

MODEL : TS-WB1AX  
TS-WB1BX  
TS-WB1CX  
TS-WB1DX  
TS-WB1EX

ACCESS CONTROL

FLAP BARRIER

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Access Control System



TS-WB1BX



TS-WB1AX



TS-WB1CX



TS-WB1DX



TS-WB1EX

Flap turnstile(Flap barrier) is a high-tech product aimed at the pedestrian access intelligent management, which is a upgraded product based on intelligent tri-turnstile, swing barrier. This product is well-processed with full functions, high grade, and mainly used in high grade places such as top-grade community, intelligent mansion, hotel, subway, port, club etc. The product integrating with mechanism, electron, microprocessor and various identification technology is compatible with card reader devices such as RFID card, Fingscaner , bar code, computer and so on. By configuring all kinds of identification devices and adopting reliable safeguard devices, alarm devices, direction indicator etc, it is able to achieve access intelligentized control and management.

### Function and characteristics :

- With function of self-examine and alarm, it is convenient for maintenance and use.
- Being able to program running status by the small keyboard in the main board
- Flap door will stop move when it is being blocked, which prevent pedestrians from being nipped and from hurt.
- Light and sound alarm is generated when the illegal invasion and the tail followed.
- Arms are automatically locked untill opening signal is received.
- Arms synchronization (adjustable)
- Automatically reset function: It will automatically lock if the pedestrian hasn't pass through the channel in the pre-set time after the opening. The passing time is adjustable.(default time is 10sec.)
- Automatically open the gate when power off and automatically close when power on.
- Several readers devices are attachable.(IC, ID access control, fingerprint access control, barcode ticket access control, facial identification access control, time attendance machine ect.)
- One direction or bi-direction are optional.
- It can be directly controlled and managed by remote control.

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### Technical Specifications

#### Extendable functions:

- Counter(optional)
- The length of the housing (length 1.2m, 1.4m, or 1.6m are optional )
- The material of flap arm (organic glass, resin, PVC etc. optional)
- The colour of the flap arm (red, blue, yellow, colourless, etc.)

#### Main structure and configuration:

##### 1. Single mechanism type(One housing with one flap mechanism in it):

- 1 standard housing
- 1 flap arm
- 1 main control board
- 1 transformer
- 1 electromotor
- 1 set of core and transmission part Infrared sensor(Hall switch, the quantity is different according to different model)
- 1 annunciators
- 1 direction indicator



Single mechanism type

##### 2. Double mechanism type(One housing with two flap mechanisms it it):

- 1 standard housing
- 2 flap arms
- 2 main control boards
- 2 transformers
- 2 electromotors
- 2 sets of core and transmission parts Infrared sensor(Hall switch, the quantity is different according to different model)
- 2 annunciators
- 2 direction indicators



Double mechanism type

### Technical Specifications

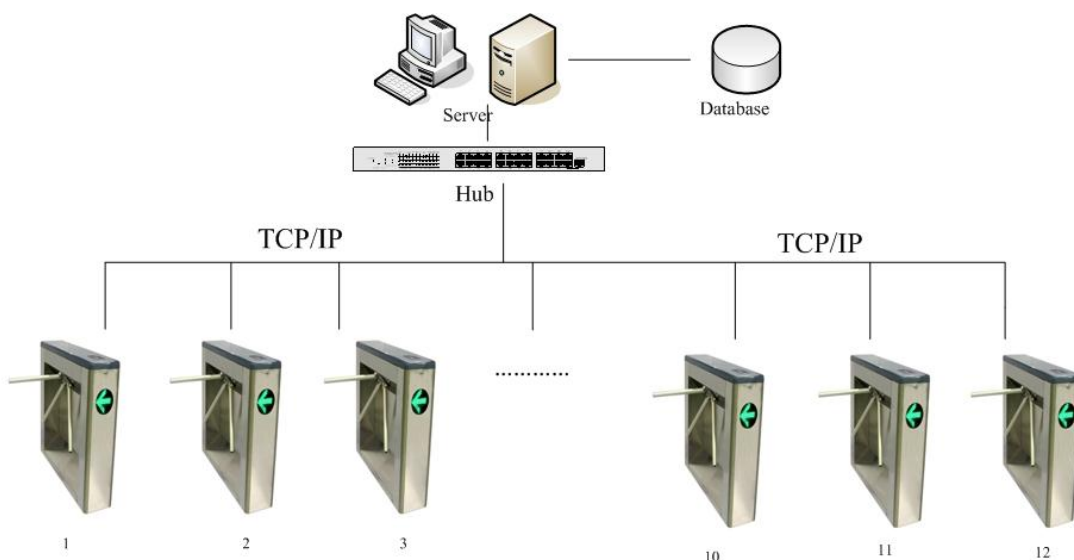
**Push Button Control** : can install push button control.

**Usage Counters** : LCD Counters to count people entering or exiting the turnstiles , can interface with Dcounter Software to make the report and monitoring at computer



**Drop Arm** : In the event of an emergency or isolation of the power supply the flap barrier arm will drop or unlock automatically to create a clear walkway for escape

**User Include** : Station, factory ,port , view spot , exhibition , swimming club restaurant ,hotel, museum, gymnasium ,club, park ,market , toilet ,subway , government , enterprise and institution, special access and so on



# FLAP BARRIER

MODEL : TS-WB1AX / TS-WB1BX / TS-WB1CX / TS-WB1DX / TS-WB1EX

## Technical Specifications



<b>Framework</b>	<b>Casework:</b> 304 grade stainless steel <b>Flap door:</b> Organic glass,or Resin ,PVC
<b>Dimension</b>	<b>TS-WB1CX :</b> 600 x 300 x 1000 mm <b>TS-WB1BX :</b> 1200 x 300 x 1000 mm <b>TS-WB1EX :</b> 1200 x 300 x 1000 mm <b>TS-WB1AX :</b> 1400 x 300 x 1000 mm <b>TS-WB1DX :</b> 1400 x 300 x 1000 mm
<b>Motor</b>	DC brush electromotor 24V
<b>Maintenance windows</b>	<b>Single type :</b> 2 <b>Double type :</b> 4
<b>Card reader windows</b>	2
<b>Time for opening or closing</b>	1 sec.
<b>Starting time after power on</b>	3 sec.
<b>Input Interface</b>	<ul style="list-style-type: none"><li>- Dry contact (Relay)</li><li>- +12V level signal</li><li>- DC12V pulse with width of more than 100ms ,driving current &gt; 10mA</li></ul>
<b>Max Flow Rates</b>	30-40 Persons / Min.
<b>Max Power Rating</b>	50VA
<b>Normal available life</b>	3,000,000 times