

Canister Style Optical Turnstiles ES860 Series

Operation:

The Canister Style Optical Turnstile is designed for small to mid-sized lobby/entry applications where space is limited and pedestrian throughput is high. Adjustable optics allow for the ES860 to be arranged in a semi-circular or angular pattern, allowing for more lanes and easier access. 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 facilities 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. These turnstiles can be positioned in a radial pattern to help spread out the pedestrian traffic pattern in a congested lobby.

Features and Benefits:

- Made in the USA
- Can be mounted in a circular or angular pattern
- Compatible with most access control systems
- No moving parts
- Excellent serviceability (virtually maintenance free)
- Encourages employees to maintain access control procedures
- High throughput (30 people/minute, or 1800 people/per hour, per walkway)
- Localized alarm notifies area personnel of a security breach
- ADA compatible (unit can be bypassed for handicap access)
- Provides visual and audible customer interface
- Aesthetically pleasing
- [Corian \(Sierra Midnight\)](#) 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):

- Power: 12 VAC @ 4 Amp/walkway
- Inputs: Access Control: N/O Dry Contact/Card Reader for valid card (exit & entry)
N/O Dry Contact/Card Reader for invalid card
- Shunt: N/O Dry Contact to override lane operation
- Outputs: N/O Alarm contact for walkway violation – 500mA @ 30VDC
N/O invalid card output

Technical Data (mechanical):

- Size: 13" Diameter X 38" High
- Mounting: ¼" plate steel base with 3 slotted mounting holes and a 2" conduit hole
- Finish: Top Surface – [DuPont Corian/Sierra Midnight](#)
Side Panel – Satin brushed stainless steel (custom colors and finishes available at additional cost)