

Speed Gate MT-A301

Brochure

Designed By MairsTurnstile



Provide high-quality security turnstile solutions for global customers



MAIRS

www.mairsturnstile.com

Speed Gate MT-A301

Speed gate turnstile MT-A301 adopts a simple square arc shape, paired with a bright black electroplated frame and a pure white decorative panel contrasting color design. The electroplated frame has a delicate and wear-resistant luster, is corrosion-resistant and does not fade, and the lines are clean and sharp. The three-dimensional frame outlines a strong sense of hierarchy, combining modernity and light luxury texture.

The top is equipped with a striking circular LED status indicator light, with clear recognition of green traffic and red prohibited areas from a distance. The black and white minimalist color scheme is suitable for various modern places such as fitness centers, business offices, high-end hotels, bank exhibition halls, etc. It does not choose decoration styles and instantly enhances the spatial style after placement.

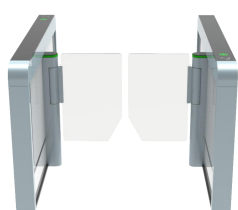
Minimalist lines with outstanding layering and a modern sense of technology! Brushless servo motor for fast and silent passage, top-level anti tailgating+dual anti pinch dual safety protection; Support full dimensional deep customization, including electroplated border color, decorative panel color matching, LED lighting color, body logo, gate size, channel width, and identification equipment installation position can be customized according to needs, matching the exclusive brand image of fitness centers, hotels, and enterprises; Seamless integration with various third-party access control systems, compatible with gyms, offices, hotels, and banks, factory direct supply with high cost-effectiveness, and global bulk shipping!

Technical Specifications

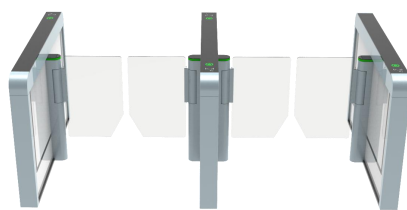
Dimension	1600*130*1040mm (5.25*0.43*3.41ft) (standard)	Power Supply	100V-240V 50/60Hz
Brand	MairsTurnstile	IR sensor	6 pairs
Material	1.5mm SUS 304 with electroplating	Working Environment	Indoor
Arm Material	Acrylic side board with LED	Open Signal	Passive Relay (Dry Contact)
Passage Width	600mm (1.97ft) - 1200mm(3.94ft)	Communication	RS485/RS232
Passage direction	Unidirectional/Bi-directional	Working Temperature	-40°C ~ 70°C
Mechanism	200W Servo Motor	Working Direction	Unidirectional/Bi-directional
Pass rate	40 persons/minute	MCBF	10,000,000 Cycles
Operating time	0.2 seconds	Relative Humidity	95% Maximum



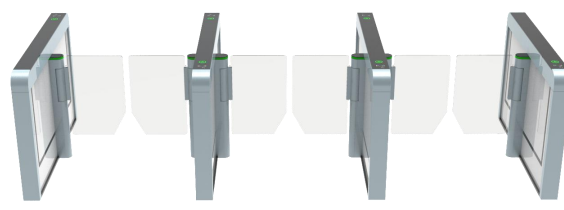
Lane Combination



One Lane



Two Lanes

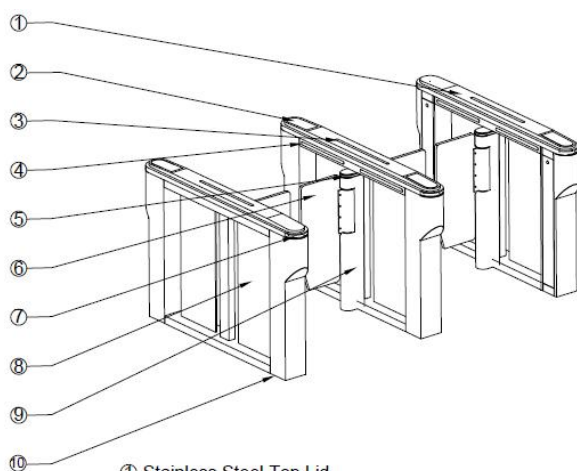


Three Lanes

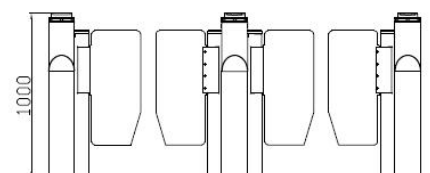
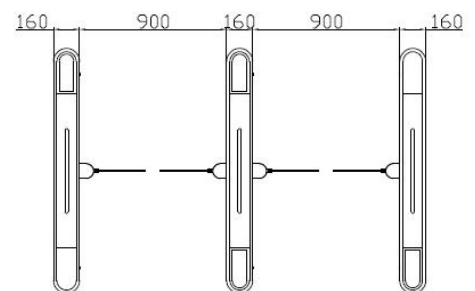
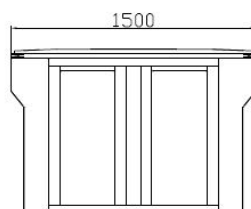
Features

- **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



- ① Stainless Steel Top Lid
- ② Acrylic CARD Window
- ③ Direction Indicator
- ④ IR Sensor Cover
- ⑤ Lane Status Indicator
- ⑥ Acrylic Swing Arm
- ⑦ Lane Status Indicator
- ⑧ Acrylic Side Panel
- ⑨ Mechanism
- ⑩ Position of Fixing Screw



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.



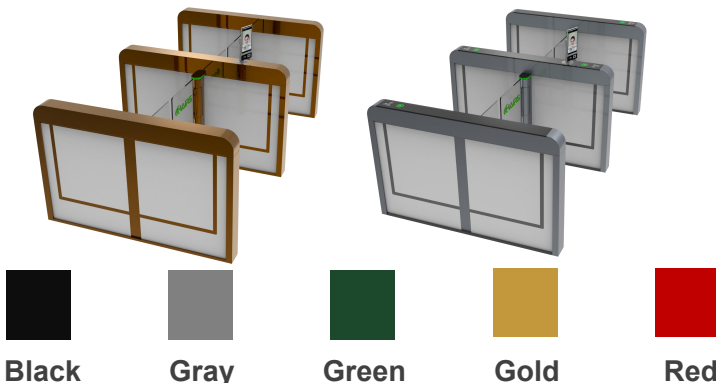
LOGO can be customized

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.



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

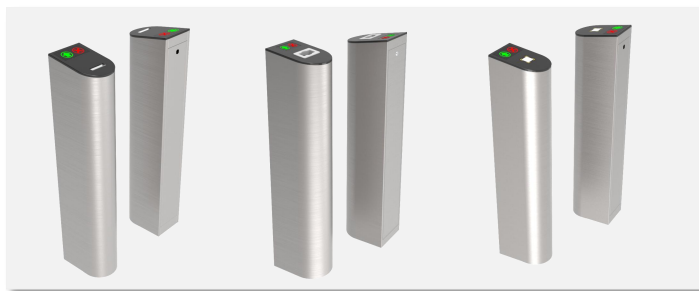
Optional:

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.





MAIRS

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