

Swing Turnstile MT311

Brochure

Designed By MairsTurnstile



Provide high-quality security turnstile solutions for global customers



MAIRS

www.mairsturnstile.com

Swing Turnstile MT311

Supermarket swing turnstile gate MT311 designed specifically for supermarkets, convenience stores, and fresh food stores, connecting the entire process of shopping, settlement, and departure, providing a one-stop unmanned supermarket intelligent control solution! It can work as a single(1pcs) or a pair(2pcs). The lane width of a single can be set to 600-1000mm. The lane width of a pair can be set to 600-2000mm.

The body is available in two mainstream materials: thickened brushed stainless steel and matte baked paint. brushed stainless steel is scratch resistant, fingerprint resistant, moisture-proof, and rust proof. It will not rust after long-term use in fresh food areas and humid environments in the store; The high-end baking paint process has a uniform and delicate color, is wear-resistant and cannot remove the paint, and is suitable for various simple and light luxury decoration styles of supermarkets. The whole machine is made of solid and heavy materials, with a stable and impact resistant frame, capable of handling large passenger flows during peak hours in the morning and evening, and can open and close frequently without deformation throughout the year; The lines are minimalist and smooth, and the signage is eye-catching and intuitive. Customers can easily understand the direction of traffic at a glance, and both aesthetics and durability are fully utilized.

Support comprehensive personalized customization: body color matching, gate length, top atmosphere light strip, traffic signs, supermarket logos, and sensing height can be adjusted as needed; The width of the channel can be flexibly customized, allowing pedestrians and small shopping carts to pass smoothly. It is suitable for different sizes of large supermarkets, boutique convenience stores, and community fresh food stores, perfectly matching the decoration tone of the store.

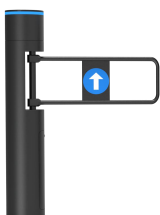
Supermarket swing gates are designed to be visually appealing and fit well within the store's overall design and layout. They often have a clean and modern appearance to enhance the shopping experience. Supermarket swing turnstile gates are part of the overall security and access control measures that retailers use to manage customer traffic and minimize losses due to theft. They help create a safer and more controlled shopping environment for both customers and store employees.

Technical Specifications

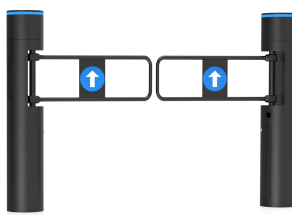
Dimension	168*1050mm(0.55*3.44ft) (standard)	Power Supply	100V-240V 50/60Hz
Brand	MairsTurnstile	Working Mode	Single pcs or a pair.
Material	SUS 304 / Powder coated	Working Environment	Indoor / Outdoor
Arm Material	Acrylic / Stainless Steel	Open Signal	Passive Relay (Dry Contact)
Passage Width	600mm(1.97ft) -1000mm(3.28ft)	Communication	RS485/RS232
Passage direction	Unidirectional/Bi-directional	Working Temperature	-40°C ~ 70°C
Mechanism	DC Brushless Motor	Working Direction	Unidirectional/Bi-directional
Pass rate	30-35 persons/minute	MCBF	3,000,000 Cycles
Operating time	0.2 seconds	Relative Humidity	95% Maximum



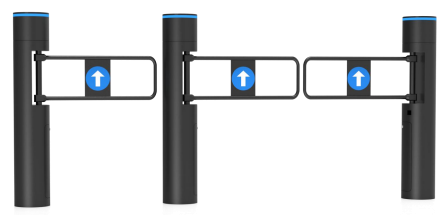
Lane Combination



One Lane



One lane (A pair)

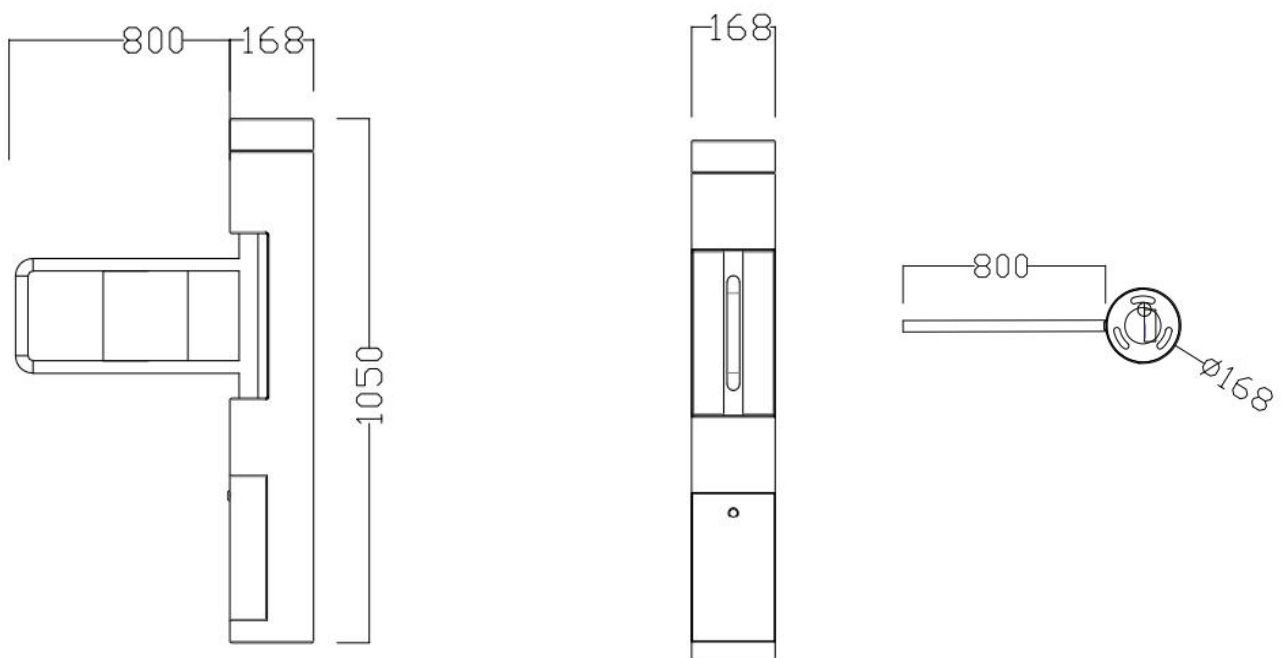


Two lanes (Supports various combinations)

Features

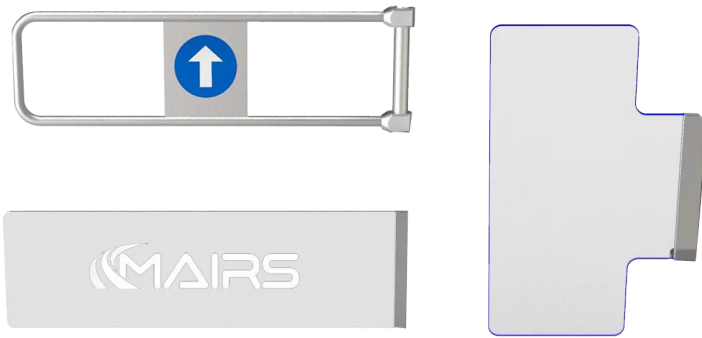
- **Led Alerts:** High-visibility green and red icons indicate direction in real time.
- **Emergency Exit:** Allows free passage during power outages or emergencies and resets automatically when power returns.
- **Working Direction:** Supports both single-directional and bi-directional operation.
- **Automatic 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



Various swing arms available.



Fence can be added.

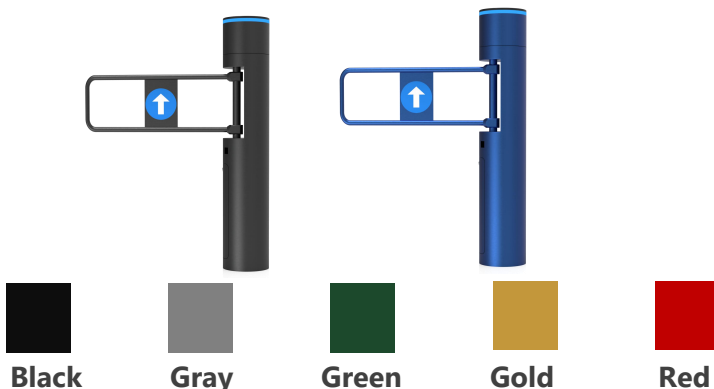
LOGO can be customized

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.



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

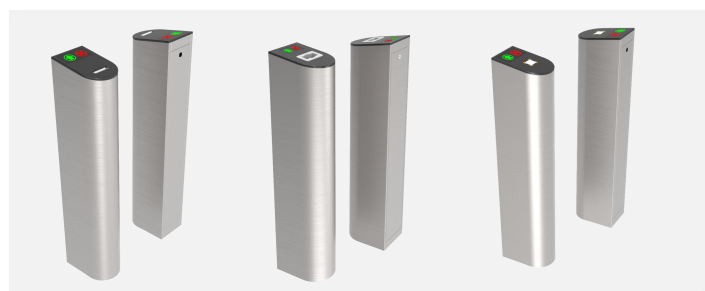
Optional:

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

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.





Contact Us

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