



Record FlipFlow

Exit Lane Breach Control

Your global partner
for entrance solutions

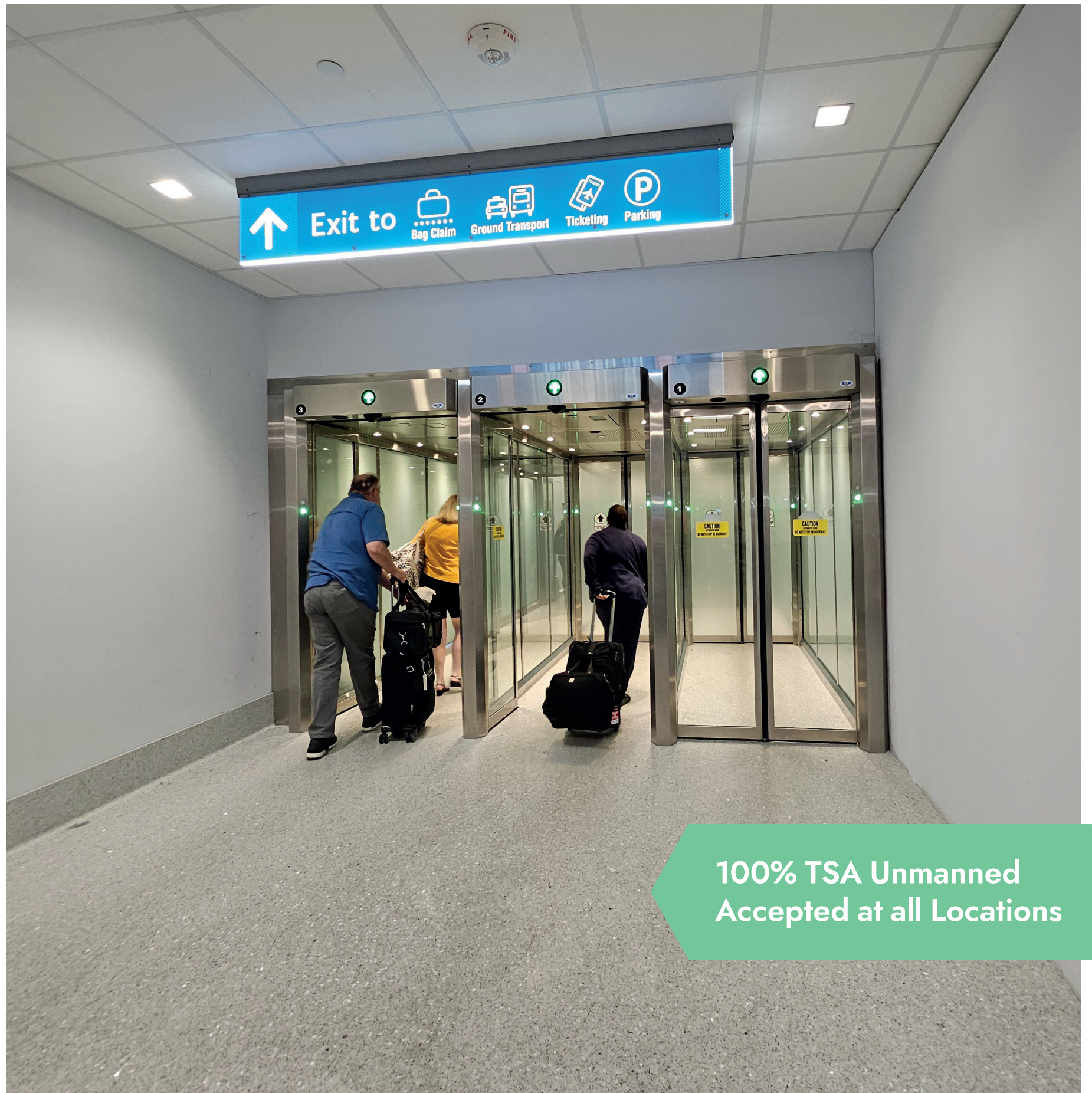
Where discreet but reliable security and safety are valued

The Record FlipFlow product line provides a high level of security for a wide range of applications. With durable construction and practical modularity, the one-way entrance system provides safety and security at the desired level while being user friendly and easy to maintain.

The FlipFlow adds value to your building or installation, offers improved performance and provides discreet but reliable security and safety.

Applications

- » Passenger flow regulation in airports (separates secure airside from non-secure landside).
- » Protection of other sensitive areas in seaports and railway stations.
- » Access to sensitive areas in public, commercial, and industrial buildings.
- » Entrance to courthouses or judicial buildings.
- » Side entrance in supermarkets.



100% TSA Unmanned
Accepted at all Locations

Improve Security and Safety

The Record FlipFlow is ideal for applications in secure environments such as airports, seaports, and train stations.

Alternate uses may include access to sensitive areas in public, commercial or industrial buildings, or entrances to courthouses and judicial buildings.

Facts

- » Worldwide success with over 1,100 proven installations including 150 lanes in North America.
- » Available in three standard widths.
- » Up to 8 individual personalized announcements can be recorded and stored.
- » Object detection as small as 2"x2"x2" on floor and 2.4"x2.4"x2.4" on the ceiling and side panels.
- » Access to all repair components from inside the unit. No need to work in awkward, unsafe, or confined ceiling areas.
- » Stainless steel construction.

Features

The only manufacturer to offer optional object detection on side panels and ceiling

Traffic signals at entrance and exit doors

Interior maintenance hatches

Multiple relay inputs for integration into the airport's building management system

Customizable voice module

Real Time software for remote monitoring and function controls

Inside monitoring and object detection

Options

Side rails and barrier at exit

Integration of access control system

Battery back-up for continuous use

Custom finishes

Optional opaque glass

Operation Modes



Flow: allows constant "flow" of passengers achieving the highest throughput.



Interlock: controls each segment individually lorem ipsum dolor.



Flow to Interlock: effectively manage throughput by automatically changing from flow to interlock depending on traffic.



Cleaning mode: exit doors open with a remote signal provided from the airport, alarm triggers after timeout.



Emergency Opening/Closing: doors open or close by remote signal provided from the airport, backup battery guarantees extended operation in case of power failure.

Prevents unauthorized secure area access





Manufactured and supported in the USA

Models and Functionality

Multiple configurations and functions to meet your security needs.



Models

Twin Extended

Triple

Triple Extended

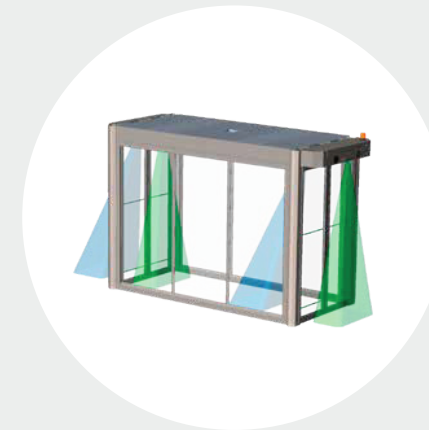
	FlipFlow Twin Extended with swing gates at the exit side for increased security (shown with optional side rails on entry side).	FlipFlow Triple offers enhanced security with two safe areas between three pairs of doors.	FlipFlow Triple Extended with swing gates at the exit side for increased security (shown with optional side rails on the entry side).
Auto Flow / Interlock	●	●	●
Throughput Flow Mode	2,700 passengers/lane per hour* (calculated from end to end)		
Throughput Interlock Mode	Approx. 500 passengers/lane per hour*		
Security Level	●●●	●●●●	●●●●●
Configurations	Can be installed as a single unit or side by side		
Recommended Widths	35.43", 43.3", and 47.25"		
Total Length	17' 3/4" (5203.5mm)	20' 10" (6341.6mm)	27' 7/8" (8302.5mm)
Total Height	7'9"		
Clear Opening	85" (2151mm)		
Surface Options	#3 stainless steel finish or powder coated carbon steel		
Glass	5/16" laminated safety glass; extensions are 1/2" safety glass		
Electrical Requirements	110 volt, 20a fuse per lane. 600 watt, 200 watt standby mode.	110 volt, 20a fuse per lane. 1000 watt, 200 watt standby mode.	
Environmental Conditions	For indoor use only		

* Automatic change from interlock to flow mode for higher throughput depending on counting of passengers.

Advanced Sensing Zones

Sensing Zones are used in the FlipFlow tunnel system to identify various activities:

- » zones set for entrance, passage, exit (monitored walking direction)
- » systems utilize multiple sensing zones to control traffic direction and control flow
- » alarms triggered for reverse direction and static object detection



Door Activation

- » Radar-based door activation sensors installed in the ceiling above the door triggers the door opening in order to get the highest possible passenger throughput. (Blue Area)

Door Safety

- » Safety beams, installed in the door opening, protect passengers from impact of the door during closing.
- » Infrared sensors installed in the ceiling above the door wings protect passengers from impact of the door during opening. (Green Area)



Object Detection

- » A set of light curtains are installed at floor level which allows for detection of objects with a minimum size of 2" x 2" x 2". (Pink Area)
- » An optional set of light curtains allows detection of objects placed on the ceiling and walls with a minimum size of 2.4" x 2.4" x 2.4". (Pink Area)

Breach response

- » The detection of a person moving in the opposite direction through an exit door will close the entry doors and trigger an alarm.
- » The detection is based on several infrared sensitive video cameras with image analysis installed in the ceiling of the tunnel. (Yellow Area)
- » The exit door has an additional radar, installed on the exit side, which acts as a pre-alarm for passengers approaching the door from the land side.

Complimentary Product Lines

With our extensive product line, we can meet all of your facilities entrance needs.

Security Portals

The R65 security portal is designed to control access to the most secure and sensitive areas within your building. The one or two-wing interlocking doors provide guaranteed level security access for use with either external entrances, or security-critical internal spaces.

Sliding Door Systems

The Record 5100 Series sliding door system provides silent micro-processor driven gear reduction belt drive operation for years of dependable service. Available in an extensive range of configurations and functions, the 5100 Series caters to diverse applications.

Automatic Swing Door Operators

The Record 8100 Series provides the end-user with the best solution for interior or exterior entrances. Available in low or full-energy, the 8100 is a popular choice for high-traffic entrances that require a long lasting, dependable unit.

Speedgates

The Record Impression Speedgate is an innovative access control solution for high-flow passage featuring a streamlined design, thoughtful accents and finish options, as well as seamless integration with access control technology.





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Headquartered in Switzerland, the Record group sells its products and services across the globe and is directly present with subsidiaries in many countries.

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