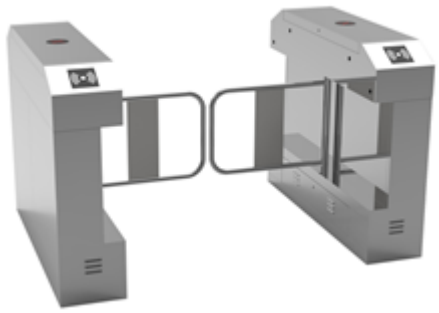


TAK323
(Swing turnstiles)

Introduction:

Swing turnstile has standard electrical interface which can be connected with ID cards, IC cards, magnetic cards, barcode cards etc. The integration system ensures passing in order and will never allow unauthorized persons to go in or go out.

Parameters:

1. Power Supply: AC220V ± 10V, 50Hz / AC110V ± 10V, 60Hz
2. Power Consumption: 100W/24V
3. Temperature: -15 to 60 degrees
4. Humidity: <95%, without concretion
5. Passage Width: <=1200mm
6. Passing Speed: 30 persons/min (normal open), 20 persons/min (normal close)
7. Arm Open/Close Time: 2.5s
8. Input Interface: +12V electrical signal or impulse signal with width more than 100ms, drive current >10mA
9. Communication Interface: RS485 (Distance: <=1200m)
10. Dimension: 1200*280*990mm
11. Arm Length <=800mm
12. Working Environment: Indoors or outdoors with shed
13. Arm Turning: Bi-direction

Main Functions：

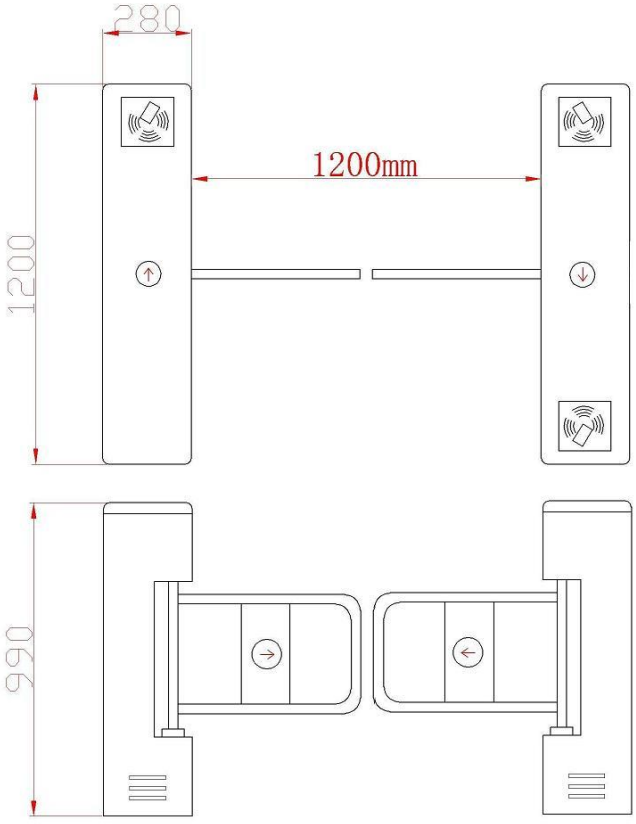
1. Problem-self-checking function.
2. Arm Turning: Bi-direction
3. When power off, arm open automatically and power on again, arm will be held automatically.
4. When valid card read and passenger passed, arm can be delayed to close from 1-60s which can be set in the control panel.
5. Auto-reposition function: After card read, passenger doesn’t pass within regulated time, turnstile will cancel order automatically. And the regulated time can be set by managers.
6. Anti-rush function: if there is no open single, arm will be holding tightly.
7. Stable running with little noise.

Material:

○ 201 stainless steel
● 304 stainless steel
○ 316 stainless steel

Structure:

1. **Dimension**
   1200*280*990mm
2. **Pole shape and diameter**
   ● Beeline(shape)
   ○ Camber (shape)
   ● Φ 32(diameter)
   ○ Φ 42(diameter)
   ○ Customer drawings
3. **Drawings**



Application

● All places which need to control people In and out.

Finishing:

● Brushed
○ Grit satin
○ Hot-galvanized
○ Powder coated in colors

Constructions:

Turnstile column

SS304 pipe

Guiding elements inside and outside

Light metal casting, natural anodized

Portal frame

Made of steel with space reserved for installations

Working principles:

● The arm will open automatically when we send relay signal to turnstile.

Power supply:

● 220V AC @ 60HZ
○ 230V AC @ 50HZ
○ 110V AC @ 60HZ
○ 220V AC @ 50HZ

Working power: 24V DC

Controlling way:

- Relay signal
- RS485