

Optical Turnstiles ES810 Series

Operation:

Optical Turnstiles consist of two or more bollards placed in a parallel arrangement that form pedestrian walkways. Persons traveling through the walkway are screened by the use of a conventional access control device, i.e.: card reader, proximity reader, etc. Audible and visual annunciators are used to communicate with the pedestrian concerning walkway usage and access control violations. Walkways may be configured to operate with Card-In/Card-Out access control, or with Card-In/Free-Exit.

Applications:

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

Features and Benefits:

- Made in the USA
- 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, can match existing architecture
- [Corian](#) top with [Formica](#) or [Nevamar](#) sides (colors selected by customer)
- Single direction, or bi-direction access control
- Simple installation
- Ample room inside the bollard to install related electronics

Options:

- Card-In/Free-Exit Walkway
- Card-In/Card-Out Walkway

Technical Data (electrical):

Power:	12VAC @ 6 Amp/Walkway
Inputs:	Access Control: N/O Dry Contact/Card Reader for valid card (Entry & Exit) 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 @ 30 VDC N/O Invalid Card Output

Technical Data (mechanical):

Size:	60" Long X 38" High X 8" Wide
Mounting:	12 gauge steel base at each end of the bollard with 4-1/2" mounting holes and a 2" conduit hole
Finish:	Top surface – DuPont Corian Side panel – Nevamar/Formica laminate over millwork; Stainless Steel

Note: Custom finishes available. Contact factory.