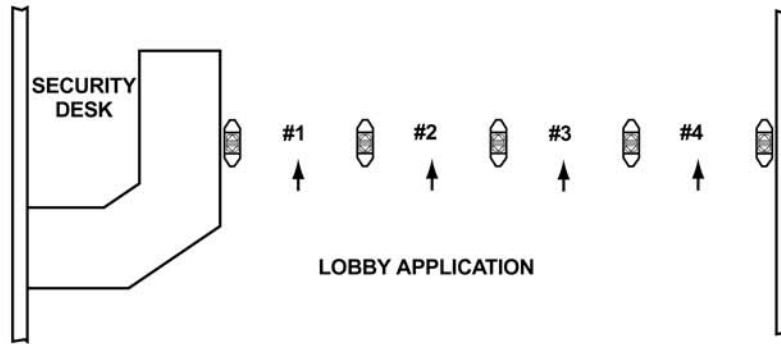
ES850 Mid-Sized Optical Turnstile - Typical Applications



DOUBLE DOOR APPLICATION



HALLWAY APPLICATION



LOBBY APPLICATION

ELECTRICAL SPECIFICATIONS

Power:	12 VDC @ 1.5 amp/Walkway
Control Inputs:	N/O Momentary (1 sec. max.) Access Granted Signal from Access Control System N/O Remote Bypass (momentary/maintained)
Output:	N/C Alarm N/C Bypass Status All relays rated at - 500 mA @ 30 VDC
Audible Alarm:	80 dB@ 3 ft.

MECHANICAL SPECIFICATIONS FOR THE BOLLARD

Size:	18"L x 38" H x 6"W
Mounting:	11 gauge Steel Base with 4 - 1/2" Mounting Holes and 2" Conduit Hole
Finish:	Top Surface: Dupont Corian/ Nevamar Fountainhead* Side Panel: Satin Brushed Stainless Steel*

*Custom Colors and Finishes may be Specified at Additional Cost

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.



www.TURNSTILES.us

8641 South Warhawk Road
Conifer, CO 80433
(303) 670-1099 x11

Patrick.McAllister@Turnstiles.us