

CYLINDER SPEED GATE CP310-Y

The **MT310-Y speed gate** is a customized

design based on MT310. It is a specific type of access control system designed to restrict entry to authorized personnel while allowing smooth and efficient passage. As picture suggests, it consists of three rotating arms or barriers mounted on a central cylindrical column. These arms rotate horizontally to permit or block entry, depending on the authorization status of the person attempting to pass through.



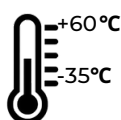
3-arm cylinder speed gates provide a combination of security, speed, and efficiency in controlling access to restricted areas. They are commonly used in various environments such as children's playground. It can efficiently prevent children climb over or under the gate. And design is safe for kids use.



It can also be compatible with all third party access control system. When there is a valid signal, it will turn 120 degree for a full pass. The swing arm can be acrylic, tempered glass or stainless steel.



40-50

+60°C
-35°C

2

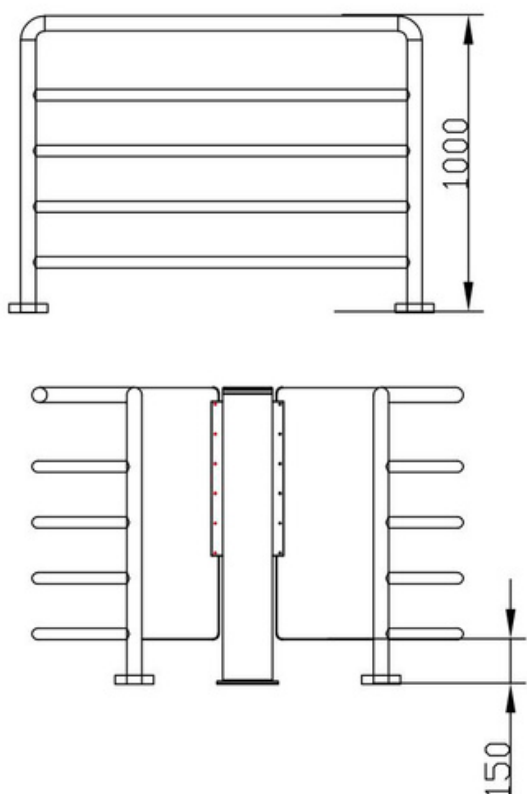


110V-220V

IP₄₁

Technical Specifications

Overall Dimension	φ1450*1300*1000mm(4.75*4.26*3.28ft) (standard)
Material	SUS 304
Swing arm Material	Acrylic/Stainless steel/Tempered glass
Arm length	561mm(1.84ft)
Open Signal	Passive Relay (Dry Contact)
Passage Width of acrylic arm	600mm (1.97ft) -1800mm(5.91ft)
Passage direction	Unidirectional/Bi-directional
Mechanism	Brushless motor mechanism
Pass rate	30-35 persons/minute
Operating time	0.2 seconds
Power Supply	100V-240V 50/60Hz
Communication	RS485
MCBF	3,000,000 Cycles
Working Temperature	-35°C ~ 60°C
Working Environment	Indoor
Relative Humidity	95% Maximum



Feature

EMERGENCY EXIT

The function allows free passage in the event of an emergency or power outage, automatic reset when power is restored.

•WORKING DIRECTION

Single directional or Bi-directional is optional.

•AUTOMATIC RESET

The swing arms will lock automatically within 5s (adjustable) if a person delay to access.

• SELF-CHECK

With zero self-check function, convenient for user maintenance and use.

•FAST UNLOCK

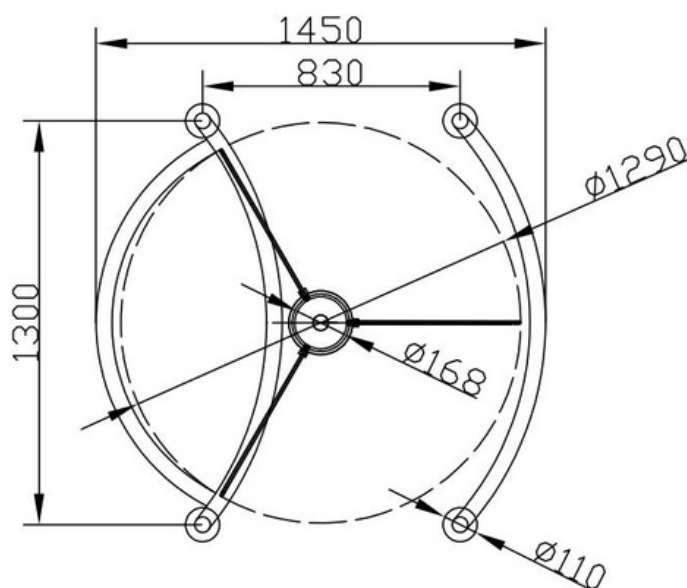
When there is a valid signal ,the gate will unlock within 0.2s (adjustable).

•ARM LED LIGHT

LED on arms are optional function.

•LANE STATUS

LED if the access is granted, the LED will be in green. In standby, the LED is blue. If denied access, the LED flash red.



If you need a dimension drawing according to the site, please contact us.

Customization

- Dimension: Can be made according to the client's site.
- Normal Open with switch available
- Material: 304 stainless steel to 316 stainless steel, or iron with powder coated (color can be customized).
- Swing arm material available in stainless steel or acrylic.
- Mounting base (for above floor wiring) and removable base (for temporary events) can be added.
- Cutouts can be customized to fit any reader. The cutouts can also be canceled.
- LOGO can be customized.
- Customized 3D drawings are available based on the site photos.
- OEM& ODM service is available.

Access control system

Our 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.



Remote control



RFID card



QR code/ barcode



Counter



Face recognition



Fingerprint recognition



Coin collection



Button

We also offer customization services.

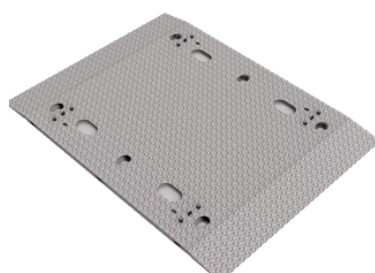


Other frame colors available, RAL or RGB required.



Black Gray Green Blue Red

Cutouts can be customized to fit any reader. LOGO can be customized.



Mounting Base

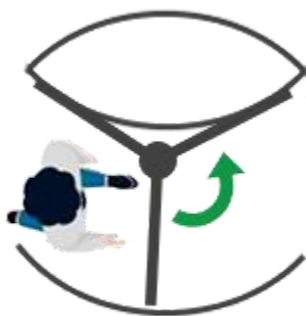


Portable Mounting Base with Wheels and hinges

Emergency mode



Powered of equipment
with Super Capacitor Backup



In case of a power outage, swing arms are unlocked
and free to access in both directions.

LED Status



Standby Access Granted Force Entry



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