

# PL529

# Turnstile

## Description

## Technical Data



All the gates models are space efficient security barriers, with a compact design, yet offer sufficient space to integrate any access control system. They can be mounted with display, passage counter, card reader, token operation, token operation, traffic lights, command console, alarm system against unauthorised entries, interfaced with a PC through a RS232(RS485, TCP-IP) line. The unique swing arm feature provides a fail-safe safety solution in case of an emergency or power failure, providing egress in case of crisis evacuations. Durability with minimal maintenance means years and millions of trouble free passages. The gate creates a secure environment in, for example, a reception area. Our gates are used in applications including stadiums and arenas, perimeter and interior security, recreation and amusement parks, retail crowd control, transit fare collection and lobby access control.

## Features & Benefits

### IN GENERAL

- Use IC cards, ID cards, Bar code or magnetic cards as automatic identification system and achieve access, attendance fees or function
- A direction indicator, showed that pedestrian access to the current status of, and guide pedestrians correct and smooth passage
- Display has been in use for statistics and numbers
- With voice and strobe light alerts
- A combination of infrared sensors and police anti-illegal entry into pedestrian access, the protection of pedestrians smooth and the prevention of the channel following

Technical Data	Unit	PL529
Passage width	mm	≤ 550
Throughput rate	p/m	35
Power supply	V(ac)	100~240
Operational voltage	V(dc)	24
Max power consumption	w	35
Frequency	hz	50~60
Protection level	ip	≥ 44
Working temperature	°C	-25~+70
Electro-magnetic drive		DC
Dimension excluding bars	mm	800x280x960
Net weight including bars	kg	40

- Double anti-clipping function, photocell anti-clipping and mechanical anti-clipping
- Auto re-set function, if no passing during identified card-reading time, the system will reset automatically the passengers are prohibited to pass until their second identified reading
- The barrier can be set to delay closing in 1~60s after a valid card-reading

### OPERATING MODES

- Single passage in the set direction
- Bi-directional single passage
- Free passage in the set direction
- Always free or locked

### MATERIALS

- Housing: Made in metal sheet and painted with 2010, or in stainless steel AISI 304 or AISI316.
- Barrier swings- Plastic plate, toughened glass, stainless steel frame,
- Lid (optional) —stainless steel or artificial stone (black / brown)

### COLOURS & FINISHES

- High quality powder coating plus lacquered finish
- Dark grey colour high quality powder coating plus lacquered finish
- Sandpaper powder coating with pearl mica effect

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## Features & Benefits

### MECHANISM

- Heavy-duty design for 24 hours continuous application
- Heavy duty pull type
- Indoor or outdoor application
- High durability with industrial parts
- All the running is quiet without any noise and shock

### COMMUNICATION

- Dry contact relay with 12 volt or 24 volt pulse
- Rs485, or Tcp-Ip communication with computer

### MOTOR

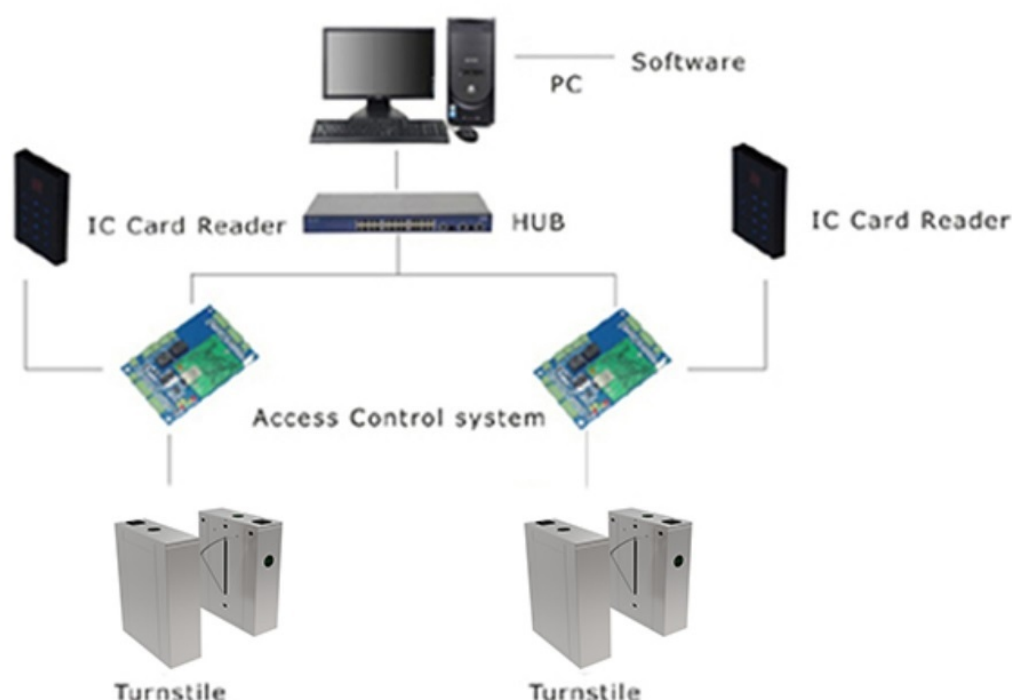
- Three million times or above test for motor
- Overheat and overload dual protection for motor



- High durability with industrial parts
- All running is quiet without any noise & shock

## Diagram

### Access Control System



### E-ticketing System



## Terminal Connection



## Dimension

