



# INTEGER (CHINA) TECH CO., LTD.

Integer (CHINA) TECH CO., LTD. is a leading hi-tech company, specializing in the supply all kinds of road safety products, parking lot equipments, entrance control products, gate automation products and traffic control products and related services.

With years of development, we have established long-term partnerships with many global buyers from over 50 countries around the world.

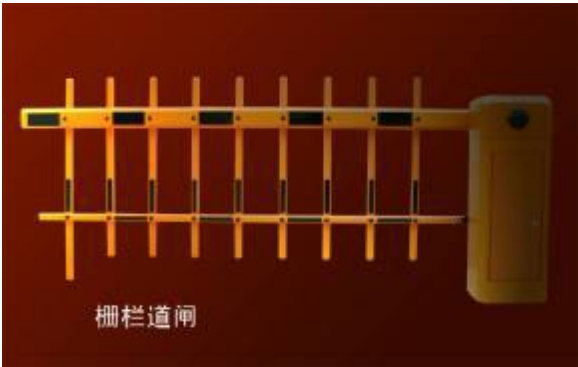
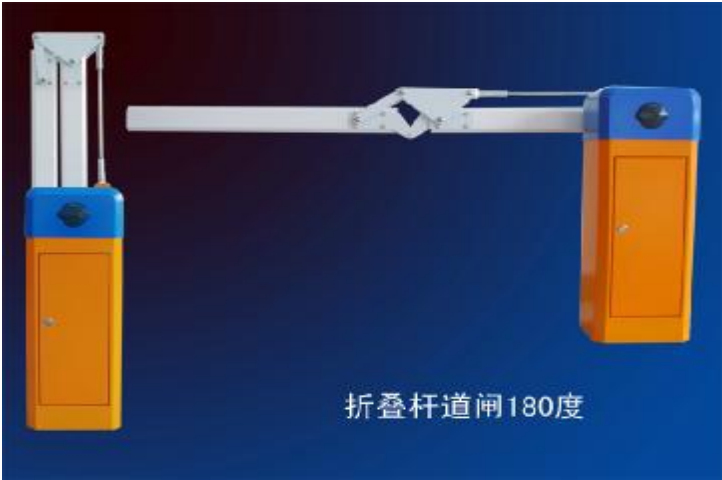
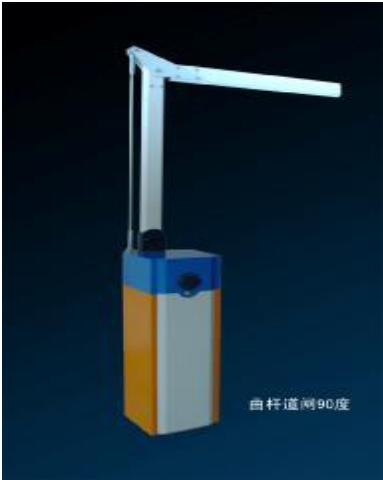
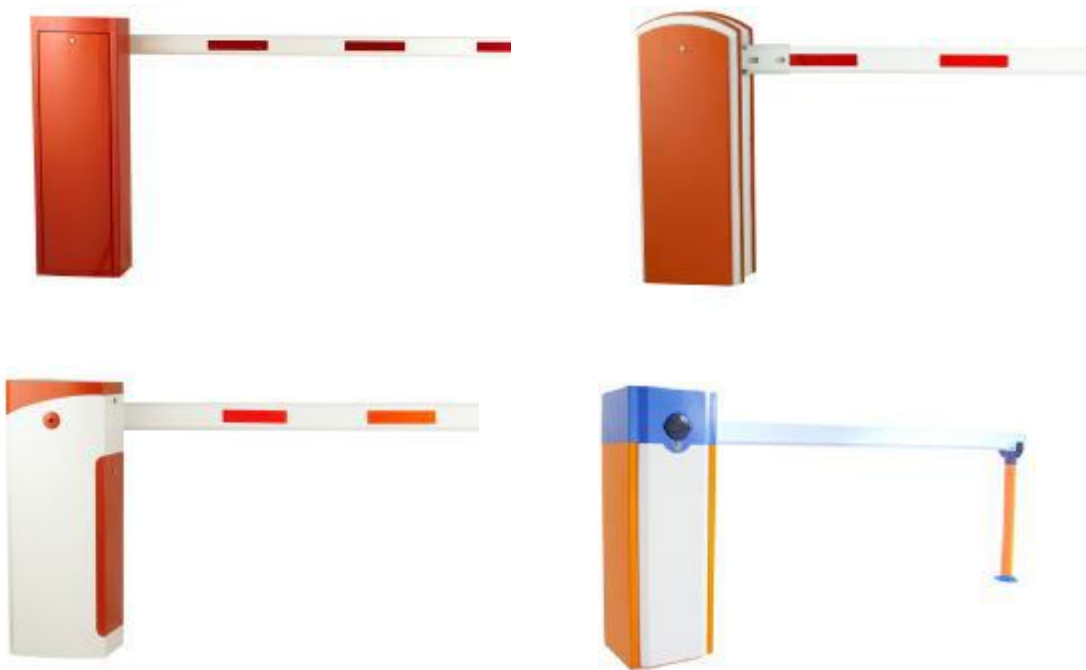
The company's main products: IC/RF ID/magnetic cards and card reader, automatic card dispenser, loop detector, card collector, tickets transport machine, Micro printer, parking guidance system and so on.

Our Mission is to satisfy customer by serving as “one-stop shopping” supplier of top-quality products. The most suitable, the best', Integer strives for proving the most suitable products to customers.

We own extensive knowledge, rich experience and high-quality products in this field to serve our customers.

We expect to make progress and develop with our customers!

*Integer Barrier Gate Image*



## *Integer Barrier Gate*

### *Application:*

Parking lots, toll gate, goods yard, railway crossing, commercial premise, apartment block access and so on.

### *Advanced Features:*

1. Clutch key can be used to open the clutch when power off.



2. Fan cooling machine reduce the motor temperature by high frequency using, never get heat-protecting. Unique temperature calefaction design for low temperature using, prevent freezing in cold weather.



3. Exactitude aluminum alloy casting motor base reduce the noise and joint abrasion to prolong the barrier gate working life.



4. Thimble type motor worm design for preventing plugging up in using.



5. Balance spring no noise and easy adjusting design



6. Double limit methods (electronic limit and motor sensor memory limit) for beam rises and falls.



Basic Features:

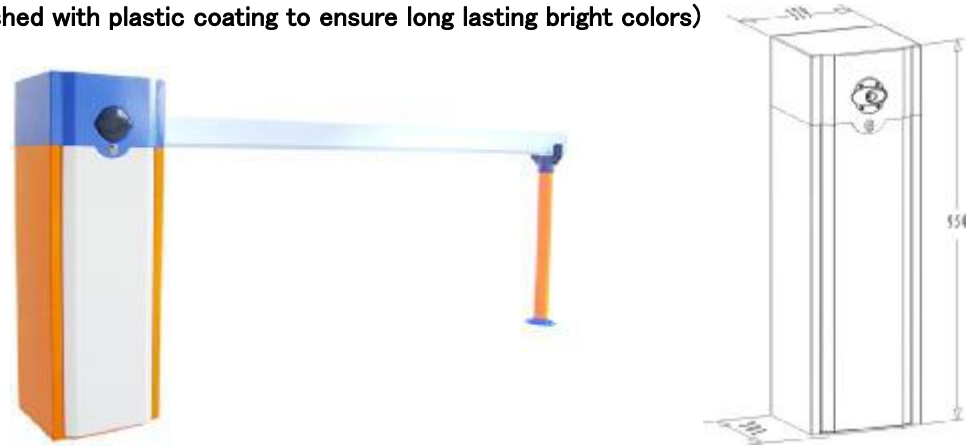
- By-security. The barrier will automatically go back when meet obstacles during closing.
- AC motor is more powerful and no maintenance.
- Beam can be chosen from 3 meters to 6 meters, and barrier closing time is also arranged from 1 second to 6 seconds.
- The barrier can be both right-installed and left-installed. ( please refer to page 9)
- All the operation process is soft without any noise and shaking.
- Infrared photocell interface, Loop detector interface and I C system interface are reserved for the other functions.
- Green light and red light are used inside for indication the position of the beam.

Specifications:

Motor	AC
Working temperature	-40° C to +75° C
Working cycle	50%
Power supply	220V±10% / 110V±10%
Rated power	120W
Opening time	1s, 3s, and 6s
Net weight	70KGS

Optional Barrier housing

(Sturdy and strong housing 2.5 mm thickness mild steel, Housing is polished, phosphorized and further finished with plastic coating to ensure long lasting bright colors)

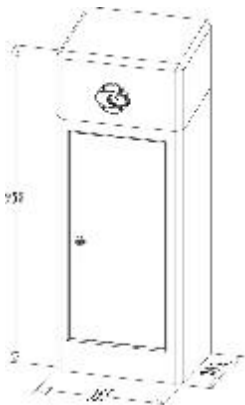


Model: IBG101

Dimension: 329\*301\*952mm



Model: IBG103



Dimension: 355\*292\*958mm



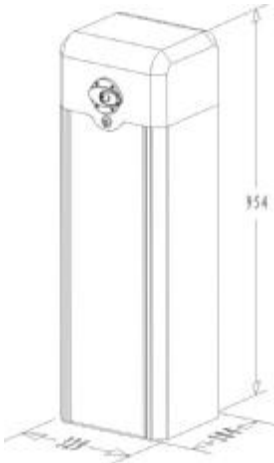
Model: IBG104



Dimension: 335\*285\*934mm

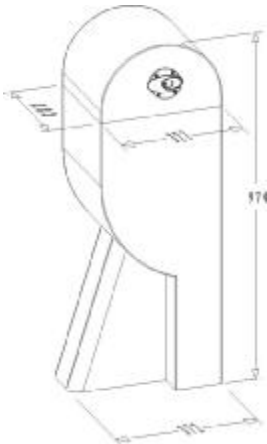


Model: IBG106



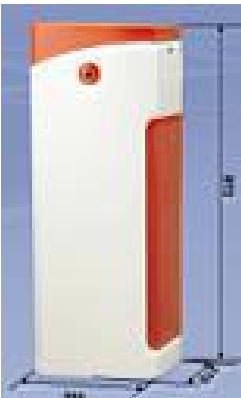
Dimension: 329\*284\*954mm

]



Model: IBG108

Dimension: 372\*282\*974mm



Model: IBG201

Dimension: 350\*270\*972 mm

*Optional Color*

We have the following 9 kinds of colors, you can choose by your request.  
Tell me the code of the color on the color board (eg: black is ECH200). And you can also adopt our original design.

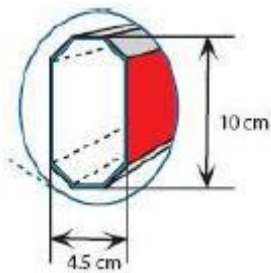




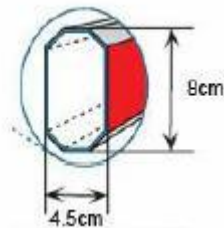
*Optional Barrier Beam*



**Straight Beam (Beam 1)**



**Big Octagon beam  
Straight Beam(3s/6s)**



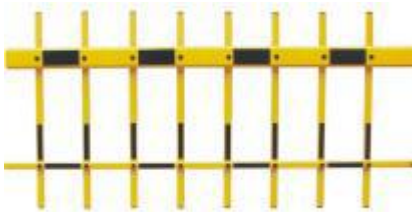
**Small Octagon beam  
Straight Swing Out Beam(1s)**



**90-Degree Folding Beam (Beam 2)**



**180-Degree Folding Beam (Beam 3)**



**Two-Fence Beam (Beam 4)**



**Three-Fence Beam (Beam 5)**



*Optional Beam holder*



**Beam holder 001**

**Feature:**

- 1. Swing out function
- 2. Small octagon beam
- 3. Especial for 1 second barrier gate



**Beam holder 002**

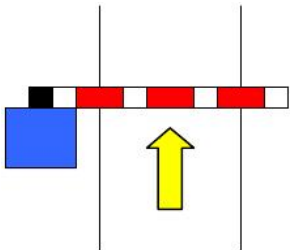
**Feature:**

- 1.No Swing out function
- 2.Big Octagon beam
- 3.Especial for 3 seconds and 6 seconds barrier gate

*Optional Direction of Closing*

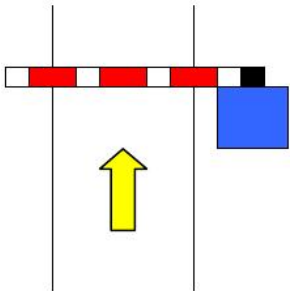
**Left-installed (L)**

It means install on the left side, then the beam close by the right side, so we call it “left-installed” (L)



**Right-installed (R)**

It means install on the right side, then the beam close by the left side, so we call it “right-installed”



*Components (the whole set including the following 8 items)*

- 1. Machine Core
- 2. Housing
- 3. Beam
- 4. Control Panel
- 5. Remote Emitter
- 6. Remote Controller (2 pieces)
- 7. Clutch Key
- 8. Supporting Pole
- 9. Infrared Photocell (optional)
- 10. Loop detector (optional)



*Pictures of the Components*



Remote Emitter



Remote Controller



Clutch Key



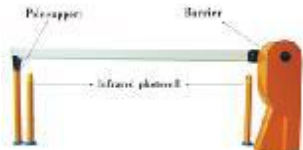
Supporting Pole



Infrared Photocell (optional)  
Model: WJPJ101 (with stand)



Infrared Photocell (optional)  
Model: WJPJ102 (without stand)



**Infrared Photocell is for safe function optional.**

ADD: 4th floor,3 buliding, Xingzhongzheng indurstial park,Jihua Road, Bantian,Longguangdistrict, Shenzhen,Guangzhou,China  
Website: [www.parkingparts.com/en/](http://www.parkingparts.com/en/)  
MSN: [chinainteger@gmail.com](mailto:chinainteger@gmail.com)  
Tel: 0086-755-86098563 (20lines)  
Skype: chinainteger

*Barrier gate IBG501*

*Features:*

- \*New design with LED display screen, available for many kinds of fonts, such as Chinese, English.
- \*New design with Red & Green lights, when the beam open up to 90 degrees, green light flashing, when the beam in the process of operation, red light flashing.
- \*Nice housing design, compactly install all the wires.
- \*Fan cooling design can reduce the motor temperature by high frequency using, meanwhile prolongs the life of the motor.
- \*Exactitude aluminum die-casting motor can reduce the noise and prolong the life of the machine core.
- \*Double electronic processing limited protection design can increase the precision and reliability of the limited controlling.
- \*Thimble type motor worm design can avoid the plug-up when it is running.



	<i>Motor</i>	<i>AC</i>	
	<i>Working Temperature</i>	<i>-40° C - 75° C</i>	
	<i>Power Supply</i>	<i>220V±10%/110V±10%</i>	
	<i>Rated Power</i>	<i>120W</i>	
	<i>Opening Time</i>	<i>1s, 3s, 6s</i>	
	<i>Weight</i>	<i>70kg</i>	
	<i>Dimension</i>	<i>98cm*35cm*40cm</i>	

*New models of barrier gate ----- IBG301, IBG302*



IBG302

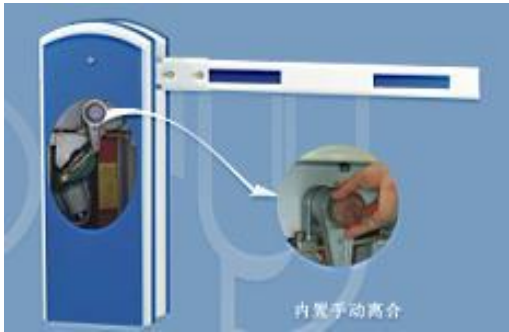


IBG301

Dimension: 390\*300\*996 mm

**New Features:**

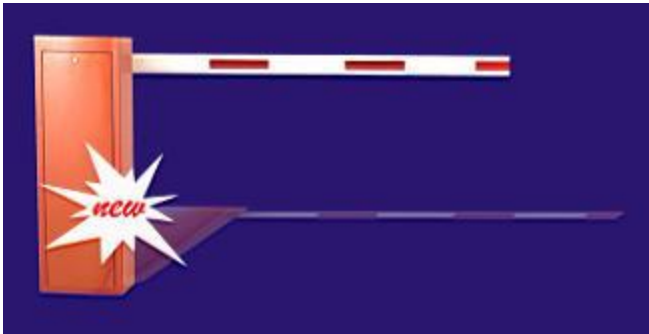
- 1. It can be installed in both the right and left side of the gates because the appearances of the two sides are the same.
- 2. When power off, you can open the clutch by hand, so there is no need to use the clutch key.



**Specifications:**

Motor	AC
Working temperature	-40° C to +75° C
Working cycle	50%
Power supply	220V±10% / 110V±10%
Rated power	120W
Opening time	3s, 6s
Weight	75KGS

*New models of barrier gate ----- DC motor*



Dimension:350\*210\*1010mm

IBG401

*Specifications:*

Motor	DC
Working temperature	-40° C to +75° C
Working cycle	50%
Power supply	110V~250V
Rated power	120W
Opening time	1s~2.5s can be adjustable, 3s~6s can be adjustable
Weight	55KGS

**New Features:****1. DC motor***(motor image)*

2. When power off, the clutch will open automatically. While it will close automatically when power on. Double safety insurances including

**Mechanical-limits & electrical-limits.**



**Electrical-limit**



**Mechanical-limit**

*(Clutch image)*

3. Power supply can be detected automatically from 110V to 250V.
4. The barrier beam can close in bi-direction, the user can transfer the direction easily by themselves.
5. The speed of the beam-open and beam-close can be adjusted from 1-2.5 seconds or 3-6 seconds.
6. No iron gear pole inside, then the life of the barrier will be longer.

## *Integer Card Reader*



### Features:

#### ***IBGR112***

- 1) Output OPEN switch signal when card is read
- 2) After delaying for 17 seconds, output STOP switch signal.
- 3) After delaying for 27 seconds, output CLOSE switch signal.

### Technical data:

- 1) Power supply: 110VAC, 50/60Hz  
220VAC, 50/60Hz
- 2) Working temperature:  $-10^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$
- 3) Relative humidity: 90%
- 4) Card reading distance:  $\leq 10\text{cm}$
- 5) Signal output: switch signal
- 6) Rating output: 1A 240VAC / 1A 30VDC

### Functions:

- 1) Open the door by scanning the card
- 2) After the door is opened, the system will execute delayed stop
- 3) After being stopped for a specific time, the system will automatically send a signal to close the door
- 4) The system can be configured with a card reader, allowing addition and deletion of users
- 5) The system supports linear or remote-controlled signal transmission, facilitating installation, and realizing "One Card Through"



## *Integer Card Reader*



***IBGR113***

### Features:

- 1) Output OPEN switch signal when card is read
- 2) After delaying for 17 seconds, output STOP switch signal.
- 3) After delaying for 27 seconds, output CLOSE switch signal.

### Technical data:

- 1) Power supply: 110VAC, 50/60Hz  
220VAC, 50/60Hz
- 2) Working temperature:  $-10^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$
- 3) Relative humidity: 90%
- 4) Card reading distance:  $\leq 10\text{cm}$
- 5) Signal output: switch signal
- 6) Rating output: 1A 240VAC / 1A 30VDC

### Functions:

- 1) Open the door by scanning the card
- 2) After the door is opened, the system will execute delayed stop
- 3) After being stopped for a specific time, the system will automatically send a signal to close the door
- 4) The system can be configured with a card reader, allowing addition and deletion of users
- 5) The system supports linear or remote-controlled signal transmission, facilitating installation, and realizing "One Card Through"

## *Integer Card Sender*



### ***IBGS103***

#### Features:

- 1) Add and delete IC card quantities by hand or by reading the card
- 2) Send the IC card data from the send card machine to the read card machine via serial communication
- 3) Can store a maximum of 2,500 IC cards

#### Technical data:

- 1) Power supply: DC 5V, 500mA
- 2) Working temperature: -25 to +75° C
- 3) Relative humidity: <90%
- 4) IC card number display mode: hexadecimal
- 5) IC card capacity: 2,500 pieces
- 6) Communication mode: serial communication

# Integer Sliding Gate Operator

Features:

- It is an integration machine of mechanism and electronics. No need to install another controller.
- Opening, closing and stop are controlled by radio controller or line controller.
- Soft start ensures the machine works smoothly.
- If meet obstacle when closing, it will automatically open and close in 10 seconds.
- Alarm light will inform you that the door is moving.
- Photocell connecting interface.
- Automatically return for resistance.

## Sliding Gate Operator IPMK201



Specifications:

- Working temperature: -40°C to +75°C
- Rated voltage: 220V ± 10%, 50Hz/60Hz      110V ± 10%, 50Hz/60Hz
- Rated power output: 300W
- Work mode: S2=25%
- Relative humidity: ≤90%
- Remote control distance: ≥30M
- Gear modulus: M=4
- Gear tooth number: Z=22
- Gear rotate rate: n=48rpm
- Opening (Closing) Speed: V=13.4M/min
- Motor torsion value: 40nm
- Motor maximal pull: 930N
- Maximum door weight: ≤1,600KG
- Main material: Aluminium alloy and steel

***Sliding Gate Operator IPMK301*****Specifications:**

- Working temperature:  $-20^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$
- Rated voltage:  $220\text{V} \pm 10\%$ , 50Hz/60Hz       $110\text{V} \pm 10\%$ , 50Hz/60Hz
- Rated power: 120W
- Work mode: S2
- Relative humidity:  $\leq 90\%$
- Remote control distance:  $\geq 30\text{M}$
- Gear module:  $M=4$
- Gear tooth number:  $Z=16$
- Gear rotate speed:  $n=62\text{rpm}$
- Opening (Closing) Speed:  $V=12.4\text{M/min}$
- Motor torsion value: 26nm
- Motor maximal pull: 406N
- Maximum door weight:  $\leq 500\text{KG}$
- Main material: Aluminium alloy and steel

**Optional Components:**

Infrared photocell  
(optional)



Gear rack  
(optional)



Alarm light  
(optional)

**IPMK201 & IPMK301, The whole set including the following items:**

1. Gate Opener(1 piece):(including control box and gear box)
2. Emitter(1 piece)
3. Clutch Key(2 pieces)
4. Remote Control(2 piece)
5. Base Board (1 piece)
6. Limit Iron(2 pieces)
7. Photocell (optional)
8. Gear Rack (optional)
9. Alarm Light (optional)

Swing Gate Operator

Functions:

- Close, Open, Stop, one side door (Remote control)
- Caution light, Courtyard Spotlight (Light time can be adjusted)
- Automatically close the door by extended time period.
- Operation time can be adjusted
- Motor power can be adjusted
- Soft start-up

Protecting function:

- Defend collision when open the door
- Defend collision when close the door
- Defend collision, clip and stop when meet obstacle

WJKMB101



AC Swing Gate Operator

Specification:

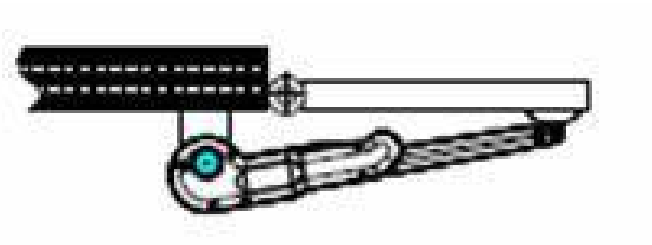
- Power:120W(AC)
- Working voltage:220V(110V)
- Running speed:1400n/min
- Shift gears:1:30
- Output axis running speed: 46.5n/min
- Output axis square:17mm
- Max Handspike: 300mm
- Handspike speed: 16.88mm/s
- Max door weight:300kg
- Max door width:2.5m

ADD: 4th floor,3 buliding, Xingzhongzheng indurstial park,Jihua Road, Bantian,Longguangdistrict, Shenzhen,Guangzhou,China  
Website: [www.parkingparts.com/en/](http://www.parkingparts.com/en/) Tel: 0086-755-86098563 (20lines)  
[MSN: chinainteger@gmail.com](mailto:chinainteger@gmail.com) Skype: chinainteger

WJKMB201

Specification:

- Power:72W(DC)
- Working voltage:24V
- Shift gears:1:2733.75
- Output axis running speed: 3.98n/min
- Output axis square:120mm
- Max door weight: 200mm
- Handspike width: 2m(single door)
- Max open angle: 140°
- Open (close) time: ≥7.2s adjustable



DC Swing Gate Operator

Optional Components:



Infrared photocell  
(optional)



Alarm light  
(optional)

# Integer Turnstile

## Description for Tripod Turnstile

Made of 304 Grade Stainless Steel, with antirust feature, firm crust and easy maintenance.  
Can be installed indoors or outdoors  
Can be controlled in one or both directions  
Allows one passenger at a time  
Normally open and turnstile will unlock when a valid signal is received  
Turnstile will lock automatically if passage is not completed within the pre-set time  
The tripod will automatically open when there is no power, or may be manually opened to provide escape in the event of an emergency

## Vertical Tripod Turnstile



Model: ISG001



Model: ISG0012



Model: ISG0013

## Vertical Series Product Parameter

Dimensions	L*W*H=420 × 330 × 980mm
Transit Speed	20 to 30 persons per minute(adjustable)
Stainless Steel Thickness	Thickness of the cover is 1.5mm, the housing is 1.2mm
Stainless Steel Type	304 Grade
Arm Length	510mm
Arm Height	800mm
Weight	45KG
Computer Interface	RS485
Communication Efficient Distant	D≤1200Meter
Dry Contact	100ms, DC12V, 10mA
Power supply	AC 220V/110V, 50Hz/60Hz
Operating environment	-15°C~60°C
Relative Humidity	H≤90%



Bridge-type Tripod Turnstile



Model: ISG002



Model: ISG0021



Model: ISG0022



Model: ISG0023



Model: ISG0024

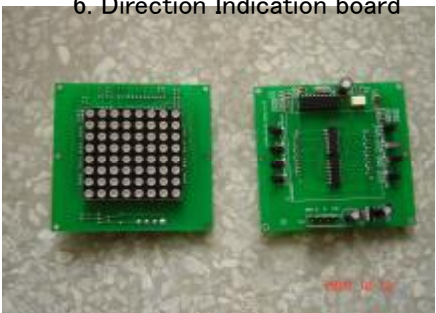
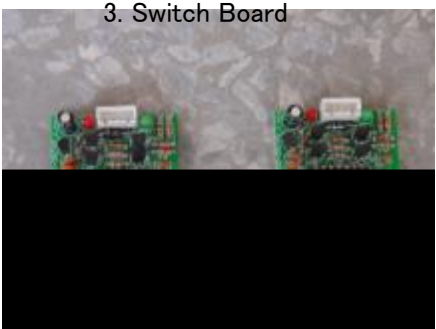
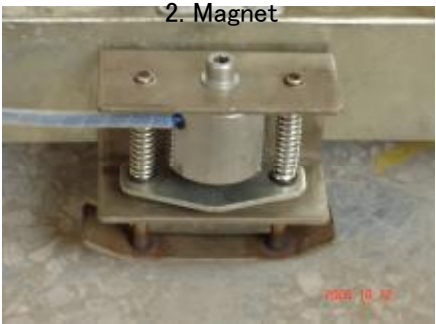


Model: ISG0025

Bridge-type Series Product Parameter

Dimensions	L*W*H=1200×280×990mm
Transit Speed	20 to 30 persons per minute(adjustable)
Stainless Steel Thickness	The cover is 1.5mm, the housing is 1.2mm
Stainless Steel Type	304 Grade
Arm Length	510mm
Arm Height	800mm
Weight	75KG
Computer Interface	RS485
Communication Efficient Distance	D≤1200Meter
Dry Contact	100ms, DC12V, 10mA
Power supply	AC 220V/110V, 50Hz/60Hz
Operating environment	-15℃~70℃
Relative Humidity	RH≤90%

Spare parts of the turnstile

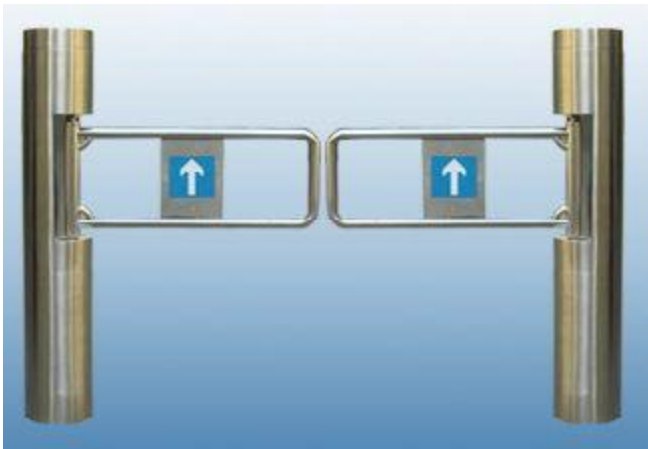


# Swing Barrier

1. Operation

- [1] Two direction running / One direction running.
- [2] Two LED direction indications.
- [3] Opening/Closing time: 2.5 seconds.
- [4] Close automatically after adjustable time delay.
- [5] Run to the reverse direction when the operation blocked.
- [6] Keep open/close status when the power supply failure.

2.Can connect various access controllers. Such as IC/ID reader/Writer, button controller, barcode controller, code controller, fingerprint controller, computer and so on. And be made of 304 Grade Stainless Steel



Model: ISG2044

Parameter

Dry contact	DC12V, 10mA
Computer Interface	RS485 interface
Pulse voltage signal	More than 100ms
Passageway width	≤1200mm
Power supply	AC220/AC110, 50Hz/60Hz
Operating temperature	-15℃~+70℃
Relative Humidity	≤90%
Arm length	600mm
Dimension	φ 168 × 1050mm
Weight	65KG/Pair



Model: ISG2043



Model: ISG2046

Parameter

Dry contact	DC12V, 10mA
Computer Interface	RS485 interface
Pulse voltage signal	More than 100ms
Passageway width	≤1200mm
Power supply	AC220/AC110, 50Hz/60Hz
Operating temperature	-15℃~+70℃
Relative Humidity	≤90%
Arm length	600mm(Can be made to order)
ISG2043 Dimension	L*W*H =1200 × 280 × 1000mm
ISG2046 Dimension	L*W*H =380 × 280 × 1000mm
Weight	75kg



Model: ISG2045

Parameter (Manual Swing Barrier)

Configuration	Stainless steel frame
Arm length	600mm(Can be made to order)
Direction	Single direction
Weight	20Kg
Dimension	Φ 89x960

n

Wing Barrier



Model :ISG203

Model: ISG2034

Model: WJSGZ2035

1. Operation:
- [1] Two directions controlled / One direction controlled
  - [2] LED direction indication
  - [3] Flowing speed:
    - 50 people / minute in the opening mode.
    - 30 people / minute in the closing mode.
  - [4] Illegal invasion sound alarm.
  - [5] Anti-strike function
  - [6] Keep open / close status when the power off.

Wing Barrier Parameter

Dry contact	DC12V, 10mA.
Computer Interface	RS485
Pulse voltage signal	More than 100ms.
Passageway width	≤580mm
Power supply	AC220V / AC100V, 50HZ / 60HZ
Operating temperature	-25℃-60℃
Relative Humidity	≤95%
Stainless steel thickness	The cover is 1.5mm, the housing is 1.2mm
Dimension	L*W*H=1200 × 350 × 1000mm
Weight	85KG/unit

2. Can connect with various access controllers, such as IC/ID card reader, IC/ID card sender, button controller, barcode controller, fingerprint controller, computer and so on. And be made of 304 Grade Stainless Steel

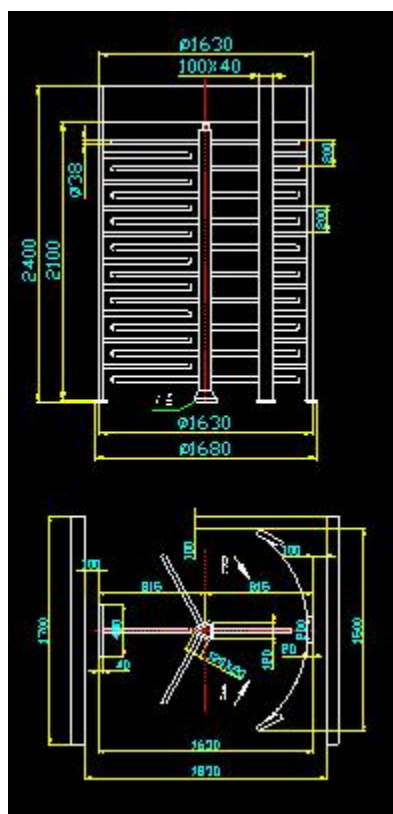
## Full Height Turnstile

### 1. Specification

- [1] working voltage: 220V
- [2] control voltage: 12V
- [3] power: 80W
- [4] input connector: switch signal
- [5] working temperature:  $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- [6] working humidity: 95%
- [7] material: 202 stainless steel
- [8] weight: 200KGS
- [9] dimension: 1630\*1500\*2000

### 2. Function

- [1] manual opened after read the cards, automatic restoration
- [2] pass by two directions
- [3] three gates are in close state all the time
- [4] circumgyrate 120 degree every time when you circle the gates



Model: ISG4055



