



Flap Barrier Brochure MT259

Designed By Mairsturnstile

Provide high-quality security turnstile solutions for global customers



Flap Barrier Turnstile MT259



Flap barrier turnstile MT259 adopts an integrated rounded cylindrical column shape, and is made of thickened 304 brushed stainless steel. The metal material is rust resistant, corrosion-resistant, scratch resistant and wear-resistant, and is not afraid of high-frequency pedestrian friction in subways and stations. It is not easy to deform and rust after long-term indoor and outdoor use; The full arc design without edges and corners is safe and soft, and the simple and sharp lines have a minimalist modern industrial texture, perfectly suitable for crowded public scenes such as subway stations, high-speed railway stations, airports, high-end office buildings, and large exhibitions.

The top of the body integrates card swiping, scanning, and traffic card sensing panels, paired with a prominent circular green LED traffic light strip, which can clearly identify the traffic status from a distance and maximize the recognition of peak passenger flow guidance; The gate wings are made of thick and highly transparent acrylic baffles, which are strong in toughness and impact resistance. They can open and close smoothly without blocking the view of the passage, providing a spacious and comfortable passage.

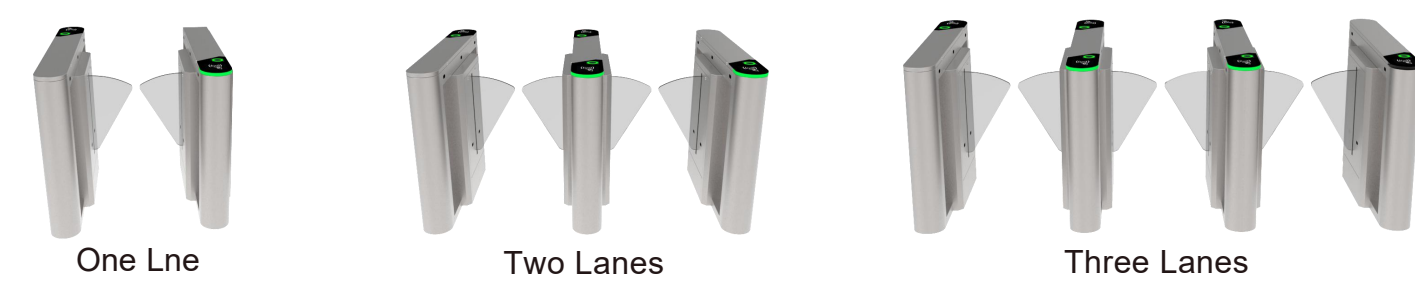
Specially designed for uninterrupted operation of large passenger flow, the core power system is equipped with industrial grade high-precision movement and exclusive buffer transmission structure, with gentle and smooth opening and closing, low shock absorption and noise, supporting 7 × 24 hours of high-intensity continuous operation, and durability far exceeding ordinary turnstiles; The gate opening response is extremely fast and sensitive, quickly diverting traffic during peak hours in the morning and evening, effectively avoiding crowds and congestion, and greatly improving the efficiency of station traffic.

Technical Specifications

Dimension	1400*300*980mm (4'7" × 0'11.8" × 3'3") (standard)
Passage Width	600mm (1.97ft)
Pass Rate	40 person/min
Mechanism	Super Mute mechanism with Driving Motor 30W/DC24V
IR sensor	6 pairs
Frame Material	Iron, Tempered glass
Sliding arm Material	Acrylic(standard)
Power Supply	100V-240V, 50/60Hz
Open Signal	Passive Relay (Dry Contact)
Communication	RS485/RS232
Working Direction	Bi-directional(standard), Unidirectional
Working Environment	Indoor or outdoor
Relative Humidity	95% Maximum



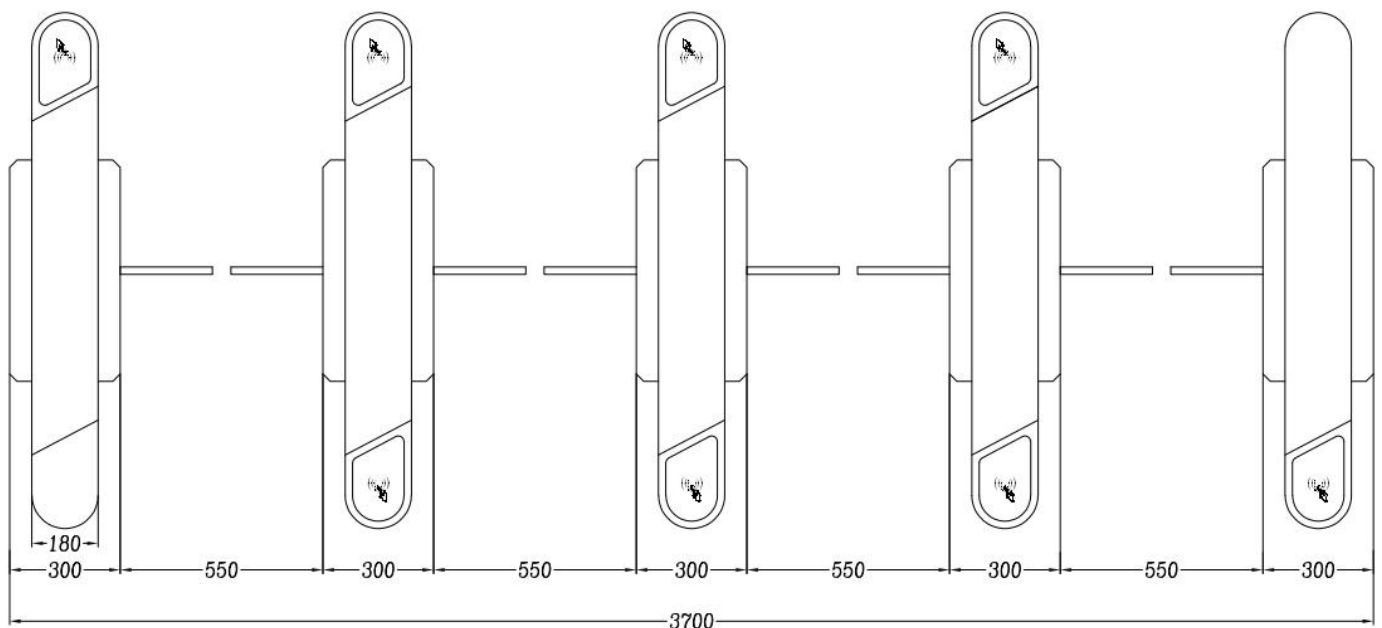
Lane Combination



Features

- **Led Alerts:** High-visibility green and red icons indicate direction in real time.
- **Emergency Exit:** Allows free passage during power outages or emergencies and resets automatically when power returns.
- **Working Direction:** Supports both single-directional and bi-directional operation.
- **Automatic Reset:** Arms lock automatically within 5 seconds (adjustable) if access is delayed.
- **Aanti-pass Back:** The gate stays locked if someone attempts entry from the reverse direction.
- **Anti-Intrusion:** The gate remains locked until a valid open signal is received.
- **Fast Unlock:** Unlocks within 0.2 seconds (adjustable) upon receiving a valid signal.
- **High Performance:** Long-life, highly reliable operation with fast response.
- **High Mechanism:** Full-height mechanism ensures smooth and stable running.
- **Alarm Function:** Infrared sensors trigger an alarm for illegal or reverse intrusion.

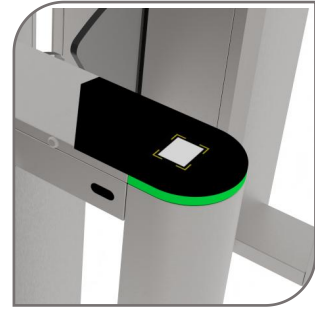
Dimensions



Customization

The cutout for readers can be customized

Provide us with the dimensions of the card reader/scanner or other access control reader and we will customize the cutout according to its dimensions.



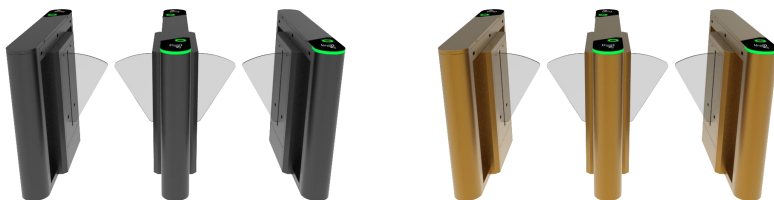
LOGO can be customized

1. Logo can be printed on swipe card window, or cutout the logo on the gate body with LED. AI or CRD files required.
2. Logo can be printed on metal nameplates and attached to gates.



Chassis color can be customized

Supports paint coated or galvanized.
RGB, RAL or Pantone number required.



Black



Gray



Green



Gold



Red

Other customizable Options

- Gate dimensions can be customized according to the site.
- Material optional: 304 stainless steel, 316 stainless steel, iron with powder coated and galvanized (color can be customized).
- Tripod arm material available in stainless steel and power coated in galvanized steel
- Lights and infrared sensors can be added.
- LED colors can be customized.
- Swipe card icon can be cancelled.
- Customized 3D drawings are available based on the site photos.
- OEM&ODM service is available.

Accessories



Mounting Base

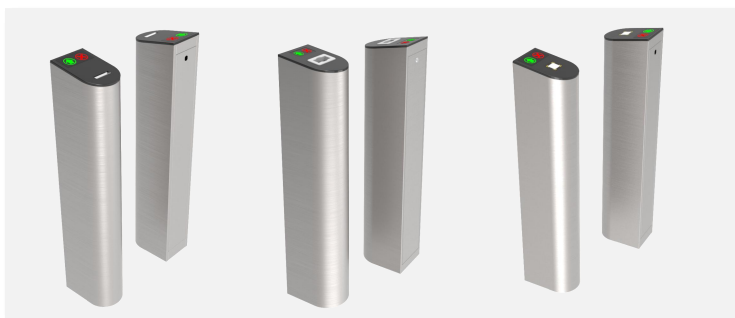
Optional:

1. Mounting base (for above floor wiring) ;
2. Removable base with wheels (for temporary events);
3. 201 stainless steel with anti-slip texture;
4. Iron with black powder coated.

Barrier

Optional:

1. Acrylic barrier (Logo can be printed);
2. Stainless steel tube barrier;
3. 304/316 stainless steel;
4. Iron with black powder coated.



Pillar

Optional:

1. Card collector pillar;
2. Wristband collector pillar;
3. QR code scanner pillar.

Control Panel

Buttons:

- Right/Left open
- Right/Left lock
- Right/Left free passage
- Emergency



Access Control System

Our turnstile gates come with relay signals and RS485/RS232 interfaces. You can use your own access control system, or we can provide a complete access control system to you.



A woman with curly hair, wearing a light-colored blazer, a blue shirt, and a black skirt, is walking through a modern, silver turnstile system. She is holding a coffee cup in her right hand. The turnstiles have green glowing rings and logos on top. The background shows a modern building interior with large glass windows and a tiled floor.

MAIRS

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