The Fujica Range

Pedestrian & Parking Management Systems

DallasDelta
Corporation Pty. Ltd.

www.dallasdelta.com

Flemington Race Course, Melbourne (Melbourne Cup Day)

DallasDelta Corporation Pty. Ltd.

T: +613 9387 7388
E: sales@dallasdelta.com

F: +613 9387 3128
www.dallasdelta.com

Contents

OVER 35 YEARS EXPERIENCE...

Established in 1980, we have a proven track record as manufacturer of affordable, durable and standards compliant telecommunications products.

Dallas Delta Corporation

is an established and respected provider of specialist communications equipment.

We design and manufacture our own products in Melbourne and have many thousands of satisfied customers within Australia and internationally.

To expand our extensive range of equipment we have partnered with **Fujica** to offer customers a unique range of Pedestrian Management Systems. (Imported from Shenzhen China)

Our aim is to supply customers with a quality product and great service for the life of their product. We believe in a good customer relationship which gives our clients the support they need in order to establish and build their business.

Key Benefits

Competence – We have a proven track record of exceeding customer expectations and manufacturing products that last in the field under extreme conditions.

Capability – We design and manufacture all Dallas Delta branded products in-house.

Standards Compliant – We ensure our products conform to the required standard of each project and regulatory body.

Low Total Cost of Ownership – Our products are reliable and have a high MTBF rating. With our vandal resistant panel designs and our weather resistant enclosures to protect the mechanical components, our products have been proven reliable and time tested since our establishment in 1980.

Assurance of Supply – We manufacture our own products and have the necessary infrastructure to design and produce our PCB's using our own pick and place machines and testing equipment.

Competitive Prices – Our purchase prices compare very favourably and when combined with the long-term reliability and serviceability of our units the total cost of ownership is substantially lower than our competitors.

Responsive – We work closely with our clients to deliver our products and services in a timely manner.

Over 35 Years Experience – We have a proven track record as manufacturer of affordable, durable and standards compliant telecommunications products.

Bespoke Product Design & Development – Our team of design engineers thrive on the challenge of developing custom solutions for our clients.

In-house Manufacturing – We manufacture all our own designs in-house. Our factory boast a full SMD PCB assembly line. This ensures a high level of quality and responsiveness to client needs and if required all our products can be repaired in-house. We service units that are well over 10 years old.

The **Fujica** Systems are manufactured in Shenzhen China and have 500 staff members, including a very strong R&D team with 50 engineers and technicians. They are always ready to meet your OEM/ODM requests.

Quality – Dallas Delta is an ISO 9001:2008 certified company.

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FUJICA

Established in 2004, **Fujica System Co**., Ltd. Is a professional developer and manufacturer of intelligent equipment systems, providing complete solutions for pedestrian access control and parking control.

After years of experience in intelligent system applications, they have broken the traditional rules to achieve a revolution in intelligent systems incorporating new concepts with a modern industrial style.

Fujica Pedestrian Control products include: Flap barriers, Swing barriers and Tripod turnstiles. All products can be combined with an intelligent card reader/writer hardware and software systems, to make a complete pedestrian management solution such as entrance controls, time attendance and pedestrian volume controls.

"Pedestrian management systems designed for controlling crowds at entry points"

Fujica products can be widely used in stadiums, racecourses, high-rise buildings, tourist hotspots, trains stations and any location that requires high volume crowd management.

As one of the leading companies in the industry, Fujica Systems have gained a good reputation both at home and abroad.

Fujica have a over 500 staff members, including a very strong R&D team with 50 engineers and technicians. They are always ready to meet your OEM/ODM requests. Backed by the experience and creativity, the products feature reliable performance and unique functions.

Making the best intelligent products in China, Fujica is adhering to the objective of "leading at home, famous in the world".

For more information about Fujica systems please visit www.dallasdelta.com

System network topology chart

FIGURE 1

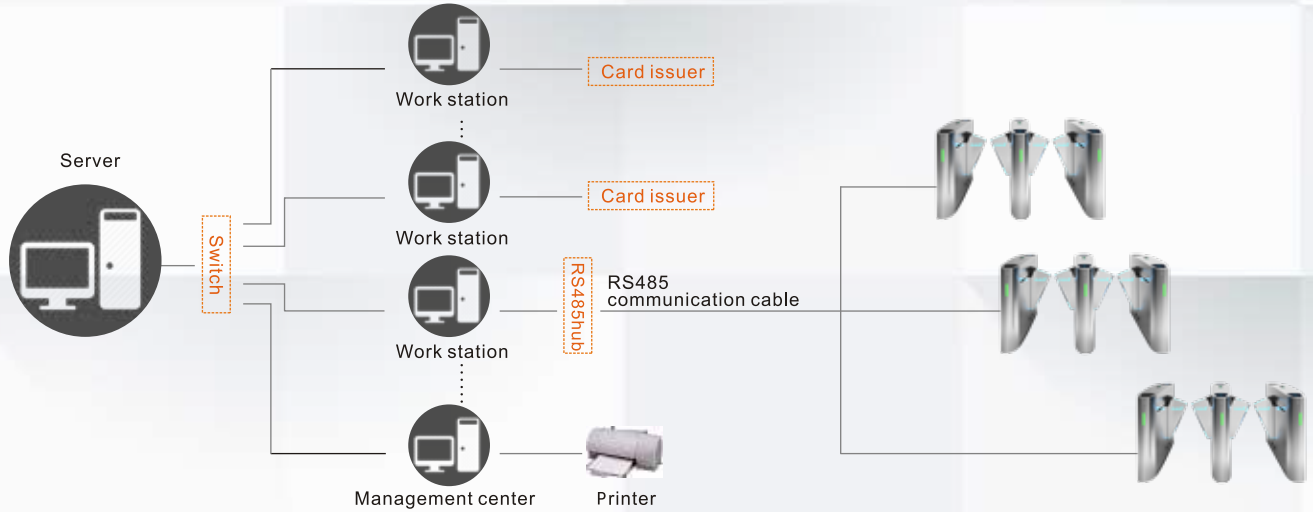
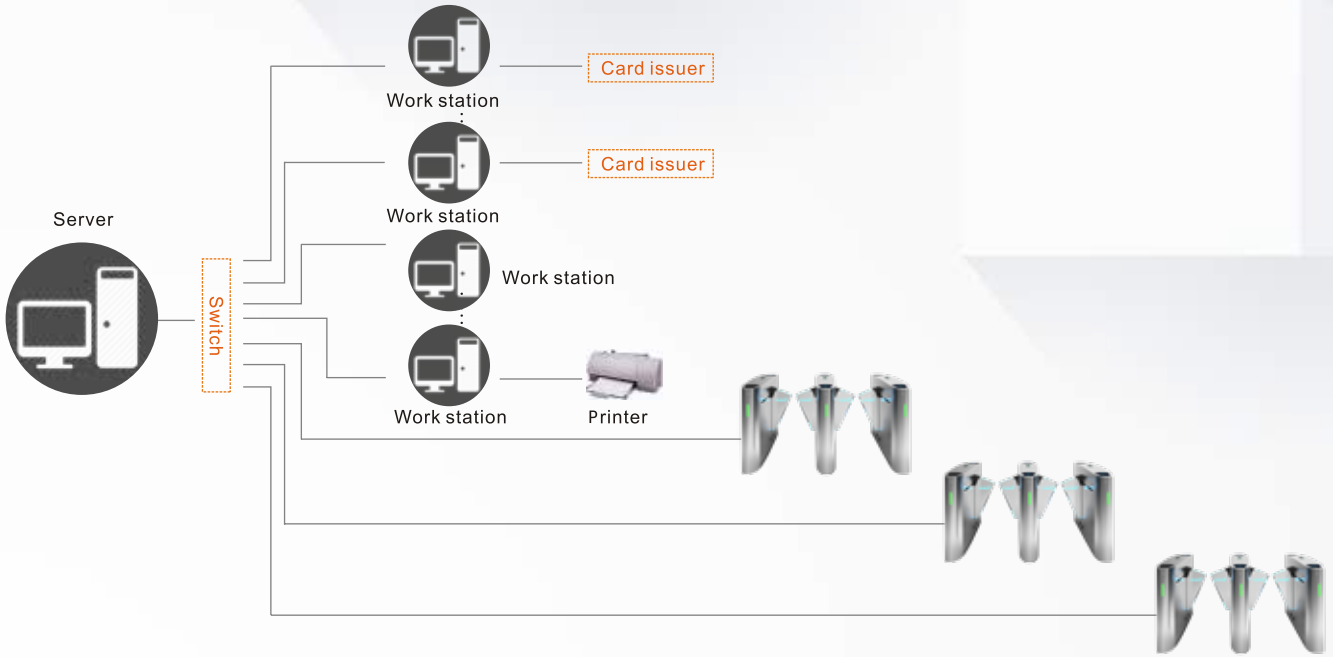


FIGURE 2



Flap Barrier

Pedestrian Management Systems

The Flap Barrier System using the Intelligent Card Reader/Writer Management is a designed to help manage pedestrian movement in public locations.

Features include; entrance control, time attendance and pedestrian volume control. The Flap Barriers can be used indoor and outdoor, with a working temperature that can range between -30°C to +70°C.

They can allow up to 40 people per minute to pass though. This volume can be controlled and set to a reduced crowd volume.

For more information about Fujica Systems please visit www.dallasdelta.com

Features

Compatible with RFID Card Access Control System

Can be expanded to automatic identification system, realizing functions like access control, pedestrian flow control, attendance check or fare collection

Equipped with international standard electrical interface, can be easily integrated with other R/W devices, also can be controlled and managed through remote supervision computer

The flaps will open automatically during power interruption, and recover N/C mode after power on (optional)

Infrared photocell protection

LED direction indicator

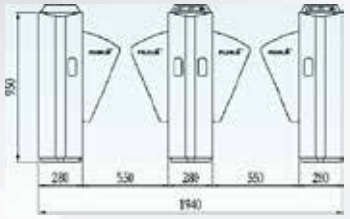
Can open the gate by two input signals

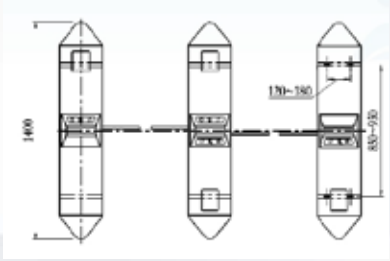
Audible sound prompt and information display function available

Counting function

Heating equipment for low temperature (optional).

Flap Barrier FJC-Z1138



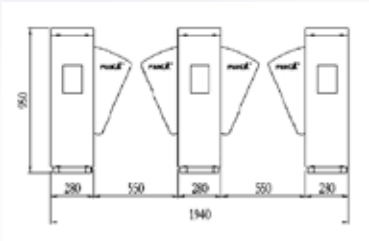


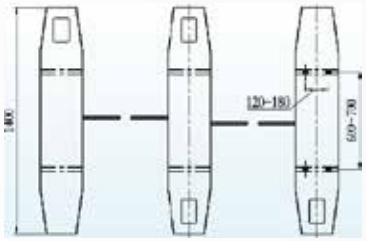
Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	3,000,000 cycles
Channel width	500-550 mm
Pass speed	40 persons/min.
Input interface	switch volume or 12V level
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W

Technical Data

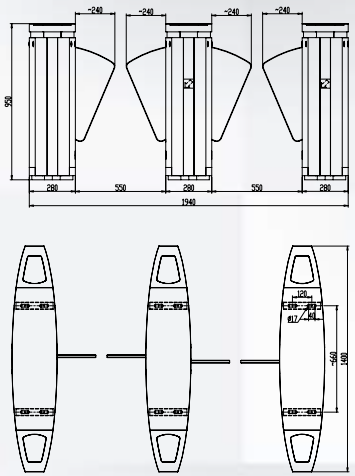
Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	3,000,000 cycles
Channel width	500-550 mm
Pass speed	40 persons/min.
Input interface	switch volume or 12V level
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W





Flap Barrier FJC-Z1248

Flap Barrier FJC-Z1358

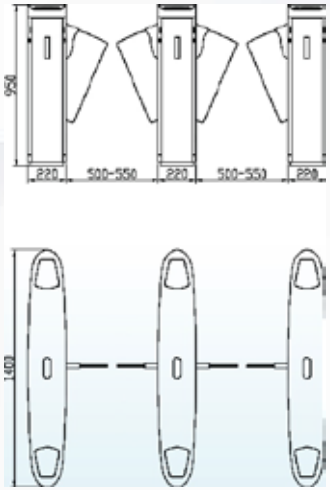


Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	3,000,000 cycles
Channel width	500-550 mm
Pass speed	40 persons/min.
Input interface	switch volume or 12V level
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W

Technical Data

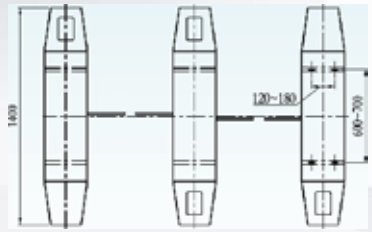
Housing material	304 stainless steel
Working enviorment	Indoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	3,000,000 cycles
Channel width	500-550 mm
Pass speed	40 persons/min.
Input interface	switch volume or 12V level
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W

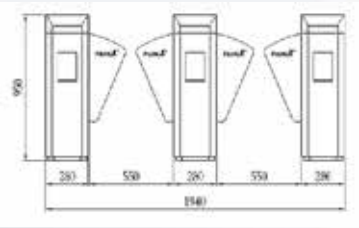


Flap Barrier FJC-Z1368

Flap Barrier
Pedestrian Management Systems

Flap Barrier FJC-Z1118



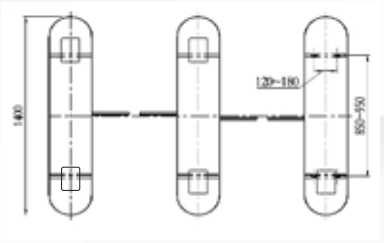


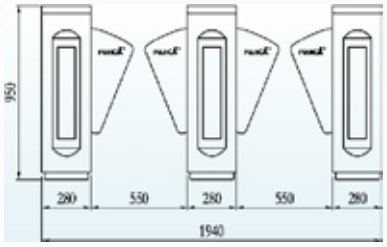
Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	3,000,000 cycles
Channel width	500-550 mm
Pass speed	40 persons/min.
Input interface	switch volume or 12V level
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W

Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	3,000,000 cycles
Channel width	500-550 mm
Pass speed	40 persons/min.
Input interface	switch volume or 12V level
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W





Flap Barrier FJC-Z1128

Swing Gate

Pedestrian Management Systems

The Swing Gate is a bi-directional system that can allow the pedestrian flow from both entry to exit directions.

Features include; entrance control, time attendance and pedestrian volume control. The Fujica Swing Gates can be used indoor and outdoor (outdoor on select models), with a working temperature that can range between -30°C to +70°C.

Built from high grade 304 stainless steel, it's a robust enclosure designed for high volume public usage.

Fujica products are widely used in busy public locations. They can allow between 25 to 30 people per minute to pass though, which can be reduced and set to control the volume of a crowd entering.

For more information about Fujica Systems please visit www.dallasdelta.com

Features

RFID card reader compatible with a variety of cards, such as IC, EM card, bar code ticket and magnetic card etc.

Can be expanded to automatic identification system

Control, pedestrian flow control, attendance check and fare collection

International standard electrical interface, can be easily integrated with other R/W device

Bi-directional indicating window

Infrared photocell protection

Invalid entering alarm

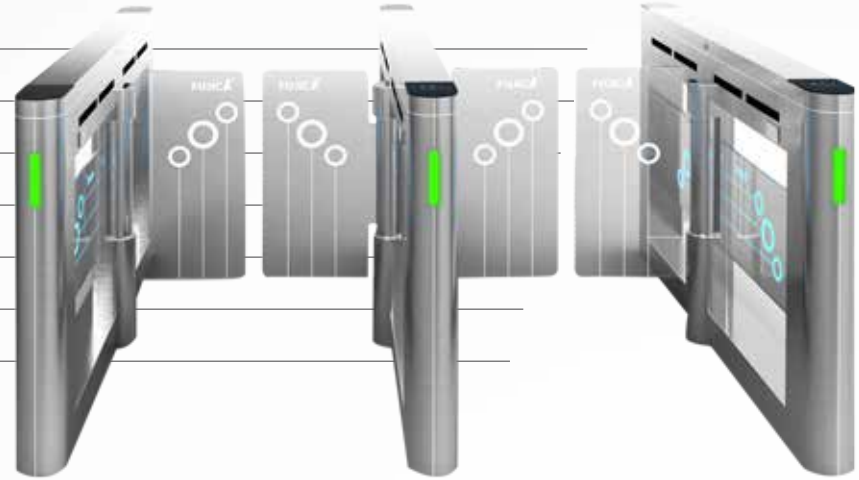
LED gate direction indicator

Audible sound prompt and information display optional

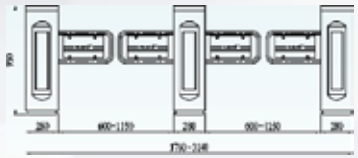
Counting function

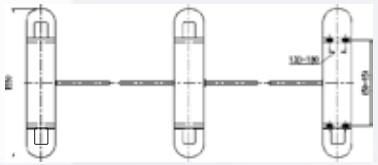
Alarm against reverse direction passing

Heating equipment for low temperature (optional)



Swing Gate FJC-Z2228



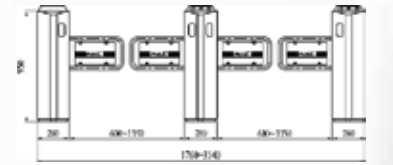


Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	1,000,000 cycles
Channel width	two units: 600-1150mm
Pass speed	25 persons/min.
Input interface	switch volume or 12V level
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W
Swing angle	±90 degrees

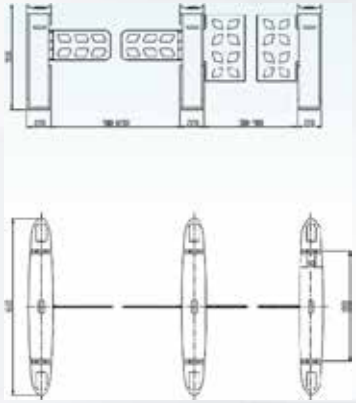
Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	1,000,000 cycles
Channel width	two units: 600-1150mm
Pass speed	25 persons/min.
Input interface	switch volume or 12V level
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W
Swing angle	±90 degrees



Swing Gate FJC-Z2238

Swing Gate FJC-Z2368

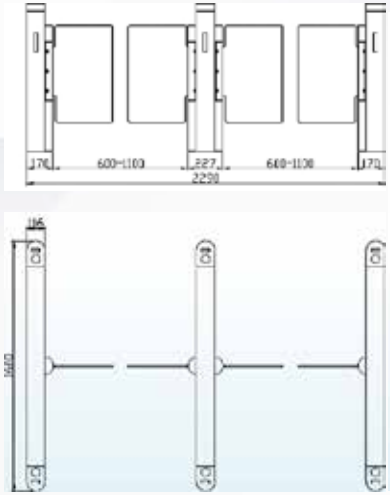


Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor
working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	1,500,000 cycles
Channel width	500-1150mm
Pass speed	30 persons/min.
Input interface	switch volume or 12V level
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W
Swing angle	±90 degrees

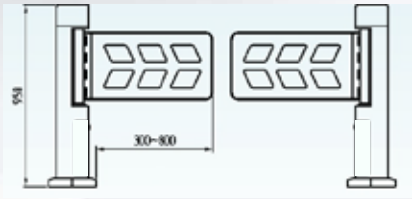
Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor
working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	1,500,000 cycles
Channel width	600-1100mm
Pass speed	30 persons/min.
Input interface	switch volume or 12V level
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W
Swing angle	±90 degrees



Swing Gate FJC-Z2358

Swing Gate
Pedestrian Management Systems



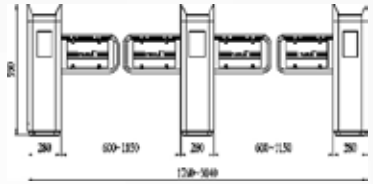
Swing Gate FJC-Z2148

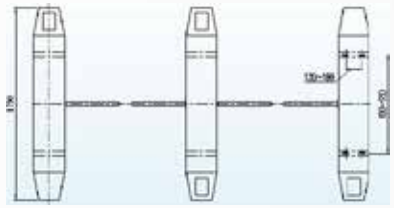
Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	1,000,000 cycles
Channel width	single unit≤800mm
Pass speed	25 persons/min.
Input interface	switch volume
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W
Swing angle	±90 degrees

Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	1,000,000 cycles
Channel width	two units: 600-1150mm
Pass speed	25 persons/min.
Input interface	switch volume or 12V level
Power supply	AC 220V/110V (optional)
Communication interface	RS485
Power	50W
Swing angle	±90 degrees





Swing Gate FJC-Z2218

Tripod Turnstile

Pedestrian Management Systems

The Tripod Turnstile System using a RFID card reader can help manage pedestrian movement in busy public locations.

With it's modern aesthetic design it can suit corporate entrances, or any busy public locations. Allowing up to 25 people per minute to pass though, which can be reduced and set to control the volume of a crowd entering.

Features include; entrance control, time attendance and pedestrian volume control. The Fujica Tripod Turnstiles can be used indoor and outdoor (outdoor on select models), with a working temperature that can range between -30°C to +70°C.

Manufactured from high grade 304 stainless steel, it is built to last and has an MCBF of 2,000,000 cycles.

For more information about Fujica systems please visit www.dallasdelta.com

Features

Three kinds of operation available: Automatic / motorized, semi-automatic / solenoid, mechanical

Can be expanded to use RFID systems, pedestrian flow control, attendance check or fare collection

Can open the turnstile by two input signals

One direction or two directions optional

Arm drop in the event of a power failure

Counting function available

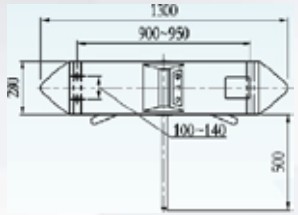
Voice prompt and display screen available (optional)

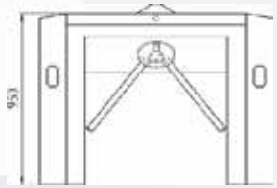
Alarming output for pushing the railing without permission (optional)

Tripod Turnstile

Pedestrian Management Systems

Tripod Turnstile FJC-Z3338



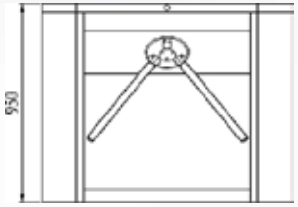


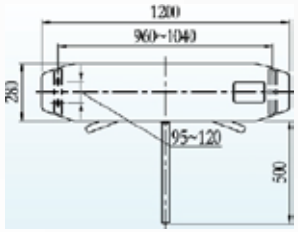
Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	2,000,000 cycles
Channel width	550-600 mm
Arm length	500 mm
Arm turning angle	120°
Arm turning direction	Two directions
Power supply	AC 220V/110V (optional)
Pass speed	25 persons/min.
Communication interface	RS485
Power	50W

Technical Data

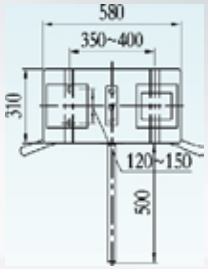
Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	2,000,000 cycles
Channel width	550-600 mm
Arm length	500 mm
Arm turning angle	120°
Arm turning direction	Two directions
Power supply	AC 220V/110V (optional)
Pass speed	25 persons/min.
Communication interface	RS485
Power	50W

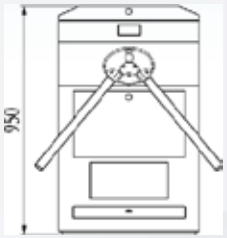




Tripod Turnstile FJC-Z3148

Tripod Turnstile FJC-Z3248



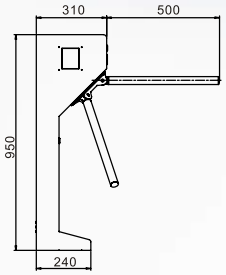


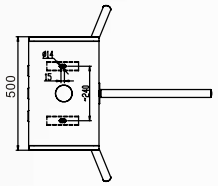
Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	2,000,000 cycles
Channel width	550-600 mm
Arm length	500 mm
Arm turning angle	120°
Arm turning direction	Two directions
Power supply	AC 220V/110V (optional)
Pass speed	25 persons/min.
Communication interface	RS485
Power	50W

Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	2,000,000 cycles
Channel width	550-600 mm
Arm length	500 mm
Arm turning angle	120°
Arm turning direction	Two directions
Power supply	AC 220V/110V (optional)
Pass speed	25 persons/min.
Communication interface	RS485
Power	50W





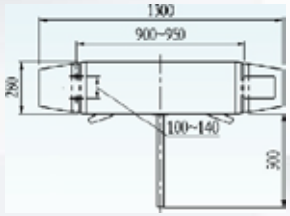
Automatic Tripod Turnstile FJC-Z3249

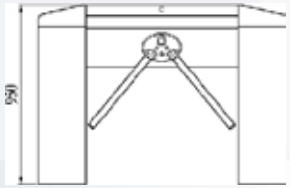
Tripod Turnstile

Pedestrian Management Systems

FJC-Z3318B

Tripod Turnstile FJC-Z3318A



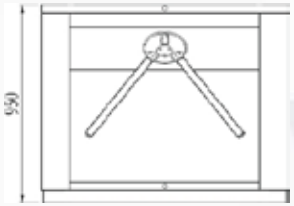


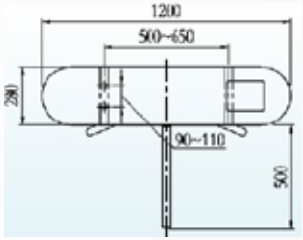
Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	2,000,000 cycles
Channel width	550-600 mm
Arm length	500 mm
Arm turning angle	120°
Arm turning direction	Two directions
Power supply	AC 220V/110V (optional)
Pass speed	25 persons/min.
Communication interface	RS485
Power	50W

Technical Data

Housing material	304 stainless steel
Working enviorment	Indoor, outdoor
Working temperature	−30℃ -- +70℃
Relative humidity	≤95% coagulation free
MCBF	2,000,000 cycles
Channel width	550-600 mm
Arm length	500 mm
Arm turning angle	120°
Arm turning direction	Two directions
Power supply	AC 220V/110V (optional)
Pass speed	25 persons/min.
Communication interface	RS485
Power	50W





Tripod Turnstile FJC-Z3328

Barrier Gate

Parking System

Straight Barrier FJC-D318

Product Description

- Smooth and stable operation.
- Manually release in the event of power failure.
- Die-casting integrated drive unit.
- Illuminated barrier boom (optional).
- Support loop detector.
- Support the infrared photocell for anti-bumping function.
- Support push button and remote control.
- DC12V level/Dry contact.
- Easy installation and set up.

Technical Data

Power	120W
Housing Size	345*295*980 mm
Housing color	Orange / grey / blue
Rail type	Straight
Rail material	Aluminum alloy
Rail lifting time	1S(fast) / 3S(ordinary)
Rail length	3m(fast) / 4m(ordinary)
MCBF	⩾5,000,000 times
Bumping bounce back	Optional
Boom illumilator	Optional
Working temperature	-30℃ to 70℃
Working environments	Indoor,outdoor
Relative humidity	<90% coagulation free

Housing

The high-quality and robust housing is manufactured from 2 mm zinc phosphated sheet steel then finished with quality high gloss powder coating.

Control units are mounted onto a removable zinc plated sheet panel. All of the components within the barrier housing are readily accessible through the maintenance door and removable top cover.

Drive Unit

The barrier is driven by a motor mounted on a central case aluminium support. This support also contains the bearings for the drive shaft, the gear box and the mounting for the counterbalance springs. This integrated design of motor and decelerator avoid pulley drives. Low noise and maintenance free, and the unique four-lever design guarantees the barrier boom to operate smooth and stable.

Barrier Direction

Barriers may be supplied with the barrier boom fitted to either the right or left hand side. In its standard configuration the maintenance access door is positioned on the road side, although on request it can be any one of the other sides.

Controller Unit

The controller unit was developed using the latest microprocessor technology. With a user friendly design the controller unit is expandable, It includes a I/O and serial communication interface.

Barrier Boom Arm

The barrier boom arm is fitted with an illuminating strip at the top, which glows red when down and green when raised.

DallasDelta
Corporation Pty. Ltd.

T: +613 9387 7388
E: sales@dallasdelta.com

F: +613 9387 3128
www.dallasdelta.com

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