

Mid-sized Optical Turnstiles ES8500 Series

Operation:

The Mid-Sized Optical Turnstile is designed for small to mid-sized lobby/entry applications where styling is important. These turnstiles monitor pedestrian traffic flow through an access control point and assure that only one individual can pass for each valid access signal, thus eliminating "Tailgating". Sensing pedestals form pedestrian walkways at the entrance to a controlled area. An individual must be granted access by the facility's access control system in order to pass between the pedestals without activating an alarm. These units are compatible with most types of access control systems and can be field configured for Card-In/Card-Out, or Card-In/Free Exit.

Applications:

Entrance and exit points (manned, or visually monitored CCTV) in corporate offices and manufacturing facilities where space is limited and controlled access is essential, but both aesthetics and pedestrian throughput in the area are a major concern.

Features and benefits:

- Made in the USA
- Compatible with most access control systems
- No moving parts
- Excellent serviceability (virtually maintenance free)
- Encourage employees to maintain access control procedures
- High throughput (30-45 people/minute, or 1800/2700/hour, per walkway)
- Localized alarm notifies area personnel of a security breach
- ADA compatible
- Provides visual and audible customer interface
- Aesthetically pleasing
- Corian: Midnight top with satin-brushed stainless steel sides (custom colors and finishes may be specified at additional cost)
- Single direction, or bi-direction access control
- Sturdy, all steel construction
- Simple installation

Options:

- Card-In/Free Exit walkway
- Card-In/Card-Out walkway

Technical Data (electrical):

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|-----------------|--|
| Power: | 12 VDC @ 700 mA/walkway |
| Control Input: | N/O-Momentary "Valid A card" (max. 1sec. pulse closure) N/O-Momentary "Valid B card" (max. 1sec. pulse closure) N/O-Momentary/Maintained "Remote bypass" |
| Control Output: | Form "C" Alarm contact status Form "C" "A" passage complete contact status Form "C" "B" passage complete contact status All relays rated at 1 Amp @ 30VDC |
| Audible Alarm: | 80 dB @ 3 ft. |

Technical Data (mechanical):

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| Size: | 18" L x 38" H x 6" W |
| Mounting: | 12 gauge steel base with 4 - 9/16" mounting holes and 2" conduit hole |
| Finish: | Top Surface: DuPont Corian/Midnight* Side Panel: Satin Brushed Stainless Steel* |

**Custom colors and finishes may be specified at additional cost.*