

# RADAR VERTICAL SWING TURNSTILE CP-314

The **CP-314 Supermarket Entrance Turnstile** has a slender, upright post with a horizontal arm or barrier that rotates in a vertical plane. 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, which can be used for wheelchair, luggage or bicycle access.

**CP-314** can be set to allow access in a bi-direction or single-directional based on client's requirement. The exit direction is equipped with a radar sensor that automatically opens the gate when a person approaches. The radar sensing area is sector and the sensing range can be adjusted on the radar board.

Vertical supermarket entrance turnstiles are space-efficient and suitable for locations with limited space as they don't require much room for installation. These turnstiles are deployed in a wide range of environments, from public transit stations and airports to corporate offices, stadiums, and high-security facilities. They help regulate pedestrian flow and enhance security.



CP-314-Plexy-1



CP-314-Plexy-2



CP-314-Tube



PASSING SPEED  
35-40



PASSAGE FOR DISABLE



BI-DIRECTION



POWER SUPPLY  
110V-220V

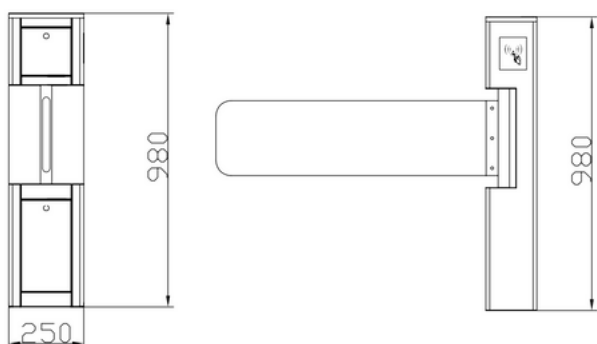


ANTI-TAILGATING



PROTECTIVE LEVEL  
IP 41

Dimension	250*190*1050mm(0.82*0.62*3.44ft) (standard)
Material	SUS 304
Swing arm Material	Stainless steel/ Acrylic
Passage Width (Single pcs)	600mm (1.97ft) -1000mm(3.28ft)
Passage Width of stainless steel arm (A pair)	600mm (1.97ft) -2000mm(6.56ft)
Passage Width of acrylic arm (A pair)	600mm (1.97ft) -1800mm(5.91ft)
Passage direction	Unidirectional/Bi-directional
Mechanism	DC Brushless Motor
Pass rate	30-35 persons/minute
Operating time	0.2 seconds
Power Supply	100V-240V 50/60Hz
Radar for automatic open	Unidirectional/Bi-directional
Open Signal	Passive Relay (Dry Contact)
Communication	RS485/RS232
MCBF	3,000,000 Cycles
Working Temperature	-40°C ~ 70°C
Working Environment	Indoor
Relative Humidity	95% Maximum



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

#### • LED STRIP

The color of the light strip on the top cover changes color depending on the status of the gates.

#### • 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 flap arms will lock automatically within 5s if a person delay to access. (The time can be adjusted in the control board)

#### • MEMORY FUNCTION

People can swipe cards several times at one time and then pass by together. When all people go through, the gate will close automatically.

#### • ANTI-PINCH

The bounced-back way and pinch strength can be adjusted in the main board.

#### • WORKING MODE

Single pcs or a pair.

#### • FAST UNLOCK

When there is a valid signal, the gate will unlock within 0.2s. (The time can be adjusted in the control board)

#### • AUTOMATIC EXIT

The exit can be set by radar.

#### • WIDE PASSAGE

2000mm passage is available.

#### • HIGH PERFORMANCE

Long service life with low operational cost.

- Dimension: Can be made according to the client's site.
- Optional use as a single (1pcs) or pair (2pcs).
- 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.
- The standard model only has radar in one direction. Radar can be added for free passage in both directions.
- 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.

• Please check with sales for customization fees.

*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/Card collection



Button



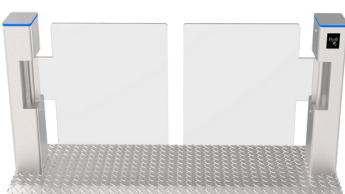
Radar



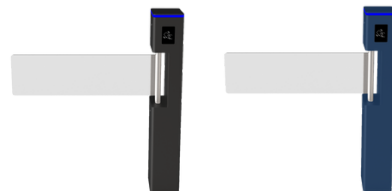
*Cutouts can be customized to fit any reader.*



*Various swing arms available*



*Mounting base can be added.*



*Other frame colors available, RAL or RGB required.*



Black



Gray



Green



Blue



Red



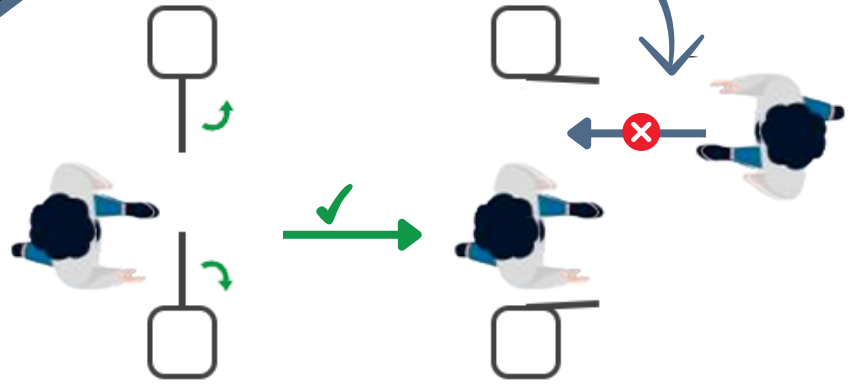
*LOGO can be customized.*



Powered of equipment  
with Super Capacitor  
Backup



The alarm gate monitors and audibly  
signals unauthorized crossings by third  
parties in the wrong direction.



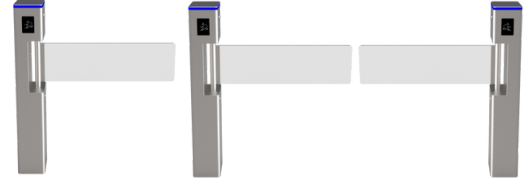
In case of a power outage, swing arms are unlocked  
and open automatically.



One lane (Single one)



One lane (A pair)



Two lanes (Supports various combinations)

