

PEDESTRIAN SOLUTIONS

Range of automatic pedestrian access doors



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Pedestrian Solutions

Automatic pedestrian door operators and accessories

We provide automation systems for a range of applications. If you are looking for an automatic door operator for use in emergency exits or those that allow access for those with reduced mobility, then we can help.

Our automatic door systems are compatible with existing doors and are suitable for a range of commercial environments.

Pedestrian Speed Gates

Our range of Pedestrian Speed Gates and entry systems provide a fast, dynamic, and secure way to manage your access control. We have a range of solutions from retractable leaf gates to paddle gates, all of which are made with safe transparent tempered glass which is suitable for almost every environment.

Our speed gates are designed for fast, dynamic access whilst ensuring the highest security. They are hard-wearing and provide a stylish security option for corporate environments.

Contents

1. Swing Doors
2. Sliding doors
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4. Paddle gates
5. Retractable leafed gates
6. DDA Swing Gate
7. Tripod Turnstiles
8. Turnstile and Swing Gate Plinths
9. Entrance Controls.



VISTA SW MXL/SXL

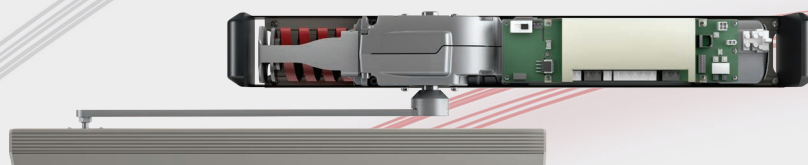
Automation for swing pedestrian doors.

Range of automation for swinging pedestrian doors, suitable also for automating existing entrances and ideal for intensive use and for heavy leaves with large dimensions. Available both with motorised management of opening and closing, and with controlled closing with a return spring. The control unit, with a programmable display and microprocessor technology, allows control of all the main functions automatically.

Model Sw Sxl: in case of power failure, the spring always allows manual opening with spring operated self closing.



24 V



FEATURES

- Wings up to 250kg
- Push-to-open function
- Models with motor or spring closing

SPECIFICATIONS

	VISTA SW MXL	VISTA SW SXL
Control Unit	Digital display and dip switch	Digital display and dip switch
Motor type	dunker motor	dunker motor
Shaft max output torque	85 Nm	85 Nm
Closing	with motor	return spring
Max leaf weight	250 Kg	250 Kg
Maximum opening angle	110°	110°
Opening speed	up to 70°/sec	up to 70°/sec
Closing speed	up to 40°/sec	up to 40°/sec
Emergency operation	backup batteries	spring closing/manual manoeuvre
Number of doors	1	1
Motor power supply	24 V	24 V
Time of limit switch	encoder	encoder
Clear opening	from 700 mm to 1400 mm	from 700 mm to 1400 mm
Impact reaction	electronic torque limiter	electronic torque limiter
Locking	solenoid lock	solenoid lock
Manual cycle	reversible	reversible
Use cycle	continuous	continuous
Environmental conditions	from -10°C to 50 °C	from -10°C to 50 °C
Protection rating	IP40	IP40



VISTA SL

Automation for sliding pedestrian doors.

Range of automation products for fast-sliding pedestrian doors up to a maximum weight of 150 kg. The control unit which is equipped with a programming display and microprocessor technology, allows control of all the main functions automatically. The cushioned rail and shaped wheels create silent movement. Control unit has programming display and autoset system for movement and torque parameters. Incorporated dual channel radio receiver. WMP rapid assembly profile. Electric locking with the holding of doors at each stop position. Available assembled to size or in an assembly kit.



U-Link



rolling code



d-track



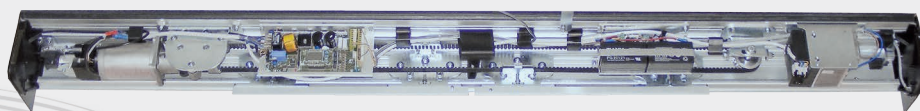
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ee link



24 V



FEATURES

- U-Link connectivity
- D-Track
- Control unit with display with simplified programming
- Very fast movement: up to 100 cm/s (single leaf)

SPECIFICATIONS

	VISTA SL 1	VISTA SL 2
Motor power supply	24V	24V
Operation cycle	Continuous	Continuous
Power input	230W	230W
Min. opening width	75 cm	80 cm
Max. opening width	225 cm	290 cm
Max. leaf weight	150 kg	120 +120 kg
Max. movement speed	100 cm/sec	200 cm/sec
Bar dimens.	166x155 mm	166x155 mm
Partial opening	10-70% opening width	10-70% opening width
Anti-crushing	encoder and microprocessor	encoder and microprocessor
Operating temperature	-0 +55°C inside box	0 +50°C

Exit Devices



NT-200

- Infrared No Touch button
- Illuminated red and green changing LED
- Single gang stainless steel back plate
- Adjustable proximity range
- Adjustable door opening time
- Adjustable LED colour change
- 12/24Vdc



NT-200 NS



MK56408

- Weatherproof
- Grey
- Surface mount
- Heavy duty
- IP66
- Single pole double throw
- Conduit cable can be ran into the back box
- 70mm wide button



T-REX

- Passive infrared exit sensor
- Range 1m
- 45" adjustment
- Adjustable door opening time
- Programmable Buzzer
- 12/24Vdc



Fireman switch drop key unit

- Surface mount
- Weatherproof
- Stainless steel construction
- Security screws
- Single pole double throw switch
- Operated with drop-key
- Flush option available (FS/DK)



MCP330-PRO

- Operating voltage 12/24Vdc
- Green plastic
- Resettable
- Adjustable sounder
- Adjustable LED
- Surface mount
- Triple pole
- Alarmed cover sounder



KS-900LD

- Operating voltage 12/24Vdc
- Brushed Stainless Steel
- Eurostyle key switch
- Switch rating 5A/125Vac
- Mortice mount
- Maintained microswitch
- 2 LED indicators: Red and Green



ON/OFF

- Brushed Stainless Steel
- Single pole
- Maintained
- Keyed alike
- Key release in both positions
- Comes with 2 x keys

Auto Door



3/4 Position Key Switch

- Brushed Stainless Steel
- Flush mount
- Single pole
- Maintained
- Keyed alike
- Comes with 2 x keys



Square "No Touch" HAND

- 12 - 28Vdc
- Upto 70mm activation range
- Timed clean relay output
- Sounder on activation
- Scratch resistant anti microbial acrylic label
- Entire label is sensitive
- Robust nylon housing with Steritouch additive which kills 99.9% of germs
- Comes with anti-tamper screws (Tool supplied)
- IP65 rated
- Wireless option available



Square Illuminated Antimicrobial Acrylic HAND

- 12 – 28Vdc
- 70MM activation range
- Timed clean relay output
- Selectable red, blue & green LED's
- Sounder on activation
- Scratch resistant anti-microbial label
- Entire label is sensitive
- Robust nylon housing with Steritouch additive which kills 99.9% of germs
- IP54 Rated



Round HAND Sensor

- 12 - 28Vdc
- Upto 70mm activation range
- Timed clean relay output
- Sounder on activation
- Scratch resistant anti microbial acrylic label
- Entire label is sensitive
- Robust nylon housing with Steritouch additive which kills 99.9% of germs
- Comes with anti-tamper screws (Tool supplied)
- IP65 rated
- Wireless option available

Auto Door



Architrave "No Touch" Hand Sensor

- 12 - 28Vdc
- Upto 70mm activation range
- 4 position sensitivity adjustment (Touch to hands free)
- Timed clean relay output
- Sounder on activation
- Scratch resistant anti microbial acrylic label
- Entire label is sensitive
- Robust nylon housing with Steritouch additive which kills 99.9% of germs
- Comes with anti-tamper screws (Tool supplied)
- IP65 rated
- Wireless option available



Disabled Persons Toilet Door Kit

- Choice of touch sensor styles to suit the installation and client needs
- All switches are anti-microbial
- Powered by 12-24Vdc
- Switching red & blue LEDs to show engaged or vacant status
- Keyswitch on external sensors for emergency entry
- Anti prank contact to prevent misuse
- Timed clean output for auto door operation



Square Radar Lock Toilet Entry

- Square radar key disabled toilet entry unit with LED status indicator
- 316 marine grade stainless steel
- 12-28Vdc
- Sounder on activation
- Weatherproof
- Option to have emergency entry keyswitch built into the housing



EAGLE ONE

FEATURES

- Improvement of the energy efficiency of buildings thanks to the unidirectional radar, which detects approaching movements and filters out movements moving away: the door closes earlier and reduces heat loss.
- Appealing design for swing doors thanks to positioning the sensor above the pivot.
- Possibility to mount the sensor in the ground.
- High level of stability and reliability of the detection area thanks to the planar antenna developed by BEA.



VIDEO



LZR[®]-FLATSCAN SW

Safety sensor for swing doors

DESCRIPTION

The **LZR[®]-FLATSCAN SW** uses laser technology (time of flight measurement) for safety of swing doors. It generates 170 measurement points to provide complete protection for the user, and is easy to install. One **LZR[®]-FLATSCAN SW** is enough to cover both the complete width and height of a door wing including the pinch zone.

Auto Door Sensors



IXIO-D

Opening and safety sensor for automatic sliding doors

DESCRIPTION

The **IXIO-D** is a sensor which combines radar technology for the activation of the door with infrared technology for the user protection. The unidirectional radar enables energy savings to be made. The three-dimensional infrared curtain protects people from any contact with the doors.

IXIO-S

Safety sensor for automatic sliding doors

DESCRIPTION

IXIO-S is an active infrared presence sensor. The three-dimensional area of its infrared curtain protects the users from any contact with the doors.



4SAFE

SAFETY SENSOR FOR SWINGING AND
REVOLVING DOORS

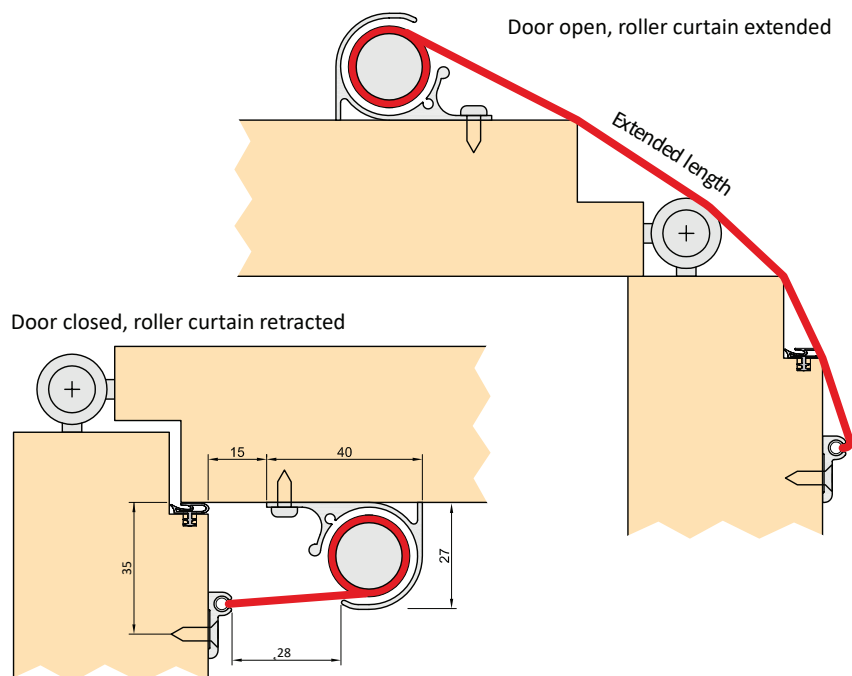
DESCRIPTION

The **4SAFE** is a failsafe active infrared sensor which functions by distance measuring. Onboard of swing and revolving door leaves, it brings safety to the users by avoiding contacts with the doors in motion.

The three-dimensional area of the **4SAFE** makes it particularly suitable for protecting people with disabilities.

Roller Guard

Finger Protection



Roller Guard, for safeguarding the non-hinge side at the secondary closing edge of swing doors. Roller-type protector that automatically maintains a constant tension. Fixing elements on housing side with oblong holes for re-adjusting the roller protector. Profile made of aluminium.

Cover of synthetic fibre has a extended length of 260 mm, it is fire retardant B1 treated and available in black. Standard length 1925 mm.

KEY FEATURES

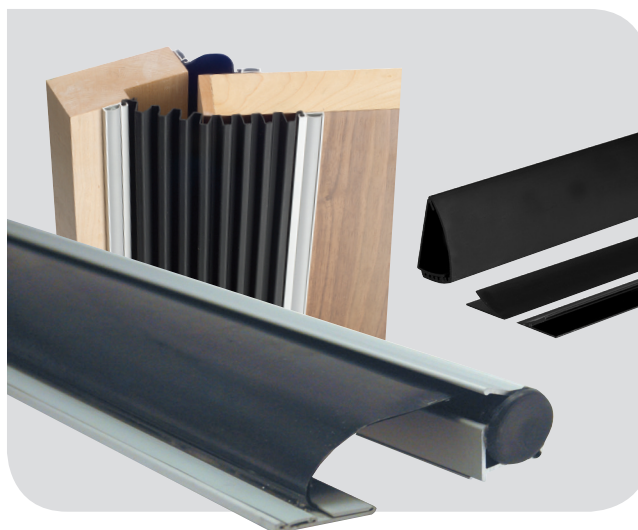
- Proven standard roller protector
- Hard-wearing synthetic fibre fabric
 - ashable
 - difficult to ignite B1
- Screws only visible on one section
- Housing position adjustable
- Suitable for almost all doors
- 1,000,000 test cycles
- Anodised aluminium profile

Technical Specification

Standard length	1925 mm
Fire Resistance	B1 Classification
Fabric	Black synthetic fibre
Housing	Extruded aluminium
Spring	Constant tension
Mount	Universal screws included
Extended length	260 mm

Roller Guard

Finger Protection

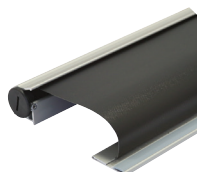


Finger Protection Range



Pivot-Safe –

- A set of aluminium extrusions which transform a standard pivot stile into a round stile
- Available in Mill and silver anodized
- Also available for double action doors
- 2400mm in length
- Suitable for pivots centres 50-75mm



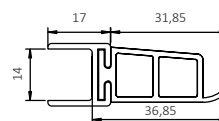
Roller-Safe –

- Finger Guard- Roller blind style for hinged or pivoted door protection
- Silver Anodised (available in black)- Black PVC wipe clean blind, hinged case for pinch hazard prevention
- Blind extension 240mm maximum



Hinge-Safe –

- HingeSafe PVC anti finger trap for hinged doors
- Black Standard 1.95m length, fitted in minutes (available in white and brown)
- Recommend for manual doors only
- Will allow standard hinged doors to open 180°



Glass-Safe –

- Finger Guard – Profile holder and seal for glass door
- Suits 10-12mm glass
- Length 2500mm



d –

- Corrugated santoprene rubber
- Length 2.1m
- Can be cut on-site
- 200mm maximum extension



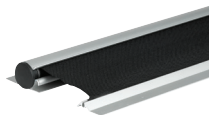
Vinyl Guard –

- Vinyl type 125mm for hinged or pivoted door protection
- Length 2m, with black ABS side strips
- Available 200mm - ACC-107



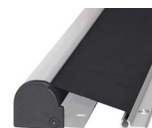
Compression Guard –

- Finger Guard- 'D' shaped Vinyl type 25mm for pivoted door protection Black
- Length 2440mm



Roller Guard Fabric –

- Roller blind style for hinged or pivoted door protection
- Black fabric blind with silver anodised case (available in dark bronze and white)
- Blind extension 250mm maximum



FSR5000 Roller Finger Blind –

- Roller blind style finger guard for hinged or pivoted door 1925mm case (fits most doors)
- Black inner synthetic fiber fabric (260mm max extension) with EV1 Silver anodised case
- Manufactured by Planet AG in Switzerland to a high standard
- Tested to 1,000,000 operations

Auto Barriers



Floor Mount

- Flat bar profile aluminium guide rail, Min 900 W up to 1200mm x 900mm H
- Profile width 44mm
- Glazed 6mm clear safety glass
- C/w adjustable mounting foot & fixing pack
- Mill finish



Wall to Floor Mount



Floor Mount

- Tubular stainless steel 50mm diameter guide rail Min 900 W up to 1200mm x 900mm H
- Glazed with 6mm clear toughened glass
- Stainless steel grade 304 satin finish
- With gasket all the way around the glass for added strength and safety



Wall to Floor Mount



Floor Mount

- All glass barrier with anodised silver base profile
- Recommended only for slider back edge protection
- 900mm H x up to 900mm W
- Glass 10mm toughened with polished edges

Automatic door barriers

DDA compliant automatic door barriers for entrance doors. Our barriers ensure pedestrian traffic approach automatic swing doors from a safe and pre-determined direction. They are robust and heavy duty making them perfect for commercial application in shops, schools, offices, hospitals, etc.

They are supplied as standard in a 9006 matt silver finish and with toughened safety glass infill to comply with BS 7036. Very easy to install.

They can also be supplied with a 3mm Solid Aluminium Panel.

900mm up to 1200mm barrier with glass infill.

Available - Floor to Floor & Wall to Floor



Covers & keyfobs



EURO STOPPER

Low Profile Protective Cover

- Prevents false alarms
- Tough UV-stabilised polycarbonate housing
- Can accommodate flush or surface mount applications.
- Available with or without a 96 dB integral sounder, powered by a 3V lithium battery.
- Optional 12-24 VDC powered units.
- Break seal option adds an additional visual deterrent against unwanted use.
- 5 colours available with choice of No Label or Custom Label.



ENVIRO STOPPER

IP66/56 Certified Cover

- Prevents false alarms
- Tough UV-stabilised polycarbonate housing
- Ideal for use in wet or wash down areas, overall rating of IP56 (IP66 for the back box)
- Available with or without a 96 dB integral sounder, powered by a 3V lithium battery.
- Optional 12-24 VDC powered units.
- Break seal option adds an additional visual deterrent against unwanted use.
- 5 colours available with choice of No Label or Custom Label.

The Zendit range of wirefree keyfobs

The Zendit range of wirefree keyfobs & keypads is a gift to any CCTV, alarm or access control engineer thanks to its versatility and wide range of configurations.

Ideal for opening gates, switch lights on, sounding audio devices such as the VoiceOFF, this great value range add lots of functionality to a security or automation system without a hefty price tag.

The keyfobs with a 50M range can be used as a standard fob for up to 4 devices or even wall mounted in a clip to serve as a static panic button or controller. Handy belt clips are also available to carry the fobs on your person within easy reach again as either a panic button or for a member of staff to gain quick control or access of other equipment.

Zendit Receiver units receive the wirefree signals from any of the Zendit range of keyfobs or keypads. Each receiver can accept up to 30 codes allowing up to different 30 keyfob/keypad combinations to be used on one system.



PG300 PADDLE GATE

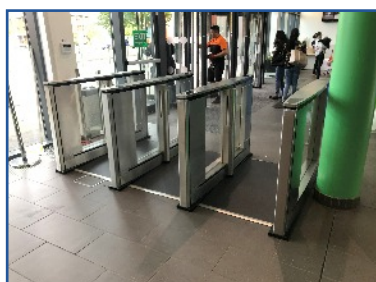
The PG300 range of both single and double leafed paddle gates provide safe, high speed, bi-directional pedestrian throughput, with an elegant and sophisticated look, essential for today's corporate environment.

SECURITY

- 16 photocells to monitor user progression and security breaches such as tailgating and collusion;
- Low gap under optically only 250 mm;
- Various obstacle highs up to 1700 mm;
- Standard obstacle material is plexiglass to resist attacks with hammers;
- Electromechanical locking to withstand forced entry attempts.

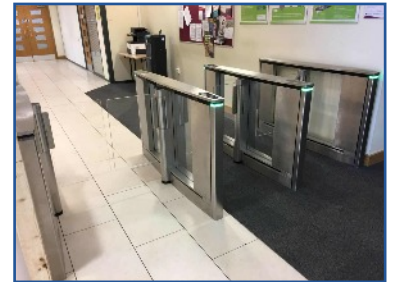
AESTHETICS

- Transparent side walls;
- Minimal footprint;
- Discreet card reader integration;
- Clear plexiglass for extra security;
- High quality assembly and finish.



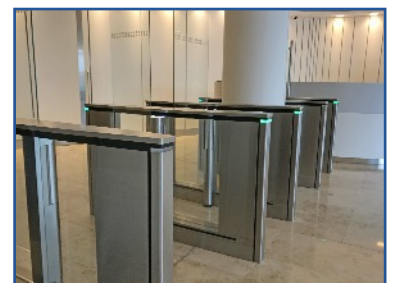
SAFETY

- Photocell user protection;
- Impact safety in the opening and closing cycle of the obstacle;
- In the event of a power loss, the obstacles can be manual push in any direction;
- Operating modes and wide lane widths to meets the highest fire safety standards.



THROUGHPUT

- 25~30 people per/min. Depending on access control;
- User status pictograms;
- User functional pictograms;



RELIABILITY

- MCBF of 5 million cycles;
- Extended manufactures parts warranty for low cost of ownership;

CONNECTIVITY

- TCP/IP communication;
- Reception touch screen controller;
- Reception push button controllers.

FEATURES AND OPTIONS

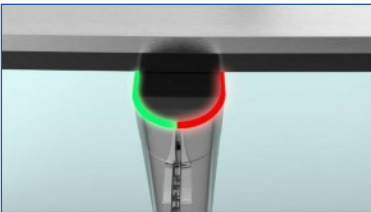
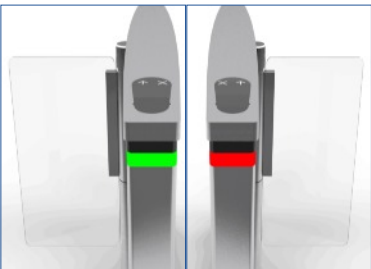
The PG300 is supplied as standard with:-

- 16 detection photocells, 8 high level and 8 low level;
- 900 mm high plexiglass optical 10 mm thick;
- Brushed 304 stainless steel cabinet, L1600 x W160 x H980 mm;
- Toughened glass side walls, 8 mm thick.
- Status and functional indicators.

STATUS AND FUNCTIONAL LED's

There are two different types of LED indicators, status and functional.

- Status – Indicates whether the lane is in use or not, and
- Functional - Tells users whether they can pass or not. There are also a set fitted to the centre column.



OPTIONS

There are few options as the PG300 is supplied with many of the safety and security features needed to comply with European regulations. Options include:-

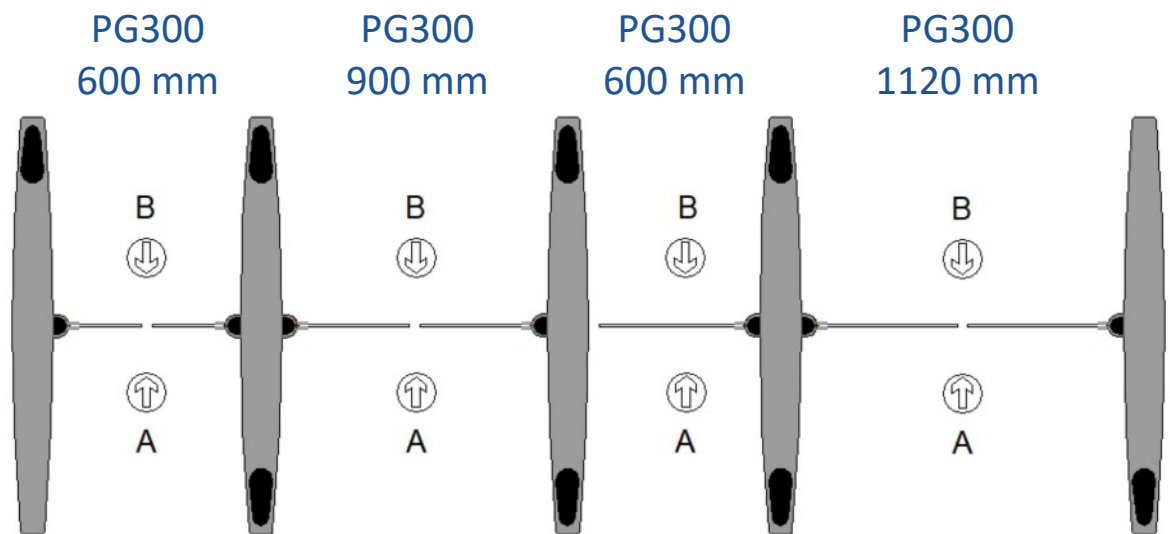
- Free standing surface plinth to reduce civil's and speed installation;
- Various cabinet colours;



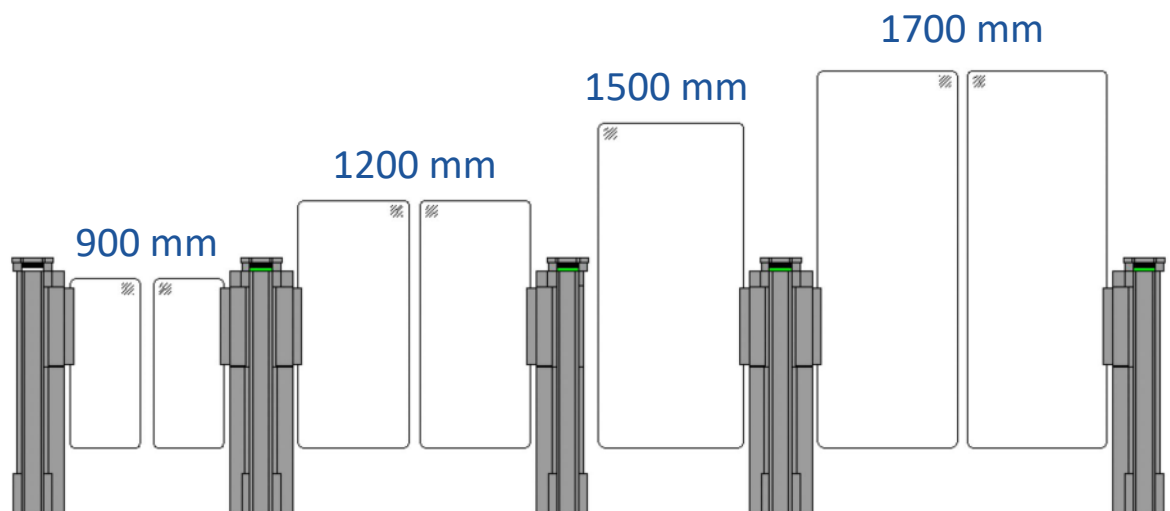
- Drilling templates for a speedy and more accurate installation;
- Output relays for passage complete signals, alarm outs to trigger ACU and CCTV;
- Extra 4 photocells to increase the control zone, providing increase safety of large items, small children and increased security;
- Reception touch screen console;
- Reception engraved push button console.



WALKWAY WIDTHS



OBSTACLE HEIGHTS



TECHNICAL CHARACTERISTICS

Electrical supply	Single phase 110-240 Vac (+/-10%), 180W 50/60 Hz + Ground
Power consumption	Standby: 5W Cycle: 35W Peak: 40W.
Motor and Gearbox	2 No. 24Vdc motors with planetary gearbox's.
Min opening or closing times	0,5s (Depending on the access control system reactivity and the speed of us- ers)
Ambient operating Temperature	0°C +60°C.
Ambient relative humidity in operation	5%-95%, no condensation
MCBF	5 Million cycles between failures, with recommended maintenance.
Sound level	55 dB from 1m away.
Weight	62 kg (per left/right unit) 91 kg (per intermediate unit).
Conforms to European standards	

WARRANTY

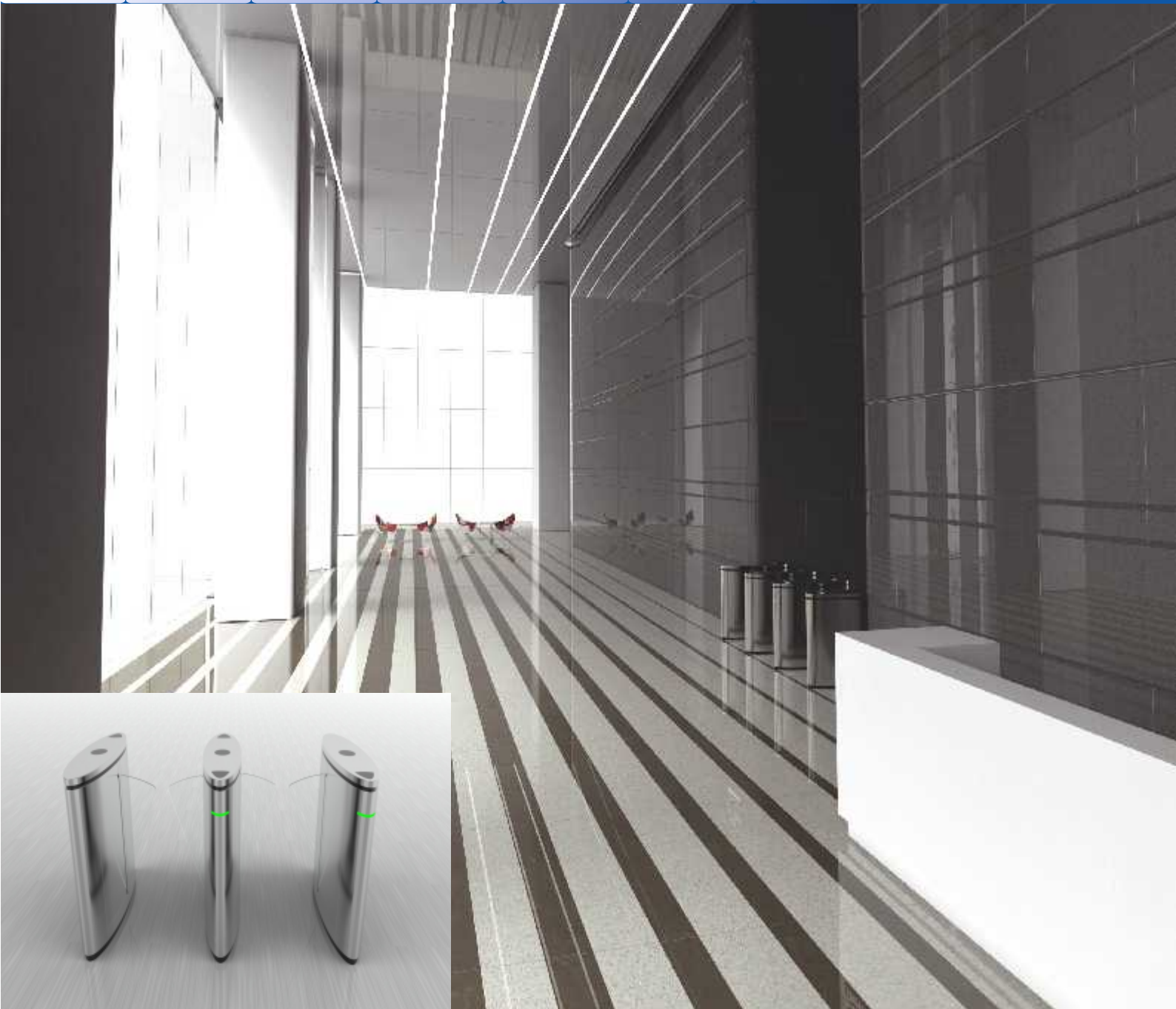
Standard warranty period 12 months, manufactures 24 to 48 months extended parts warranty available at time of purchase, subject to :-

- Our general terms & conditions of sale and preventive maintenance programs.
- See warranty details in our Terms & Conditions of sale.

SAFETY IN USE

- For safety reasons, children (a user smaller than 0.9m tall) must be supervised by an adult at all times when in the vicinity of and during passage through the lane(s).
- A child MUST precede the accompanying adult when lane passage is required.
- If regular use by children is anticipated, the manufacturer recommends that all options and parameters are set to the optimum level of protection.

RG100 SPEED GATES



Our **RG100** series of retractable leafed gates are designed to provide optimum pedestrian throughput but in an elegant, sophisticated and discreet manner, essential for today's corporate environment.

When installed in conjunction with any access control system, the gates provide a low level entrance controlled solution.

Safety

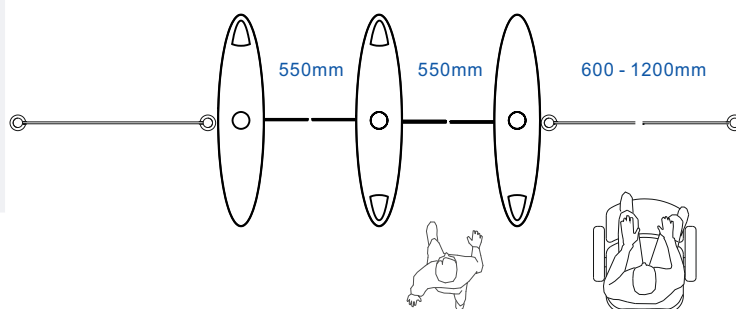
- Dynamic, electronic user protection;
- Power loss - the obstacles automatically open;
- Fire alarm input - opens gates when activated;
- Optional photo-cells for additional safety detection.

Security

- Extra detection sensors for increased detection of tailgating and unauthorised use.

RG100 SPEED GATES

RG100 - CONFIGURATION EXAMPLES



TECHNICAL SPECIFICATION

Material

Cabinet : AISI#304

Top : Stainless steel/Marble/Wood

Obstacle : Plexiglass/Tempered glass

Internal metalwork : Galvanized iron

Operating parameters

Power : AC110V-220V 120W

Operating temperature : 0 ~ 60°C

Environment : Internal

Operating humidity : 0 ~ 95% (No condensation).


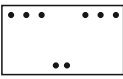

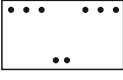

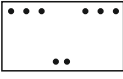


Storage temperature : -5~50°C

Run Power : DC24V

Operating power : Standby5W Usually35W Peak40W

Average life span : Not less than 5 Million cycles.

USER TYPES

			Number of sensors
Pedestrian		✓	 8
Backpack		✓	 8
Baggage		○	 8
		✓	 16
Disabled access		✓	Use ES168

✓ Supported ○ Warning ✗ Not Supported

MARKET SECTORS

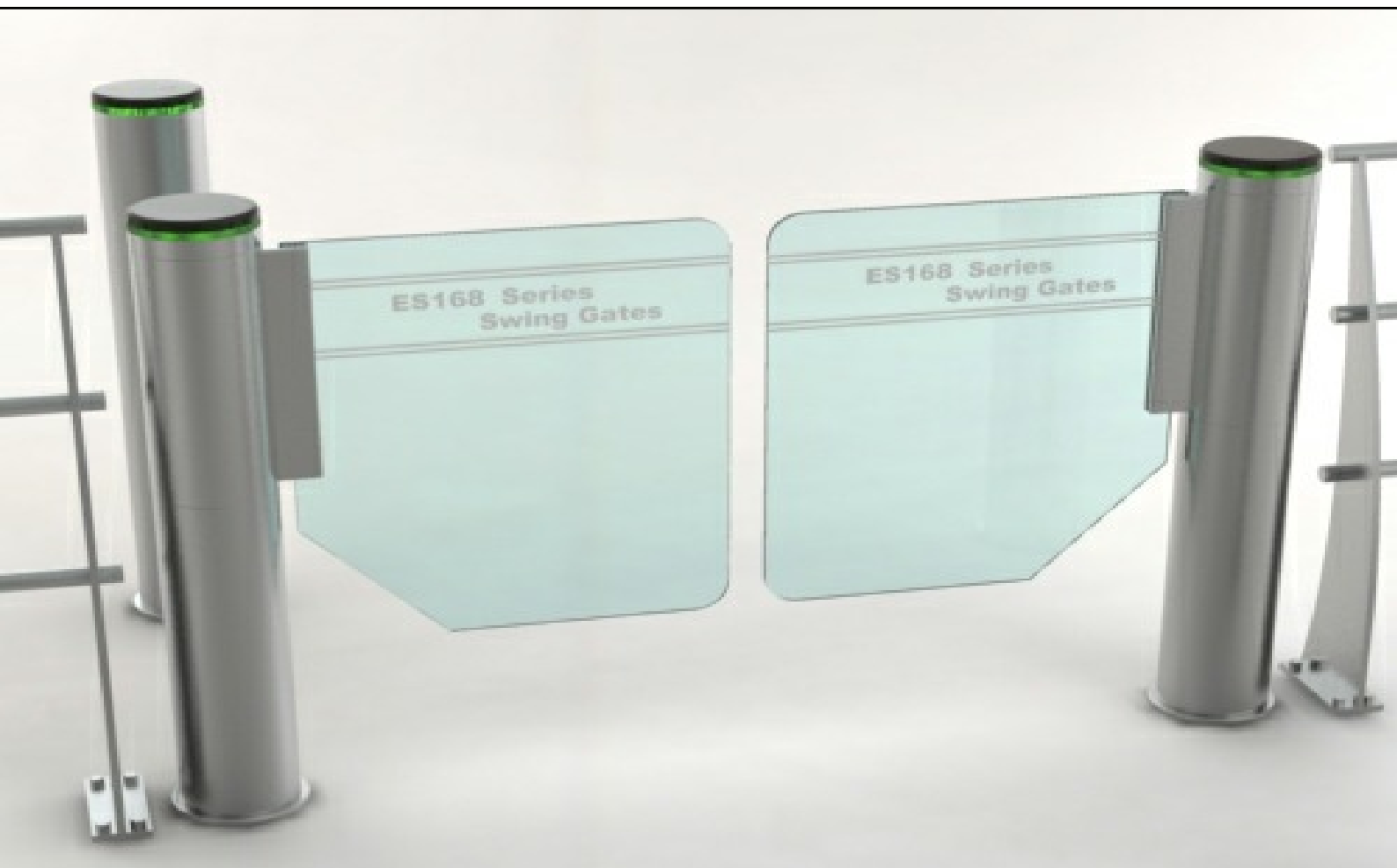
- Government agencies,
- Retail, Financial services,
- Communications, Banking
- Information technology,
- Publishing, Leisure clubs,
- Petrochemical industry,
- Education sector.

PRECAUTIONS FOR USE

- For safety reasons, children (user smaller than 1 m tall) must be supervised by an adult at all times when in the vicinity of the unit and during passage through the lane.
- A child must precede the accompanying adult when passage is required.
- If consistent use by children is anticipated, Evolve recommends the use of addition child protect sensors.

Pedestrian Swing

SG100 Swing gate

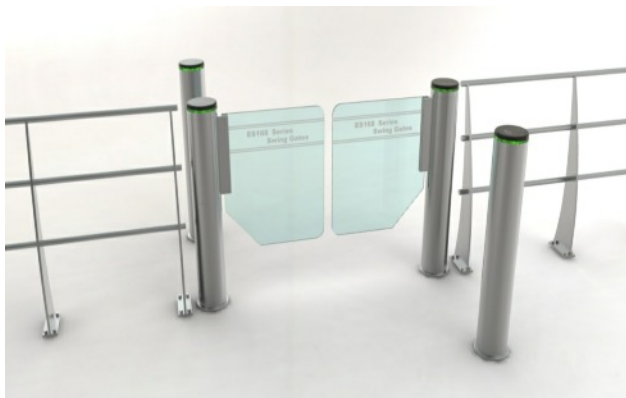


Pedestrian Swing Gate



The SG100 swing gate complements our tripod turnstiles, retractable speed and flap gates. Providing large walkways to meet the needs of fire regulations, requirements for people with reduced mobility and large bulky items.

The SG100 can be used alone or as a master/slave system, proving clear passage widths from 500 to 1750 mm. They can also be fitted with optional detection sensors for automatic opening and auto-closing after passage has taken place.

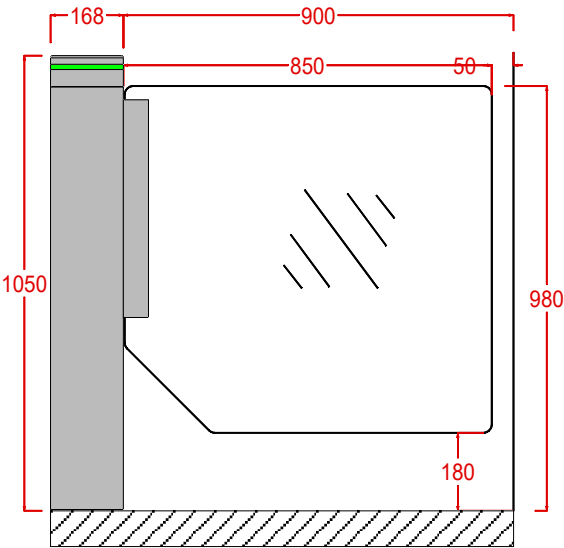


FEATURES

- Large passage widths.
- Plexi-glass or toughened glass leaves.
- Leaf height up to 1.5 meters.
- Optional detection sensor for increased security and safety.

TECHNICAL SPECIFICATIONS

Models.	SG100, SG101, SG102, SG103
Operating modes.	9 modes, any combination of CONTROLLED, FREE, BARRED. ,
Opening Speed.	0.8 to 1.2 seconds depending on obstacle width.
Stacking Function.	Can remember 1 to 99 open commands.
Column Material.	1.5 mm ASI 304 Brushed finish stainless steel.
Column Size.	Dia, 168 mm x h 1050 mm.
Obstacle Material.	10 mm Plexi-glass or 8 mm toughened glass.
Power Supply.	110 or 220 Vac, 1.5 Amps, 50/60 Hz.
MCBF (100 duty cycle with maintenance)	Minimum 1 million operations open/close.
Operating Temperature.	-20 to +60 deg C.
Relative Humidity.	5 to 95 %.
Environment.	Internal use only.





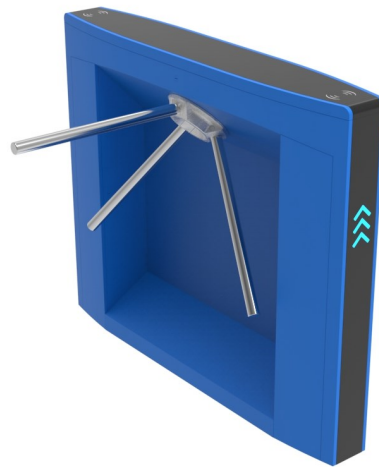
Tripod Turnstiles

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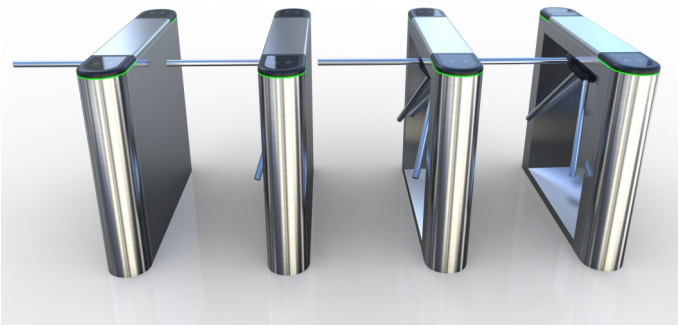
Tripod Turnstiles (TT)

Tripod Turnstiles are designed to efficiently control internal or external pedestrian entrance points. They help security and reception staff manage unauthorised pedestrian entrance or exit to offices, corporate buildings, warehouses, banks, and many other places.

When integrated with an access control management system, tripod turnstiles offer a reliable and efficient means of ensuring only a single visitors or staff member can enter or exit without first presenting and IC, ID card, biometrics reader, making a payment or scanning a QR/barcode code, etc.



However, the design of tripod turnstiles means they can be climbed over or crawled under and for this reason they should be installed near a staffed security point. They also have a narrow opening which means a pass door or swing gate is required for disabled access, bulky items and to meet fire regulations.



Tripod turnstiles can monitor, count, and maintain reliable pedestrian entry points whilst providing a fast, reliable, and easy solution with long-lasting performance in high volume situations. In an emergency situation or on power failure, a drop arm feature allows free entry/exit.

Our Solutions

Evolve is dedicated in manufacturing and supplying top of the range, high quality Tripod Turnstiles. Our TT300 range offer the very best of British engineering and design providing cost-effective, fast operating, easy to use, reliable entrance solution for internal or external use in areas where there is a large and constant flow of people.

The TT300 range comes in two types of cabinet standard (TT301) and compact (TT303). The TT301 is a modular construction turnstile build around a robust stainless-steel cabinet housing a motorised drop arm mechanism.

Various end panels, boxed infill panels and variety of different materials for the top are added to create a turnstile that meets all the aesthetic requirements needed for today's corporate environment.



All our turnstiles offer bi-directional entrance control with emergency drop arm providing free passageway in an emergency that automatically right on power up or after an emergency. They can be used internally or externally but if used externally we recommend fitting a shelter to protect users from the elements.

An optional boxed infill panel between the legs of the turnstiles increases security and robustness of the turnstile, concealed integration of the access control readers is also an option.



Our tried-and-tested TD and JX control technology used in all our products enable easy setup of the functions, operating and test modes.

Operation

The TT300 range is compatible with most types of access control ID readers and scanners, including contactless and biometric systems. The working mode for each direction of travel can be easily set to FREE, BARRED or CONTROLLED mode.

The motorised drop arm mechanism provides smooth and silent operation, which automatically adapted to the users' passing speed, guarantees higher reliability, better performance, with less wear and tear and reduced power consumption compared to mechanical versions.



The status LED fitted as standard show from a distance which turnstile is in use and the optional functional LEDs can be fitted to indicate when the turnstile is unlocked. The so called "Go" feature automatically rotates the tripod arm a few degrees forward after a valid badge to visually inform the user that the turnstile is unlocked and ready for use.



The turnstile requires a volt free normally open relay contact closing for not more than 1 second to allow passage. If used as a bi-directional turnstile a separate relay, contact is required for each direction of travel.



The emergency input requires a volt free normally open relay contact closing for more than 3 second to allow the arm to drop. When the emergency input reverts to normally open the hub will rotate allowing the arm to automatically right itself.

Optional relay outputs can be used as counters or passage complete signals for anti-pass back access control.

Applications

Tripod turnstile provides a simple yet robust secured entrance-controlled solution for visitor and staff management, preventing them from simply walking into your building. The TT300 is especially suitable for use where high flow rate, reliability and good quality are important priorities.



In most of these applications, the entry point is often staffed by a security guard or receptionist who can monitor the pedestrians passing through.



Typically installed at the entrance of government facilities, financial buildings, offices, educational establishments, industrial facilities, wellbeing facilities, entertainment facilities, points of ticket control, paid access to toilets, sport facilities, construction sites, passenger terminals, railways, airports, and time attendance control points in working places.



TT301

TRIPOD TURNSTILE

Our standard TT301 consists of:-

- Bridged cabinet made from 304 stainless steel, housing a motorised drop arm drive unit.
- 304 stainless steel removable lid.
- 2 No. slopped 80mm, 304 stainless steel end panels.
- 2 No. LED status indicators, one each end.

TECHNICAL SPECIFICATION.

- Power supply: 230V single phase 50/60Hz. 120W
- Operating voltage: 24Vdc.
- Nominal consumption: Max 40 W.
- Operating temperature: —20 to 60°C with optional heater.
- Operating humidity: 0 to 90% RH.
- Flow rate: 20~ 30 passages/minute, depending on access control system and users.
- Motor: - Brushless
- MCBF when respecting recommended maintenance;

SAFETY IN USE

The turnstile arms automatically drop on power failure or activation of the emergency input, when power is restored or when the alarm reverts to normal the arm automatically right itself.

OPERATING MODES.

The TT303 can operate in 9 different work modes:-

1. FREE, in either or both directions.



Our TT301 modular design tripod turnstile offers, cost-effective, fast operating, easy to use, reliable entrance solution for internal or external use in areas where there is a large and constant flow of people.

Its modular construction with different end panels and various tops meet all the aesthetic requirements needed for today's corporate environment.

The turnstile is designed for use in metro stations, railway stations, bus stations, airports, corporate reception areas, factories, hotels, scenic spots, museums, libraries, exhibition centres, stadiums, education facilities and cinema, etc.

Throughput speed is approximately 25~30 people/min, but dependent on the access control system and the speed and type of the users.

TT301 - Data Sheet

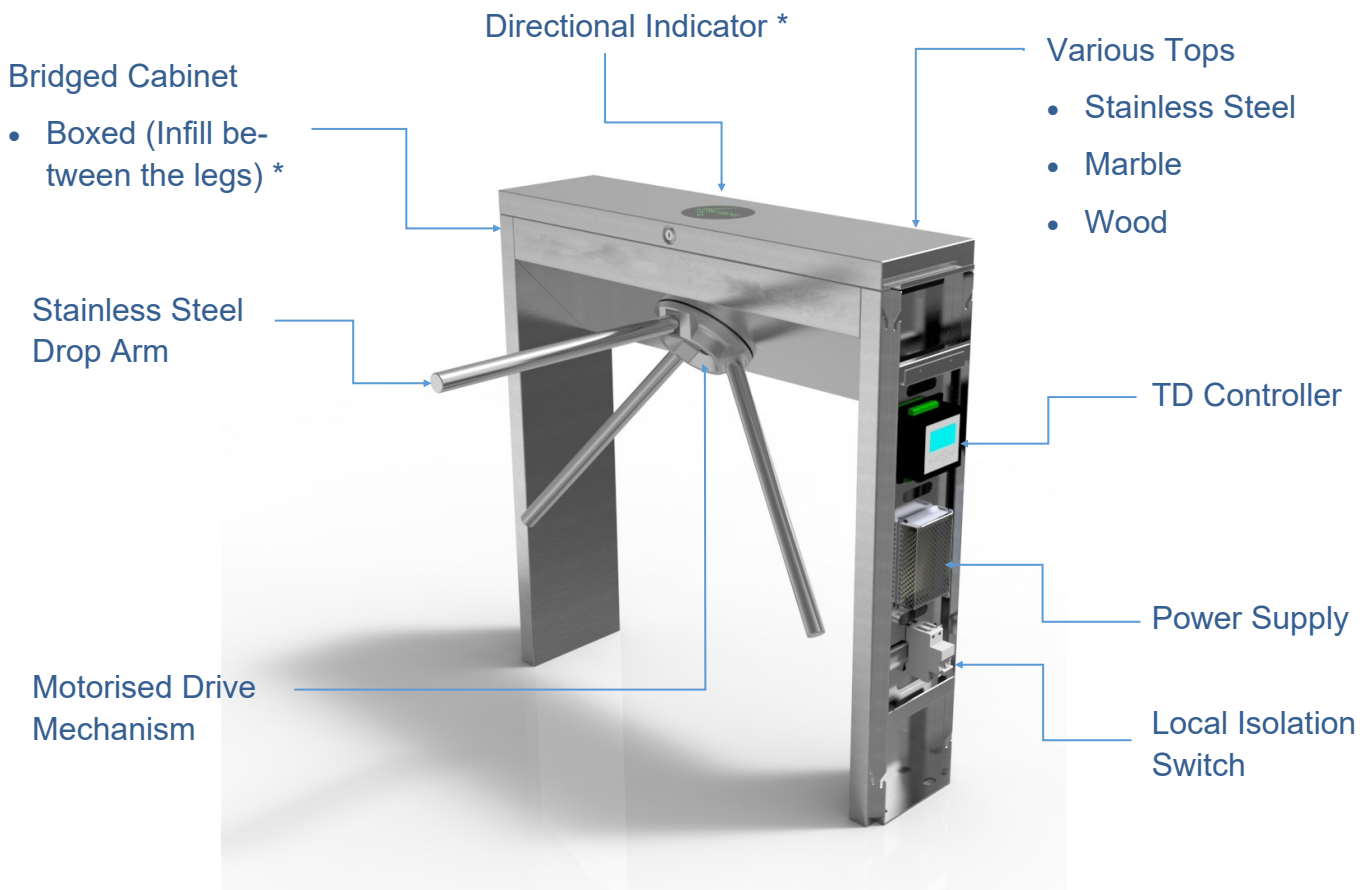
WORK BY OTHERS

- Bolting the units to the floor.
- Electrical supply.
- Cabling to any external peripherals.
- Integration of any accessories.

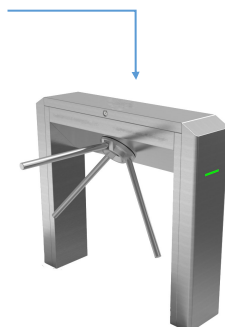
The stainless steel cabinet houses a motorised head mechanism.

SAFETY IN USE

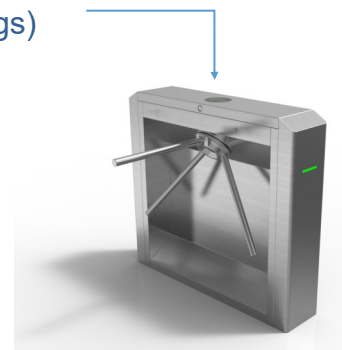
The turnstile arms automatically drop on power failure or activation of the emergency input, when power is restored or when the alarm reverts to



Bridged Cabinet (Standard)



Boxed (Infill between legs)



TT301 - Data Sheet

Stainless
Steel



Marble



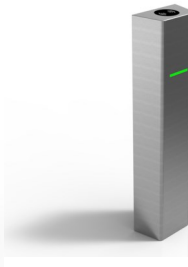
Wood



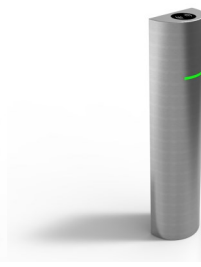
Thin



Hex



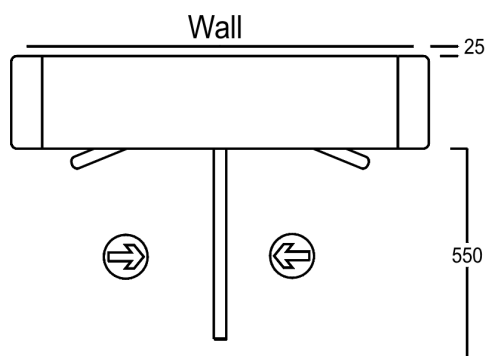
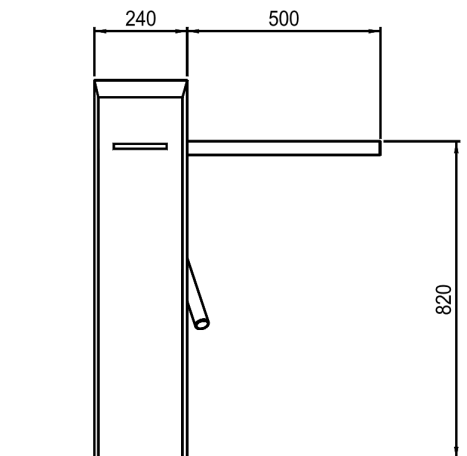
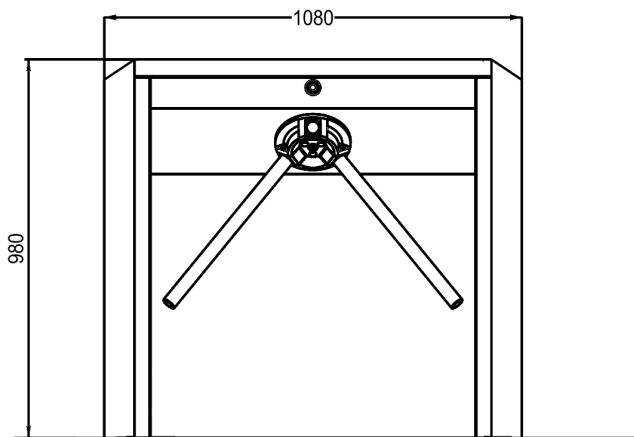
Round



Slopped



Square



UK
CA

CE

CNAS

TT303 COMPACT TRIPOD TURNSTILE

ADVANTAGES AT A GLANCE.

- Low cost.
- Drop arm as standard.
- Robust.
- Reliable.
- LED directional indicator.
- User friendly.
- Compact, small footprint.
- Easy to install.



Our TT303 compact motorised drop arm tripod turnstile offers, cost-effective, fast operating, easy to use, reliable entrance solution for internal or external use.

This reliable yet compact turnstile is especially suitable for applications where high flow rate, small footprint and easy installation is required.

Manufactured from high grade 304 stainless steel the TT303 comes with an ultra-reliable motorised drop arm mechanism giving unprecedented years of service.

The motorised drop arm mechanism provides smooth and silent operation, which automatically adapts to the users' passing speed, guarantees higher reliability, better performance, with less wear and tear and reduced power consumption compared to mechanical versions.

After each passage, the barrier arms automatically returned to home position. The arm rotation encoder tracks passage through the turnstile to ensure accurate passage complete outputs for access control or counting systems.

TECHNICAL SPECIFICATION.

- Power supply: 230V single phase 50/60Hz.
- Operating voltage: 24Vdc.
- Nominal consumption: Max 40 W.
- Operating temperature: —20 to 60°C with optional heater.
- Operating humidity: 0 to 90% RH.
- Flow rate: 20~ 30 passages/minute, depending on access control system and users.
- Motor: - Brushless
- MCBF when respecting recommended maintenance;

SAFETY IN USE

The turnstile arms automatically drop on power failure or activation of the emergency input, when power is restores or when the alarm reverts to normal the arm automatically right itself.

OPERATING MODES.

The TT303 can operate in 9 different work modes:-

1. FREE, in either or both directions.

TT303 - Data Sheet

APPLICATION.

- Building Sites.
- Exhibition Centres.
- Museums.
- Tourist Attractions.

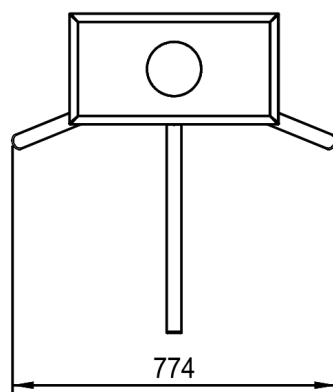
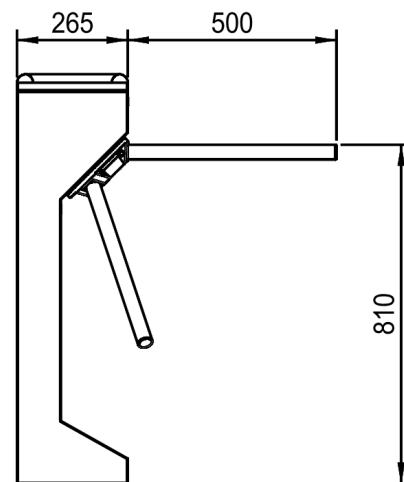
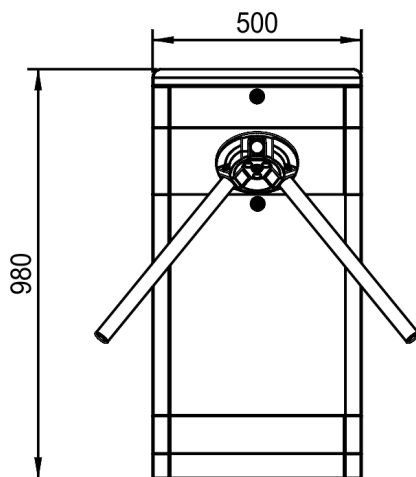
WORK TO BE PROVIDED BY OTHERS.

- All electrical and control cable requirements.
- All ducts, conduits, containment.
- All foundations, bases.

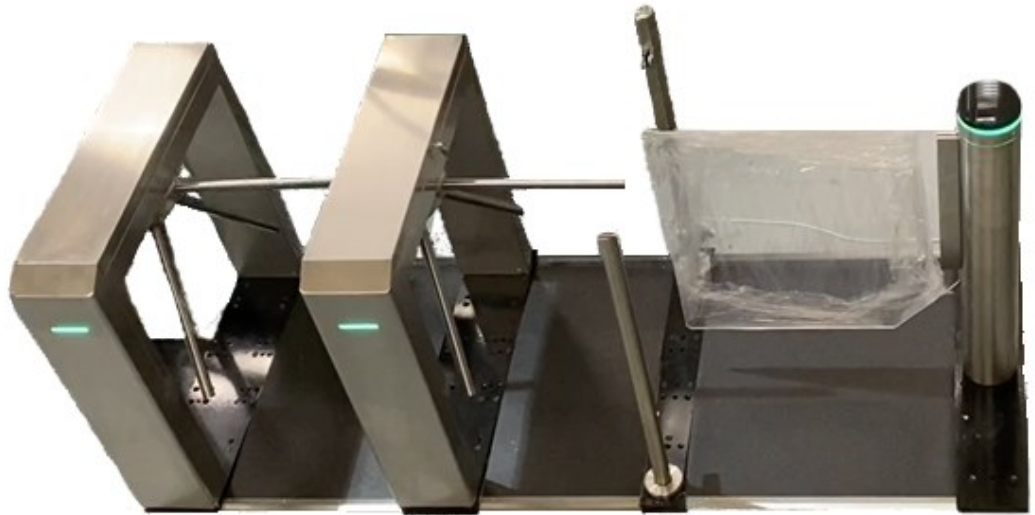
The turnstile is controlled by our tried-and-tested TD and JX control technology which is used in all our products. The TD controller enables easy setup of the functions, operating and test modes and integration with most access control devices such as: card readers, coin/token acceptors, ticketing systems, biometric etc.

DIMENSIONS.

- Length: 580mm.
- Width: 265mm.
- Height: 980mm.
- Arm Length: 500mm.



Turnstile and Swing Gate Plinths

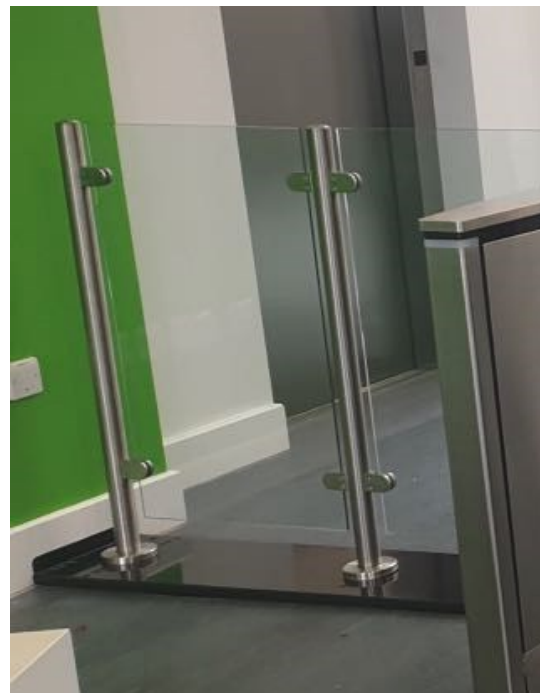


The free standing cabinet and glass mounting plinths (floor protector) are an ideal option to use where you can't fix to the floor, such as listed buildings and under floor heating.

They also reduce the civil works required as there is no need to dig costly containment channels in the floor for all the cabling.

Installation on plinth allows customers the flexibility to easily relocate the lanes in the event that building layouts need to change.

The standard anti-slip floor covering is black, please refer to our colour chart for different colour options.



The standard anti-slip floor covering is black, please refer to our colour chart for different colour options.

The glass plinths are manufactured from 2 lengths of 100x 15mm mild steel plates, on top of this is a 298x7mm steel sheet which is then covered by a 1.5mm steel cover which creates a 95x15mm channel for cables.

As standard all parts are powder coated glass black.

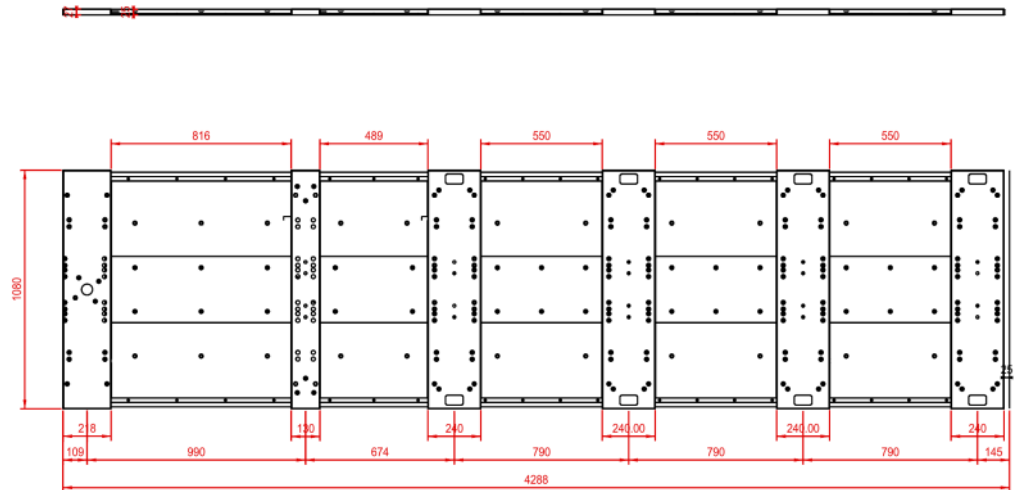
The glass plinth sections are 1m long and the final section made bespoke to suit the final gap.

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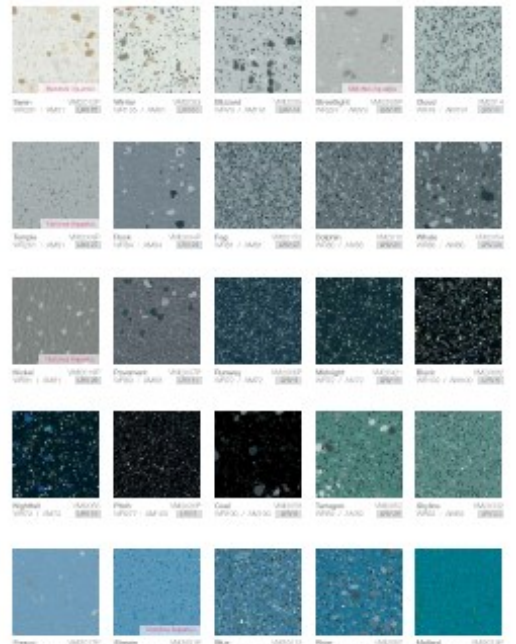
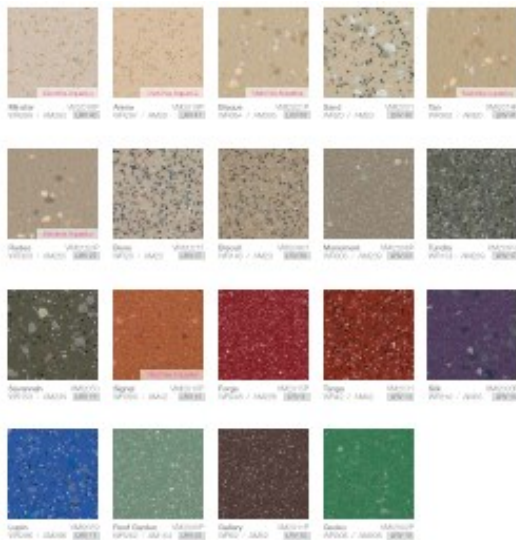
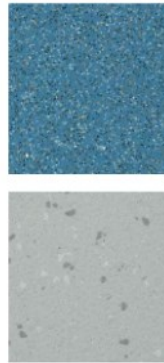
Cabinet and Glass Plinth

Cabinet and Glass Plinth



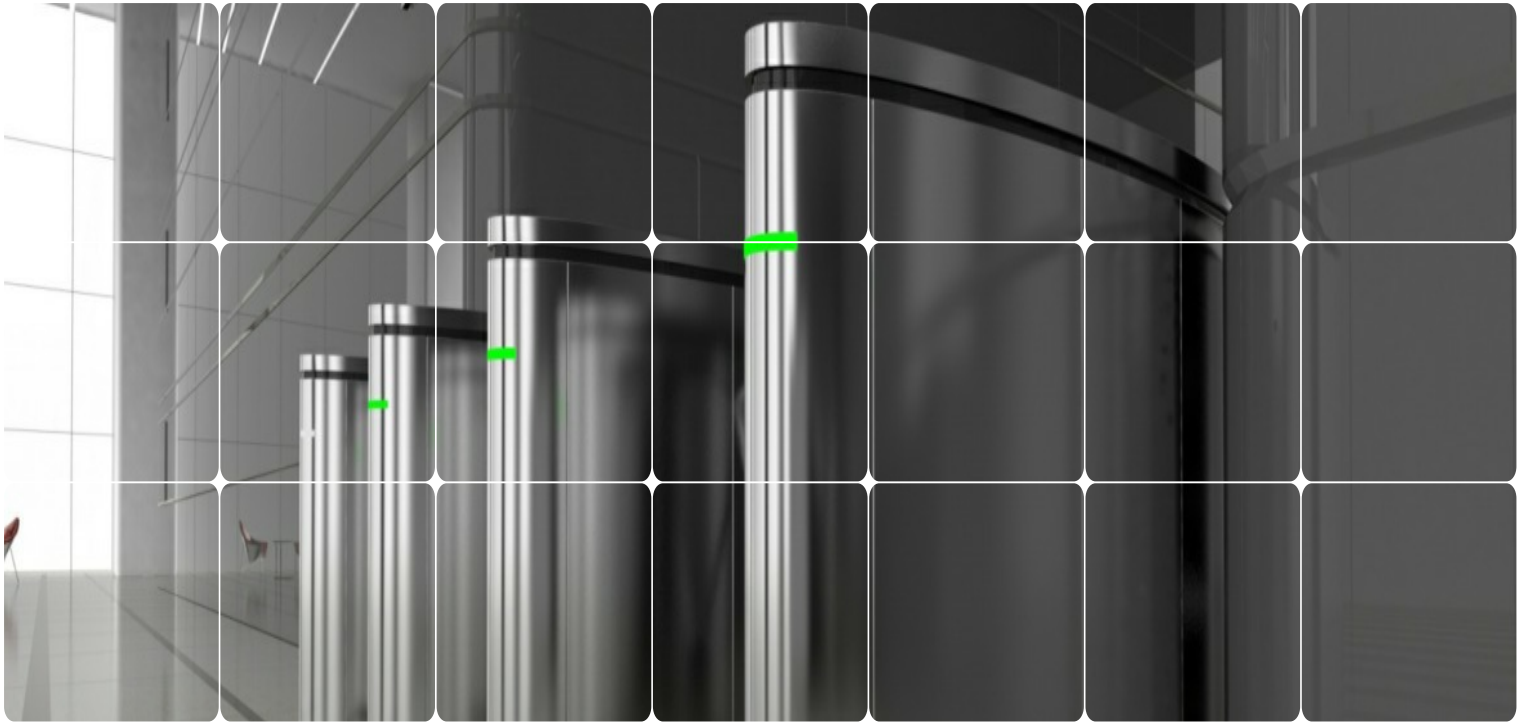
Altro Walkway™ 20

Multi-purpose slip-resistant flooring in modern and traditional looks



Static load limit		ASTM F970	1000 psi
Indentation		EN 433	≤ 0.10mm
Wear (abrasion) resistance		EN 660	≤ 10% 50,000 cycles
Castor chair abrasion		EN 425	Pass
Flexibility		ASTM F137	Pass
Light fastness		EN 20105-B02	≥ 6
Sound insulation		ISO 140-8	5dB
Electrical behaviors		EN 1815	≤ 2kV Antistatic
Fire and smoke performance		CAN/ULC - S102.2 ASTM E848 ASTM E662	Tested Class I ≤ 450

PEDESTRIAN ENTRANCE CONTROL



Card Capture

CC100 Range

The CC100 is a standalone visitor card capture device for various type of cards.

It can work with simple paper passes or can be integrated with the end users own access control reader.

The slim profile makes it easier to install beside or in front of most makes of pedestrian entrance control gates or turnstiles.

The CC100 helps reduce the cost of lost cards and greatly increases building security.

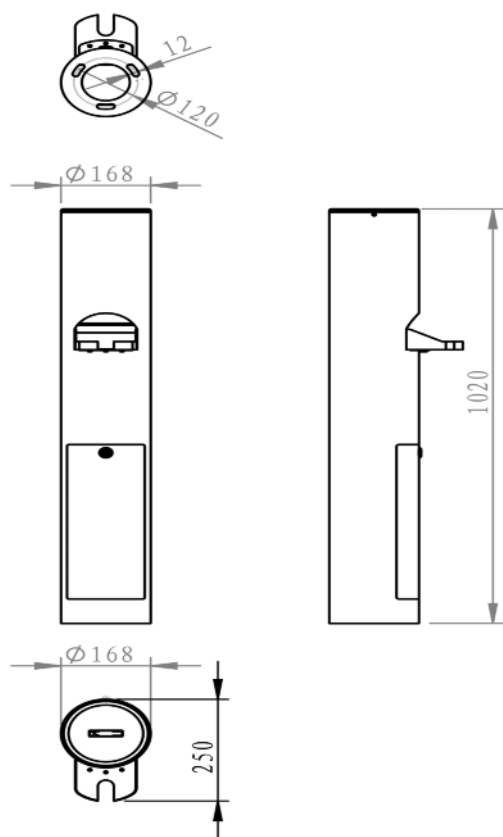


CC100 CARD CAPTURE

TECHNICAL SPECIFICATION:

Power Supply	24 Vdc
Power Consumption	24 Vdc 2 - 2.5 A
Environment	Internal use only

DIMENSIONS:



FEATURES:

1 COLLECT CARDS

Cards, their holders, pin clips up to 100mm wide, can be accepted. Lanyards can not be accepted.

2 INTEGRATION WITH ACCESS CONTROL READER

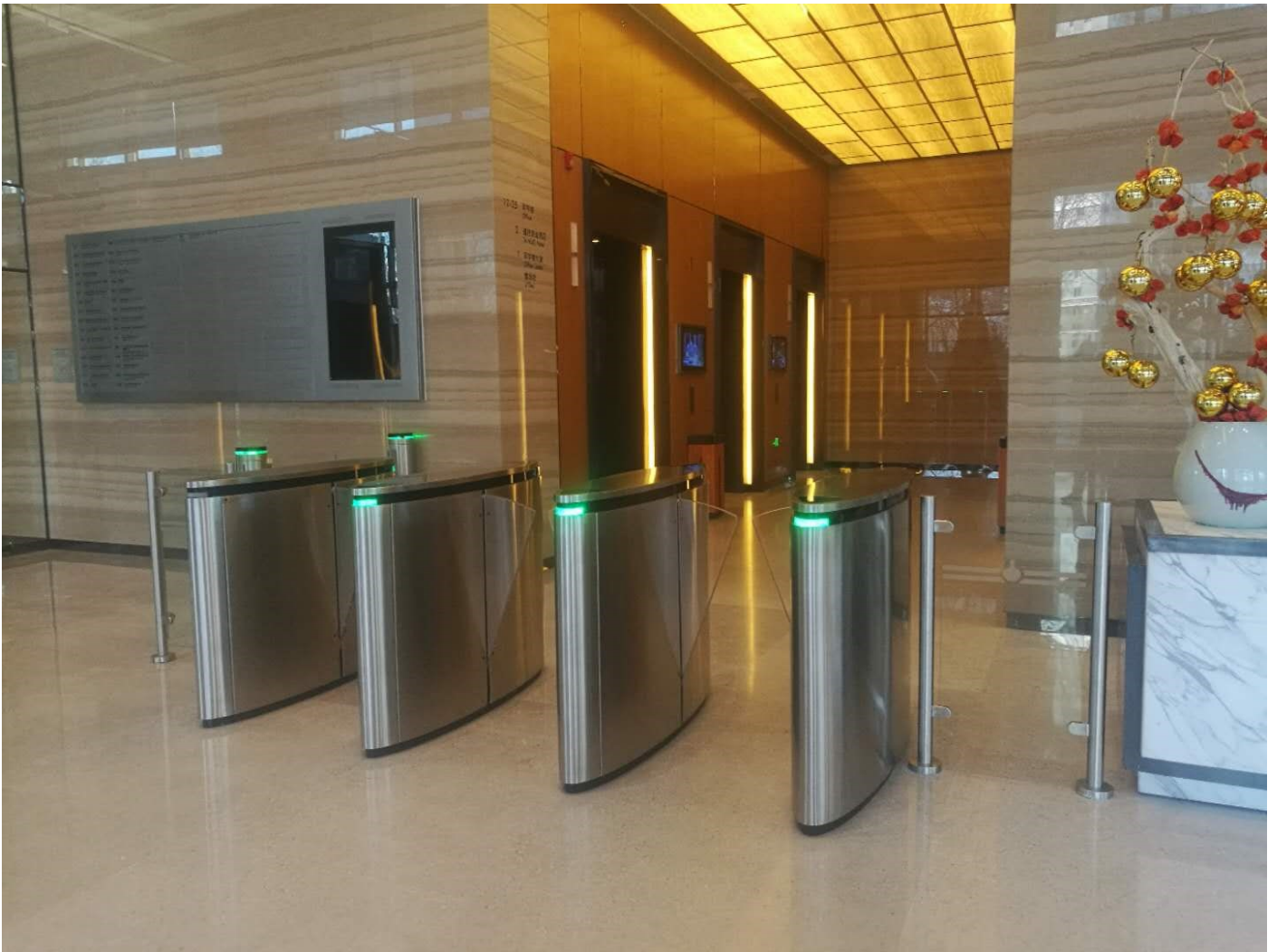
Any make of proximity card reader can be mounted to the device, all that is needed is a dry contact output signal from the access control to confirm the inserted card is valid.

After receipt of a valid card signal the valid card will be sent to the collection box. If no signal is received after a pre-set time the invalid card will be returned.

3 EASY MAINTENANCE

Bottom lockable access panel and easy access to the mechanism makes card collecting and maintenance easy.





Reception Control

Our reception and security remote activation consoles work with all our gates and turnstiles.

They enable receptionist and security guards the facility to allow entry or exit for staff or visitors how don't have the normal access control pass.



RECEPTION CONTROL



1 PUSH BUTTONS

Engraved aluminium front panel with industrial grade push buttons and key switch provide simple control of a single or multiple lane systems.

Standard console is supplied with:-

- 1 No. Momentary push button - Entry
- 1 No. Momentary push button - Exit
- 1 No. Key switch - Normal / Hold Open

Extra groups of the above can be added to control multiple lanes.

Console can be custom built to include various type of operator to suit individual site requirements.

2 TOUCH SCREEN

The reception touch screen console makes it easier for reception and security personally to: -

- Manage lane configuration.
- Allow ingress and egress of visitors.
- Active hold open function for fire or other types of emergencies.

There are three options-

- Single lane.
- 1-3 lanes.
- 1-15 lanes.

All consoles are the same size just different firmware. Arrow keys on the bottom of the screen allow you to scroll through the lanes.

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SJC Security Installations Ltd