



KUMAHIRA SECURITY GATES



Kumahira

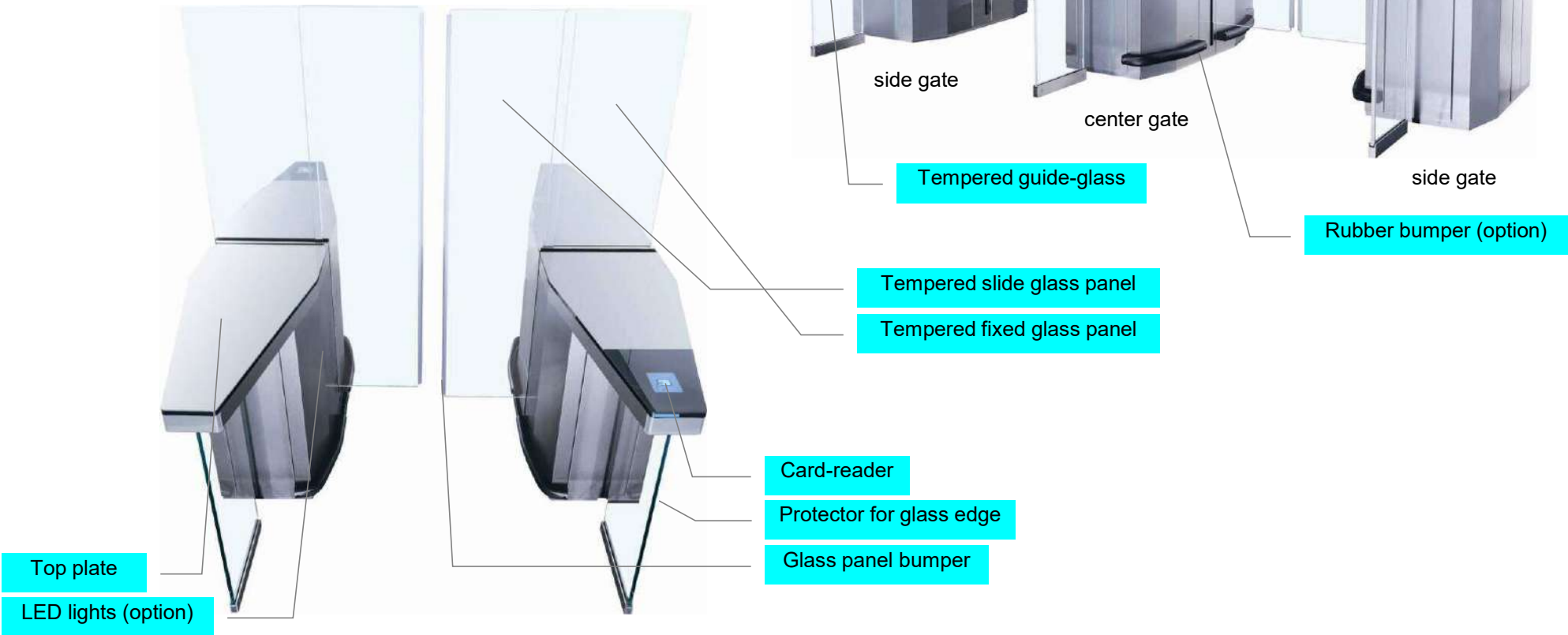
Security Gate MOG

GOOD DESIGN AWARD 2010

THE FINEST SECURITY GATE

MOG divides the area into open area and important area and controls the passage strictly with beautiful clear sliding glass panels.
You feel high security, but the simple design is harmonized with the space inconspicuously and you do not feel any stress.

Kumahira is particular about the details and pursue the finest design and the highest functions. The best security gate gives you a comfortable space performance.



Security Gate MOG

FEATURES

Simple-designed body and clear tempered glass panels

The fine stainless steel body and many clear glasses realizes simple beauty which is harmonized with your office space. The flat body is stainless vibration finish. This fine-quality finish clears away the past oppressive image and makes a comfortable space.

Free combination of the body : standard(narrow) type and wide type

The gate body has two types of standard type and wide type. Standard type is for the aisle 500 – 600 mm and wide type is for the aisle 800 – 900 mm. You can choose the gate flexibly depend on your demand.

Effective transaction to access

Accessible in both directions. 25 people are accessible per 1 minute (automatic door mode : max 50). It is available for large office building too.

Incorrect passage is detectable

Lamp and bell inform you of a incorrect passage like forced-passage and accompanied-passage.

Safety sensor

If an obstacle disturbs one safety sensor, slide panel automatically stop or open in the instant.

Glass panel bumper

It is equipped on the edge of slide glass panels. If you get caught in the panels, the panels do not hurt you.

Power failure

Slide panels can be opened easily with your hands.

Obstacle detector

If you or an obstacle get caught in the panels, slide panels automatically open instantly.

Lump-open

In an emergency or in having guests, all of panels can be kept at opening position when the signal is received.

Top plate

Card reader

Fine stainless steel top plate is vibration finish. Flat shape and solid feel of the material gives you refined impression.



Tempered glass panel

Clear fixed glass panels and slide glass panels do not make you feel any stress. You can choose the height 1200 or 1800 mm. No one can pass over the gate incorrectly.



Tempered guide-glass

Clear tempered glass is set as a part of the body. You feel the entrance seems to be opened and wide.



Security Gate TG2 GOOD DESIGN AWARD 2018

SOLID AND ELEGANT

TG2 has a solid and elegant gate body with high level security. The simple and sophisticated design suit best to the security of the office environment.

After accessing the card reader with ID, only the permitted user can go through the lane. Furthermore, the slide panels do not allow the outsider to open the panels by force.

FEATURES

Established security and safety

TG2 has the tailgating detection sensor which checks the unauthorized user from going through the gate forcibly.

The parts for slide glass panels have also the sensor which helps user not to get caught between the panels.

Two types of aisle

The aisle width from 600 mm or 900mm is selectable.

600 mm type is standard width. 900 mm type can be used for the wheelchair user and the person who handle a carriage or wagon.

Selectable Slide panel height

The height of slide panel is selectable from 1200 mm or 1800 mm.

If you select 1800mm flap-panel, no one can jump over the gate easily.

The 1200mm flap-panels create an elegant appearance in the office space.

Easy to replace

It is easy to replace the existing TG installed in the past for TG2 , without too much work. The additional floor work is not necessary, and the existing floor anchors and pipes can be used for the replacement.



Selectable Access Indication

There are two kinds of access indications. The liner type is stylish, and the arrow type can be recognized easily.



liner type



arrow type

Security Gate STG GOOD DESIGN AWARD 2012

COMPACT and SECURE

The concept of the design is "Compact" and "Secure".
This gate fits where the user needs many aisles of gate with high security.

Even the limited space, make it possible to realize both high security and easy installation.



1. FEATURES

Compact and Secure Design

Kumahira designs the gate which has compact body and 1800mm high flaps not to go over to security area.

Comfortable Flap Motion

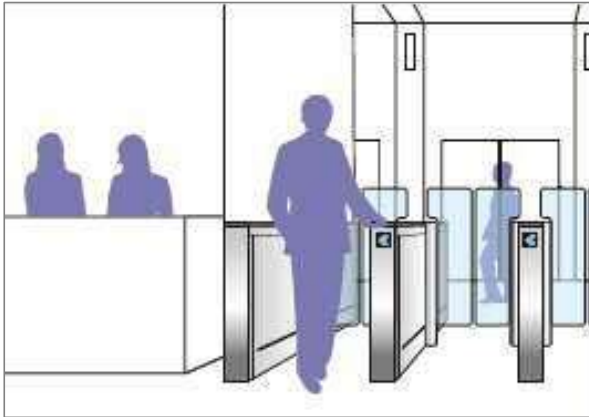
The stern glass panels can move softly. It is very comfortable to go through the gate.

Simple-designed body harmonized with the space

The tempered glass flap-panels and sophisticated stainless body can play a role to make a office so beautiful and elegance.

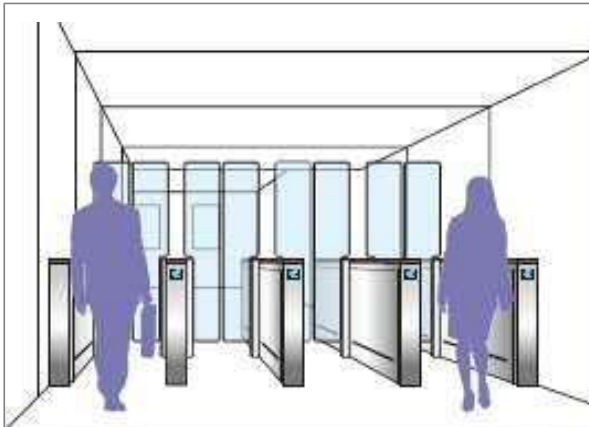
Security Gate STG

2. WIDE POSSIBILITY



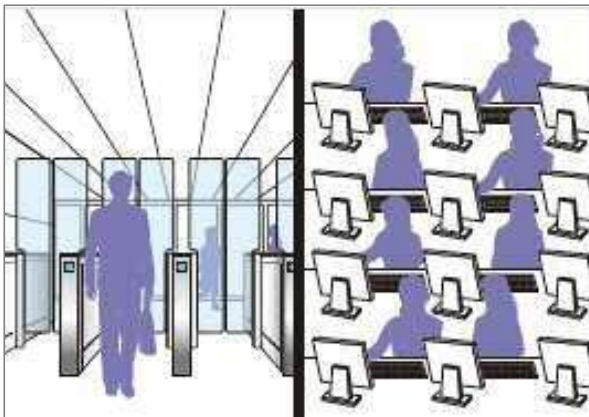
Office Building

The gate can make the entrance aspect fine with a stern security.



Data Center

In front of the storage area for valuables, the gate can play an important role.



Call Center

At the area where many people go through, can make the security line.

3. WIDE VARIATION AND OPTION

1. Selectable Card Reader

The line of acrylic and flat card reader goes direct to the body, and it gives beautiful impression. The point-lighting type or face-lighting type is selectable.

point-lighting type



face-lighting type



2. Selectable Access Indication

There are two kinds of access indications. The liner type is stylish, and the arrow type can be recognized easily.

liner type

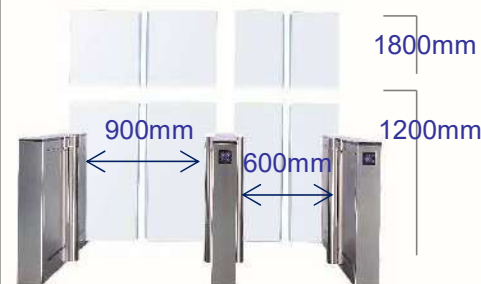


arrow type



3. Flap-Panel Size and Aisle Size

There are 1800mm and 1200mm size of flap-panels. And more, aisles are 600mm or 900mm.



4. LED Illumination

People of partial color blindness can also recognize the light easily. With optional LED for flap-panel which is tempered 12mm glass, the edge of panel shines beautifully.



Security Gate SCG GOOD DESIGN AWARD 2020

HIGH-SECURITY AND SPACE SAVING

A security gate allows only authorized users to enter the buildings. The gate provides and maximizes security with the flap barriers. Due to its sophisticated and slender form, an almost invisible gateway is created, thus harmonizing with wide variety of building scenes.

The compact design enables you to install the gate at the elevator lobby and narrow entrance.



The transparent central part of the gate body provides visibility to the lane. For multiple lanes, the blind area can be reduced.



1. FEATURES

<i>Sophisticated and compact design with high security</i> The gate is consisted with elegant stainless and glass while keeping the security by high flap-panels.	<i>Replaceable from various security gates</i> We have designed the gate body width in 150 mm. Since the width is general for security gates, it is easy to replace from variety of other security gates.	<i>Transparent design</i> Clear and transparent gate body secures the visibility when installed multiple lanes. And the stylish design blends with every environment, while retaining high level security.
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2. WIDE VARIATION AND OPTION

1. Flap-panel height  Flap-panels can be selected from 1200 mm or 1800mm height. If you want to create a wide open space in the entrance, 1200 mm panels would be suitable. On the other hand, if you need to enhance the security level, we recommend 1800 mm flap-panels.	2. Guide glass  You can select whether to mount the guide glass or not. If the guide glass is provided, it can prevent from unauthorized passing through without installing partition or the like. No guide glass provided Guide glass provided
3. Card reader  The point-lighting type or face-lighting type is selectable. When you attach importance to visibility, the face-lighting type is suitable. Point-lighting type Face-lighting type	4. Access indication  There are two kinds of access indications. The liner type is stylish, and the arrow type can be recognized easily. Liner type Arrow type

Security Gate UG GOOD DESIGN AWARD 2009

SIMPLE IS BEAUTIFUL

UG is simple and stylish gate. It is much suitable for refined space like a open entrance hall of building which is based on glass decorating design. It means “not emphasize”, “inconspicuous” and “simple”.

UG is designed by condensing proper functions and omitting extra-decoration. In the end “beauty” came into existence.

UG which pursue “non-decorating” dresses well your entrance.

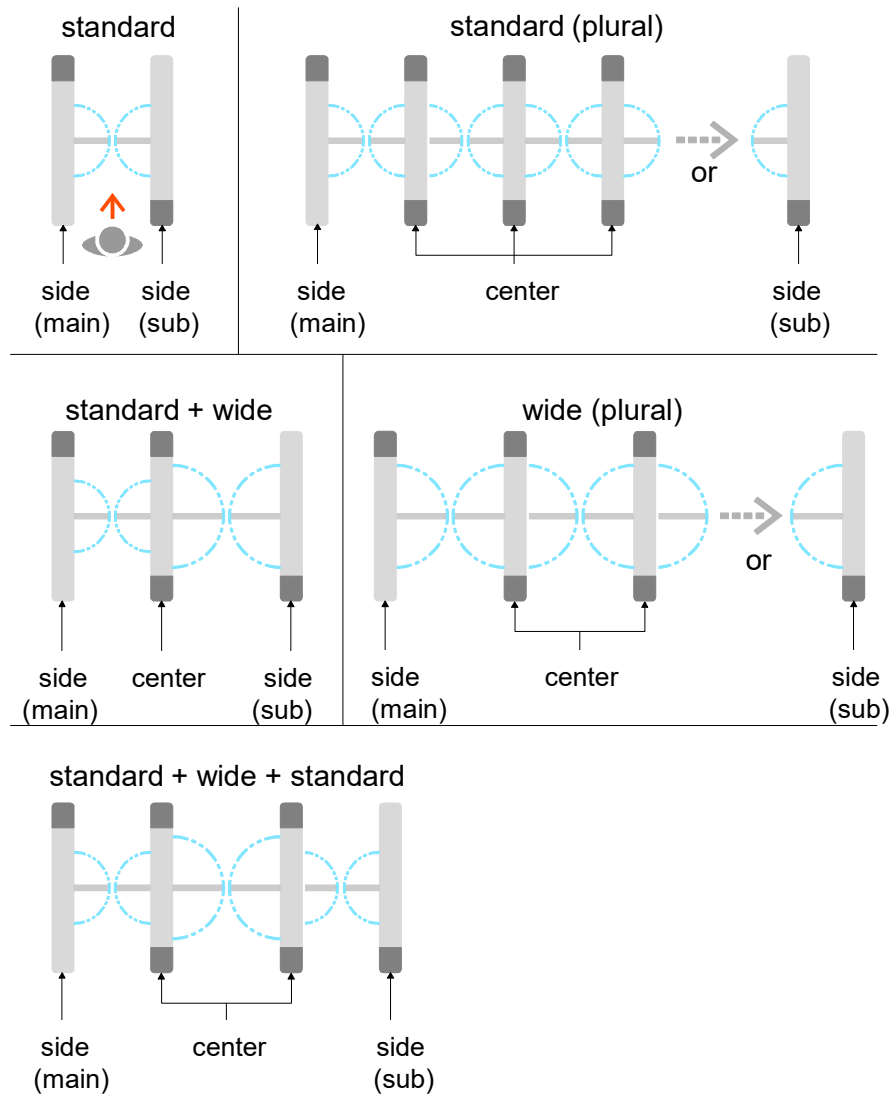


FEATURES

<i>Minimal-Design blended with space</i> Basic concept is that “shape”, “material” and “color” are minimum. The design based on glasses and metals is straight line and space-saving type. It does not disturb space expression.	<i>Quiet and smooth motion</i> Speedy and quiet motion of opening/ closing are realized by a strong motor. This strong motor is designed for big gates.
<i>Effective transaction to access</i> Accessible in both directions. 25 people are accessible per 1 minute (automatic door mode : max 50). It is available for large office building too.	<i>Incorrect passage is detectable</i> Lamp and bell inform you of a incorrect passage like forced-passage and accompanied-passage.

Security Gate UG

VARIOUS LAYOUT PLANS



Top plate

Card reader

Fine stainless steel top plate is vibration finish. Flat shape and solid feel of the material gives you refined impression.



Clear flap-panel

Flap panel is made by acrylic acid resin or polycarbonate and it does not hurt you when you hit this panel. Beautiful and clear panel does not make you feel any stress and strain.



Tempered guide-glass

Footlights

Clear tempered glass. Optional LED footlights are softly lit up your feet.



Security Gate UGS

GOOD DESIGN AWARD 2019

STYLISH AND COMPACT

Simple and sophisticated design followed the image of UG. UGS has realized a compact size with a depth of 980mm to meet more installation requirements while keeping the beautiful design. Small body enables installation in the various locations.

Tempered guide-glass

Card-reader
Top plate



1.FEATURES

Minimal-Design harmonized with space

Simple and minimalistic design matches to any architectural space. UGS creates a stylish area without disturbing any space expressions.

Compact body is suitable for small space

The top plate length of UGS is much shorter than UG.
The compact body enables installation in the narrow space.

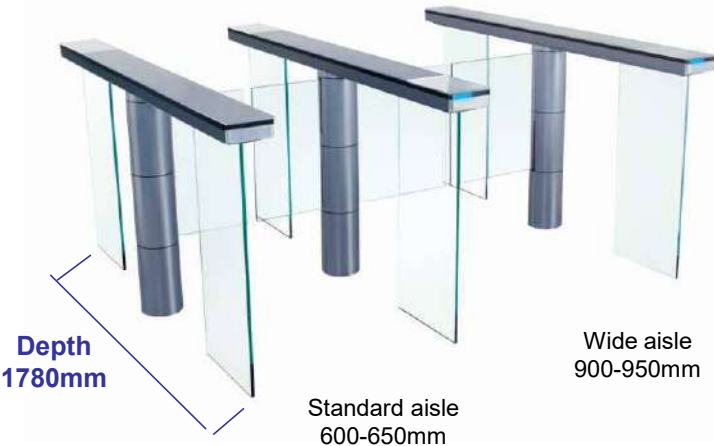
Space and cost saving

Although other security gates require the drive unit of flap-panels for both sided bodies, UGS can be operated with one side drive unit (only for standard aisle) . This design change can reduce not only space but also cost.

Security Gate UGS



Security Gate UG



Security Gate UGS

2. SELECTABLE FLAP-PANELS

■ Length of flap-panel

Long flap-panel or short flap-panel can be selected. Long flap-panel minimizes the clearance between gate body and flap-panel when the panel is closed. It prevents the passer from slipping through the lane.

In case of short flap-panel, the ends of flap-panel does not protrude from the gate body when the panel is open.

Long flap-panel



Closed flap-panel
(Front)



Open flap-panel
(Side)

Short flap-panel



Closed flap-panel
(Front)



Open flap-panel
(Side)

■ Color of flap-panel

Glass-colored flap-panel or clear flap-panel can be selected. You can choose one in accordance with the design of installation site.



Glass-colored flap-panel



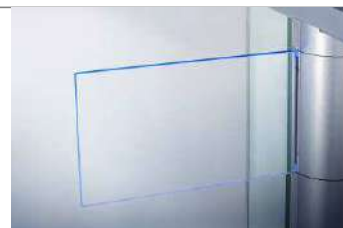
Clear flap-panel

3. OPTION

Flap-panel LED

LED to illuminate the edge of flap-panel for decoration

* Choose "clear flap-panel" for better decoration.



LED footlight

LED to illuminate lower part of guide glass for decoration

Crawling detection sensor

Detects unauthorized passage under the flap-panel

Security Gate LIG

GOOD DESIGN AWARD 2011

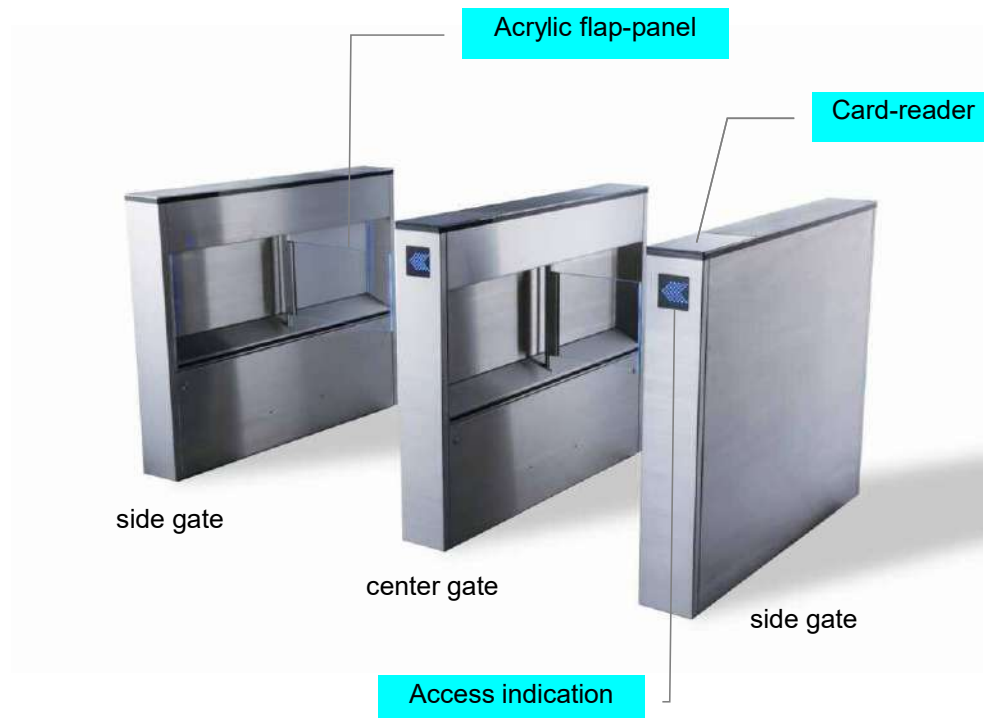
COMPACT FOR ANYWHERE, ANYONE

The concept of the design is "Compact" and "Simple".

This gate fits anywhere and harmonizes with the space unaffectedly.

The exterior of whole of stainless steel is performing a smart form and being full of high-quality.

Considering the passage of children and wheelchairs, the safety is compatible with ease of use. Kumahira realized the security gate that anyone can use easily anywhere.



1. FEATURES

Safety Universal Design

With optional lower sensors and urethane flap-panels, children can also pass the gate safely. Also, the access indication is equipped LED lights which is visible to the people of partial color blindness.

Compact Design

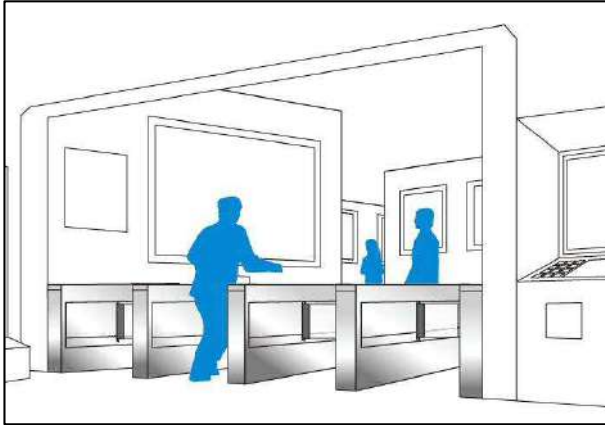
Considering "Compact" as the concept, Kumahira designed a small and space-saving security gate. The length is 1,100 mm only and it is possible to install if you do not have enough space.

Simple-designed body harmonized with the space

The exterior of glossy and beautiful hairline stainless steel finish is smart, elegant and sophisticated. Each side of the body is flat and it fits any floor and building. With acrylic flap-panels, an open area is born and an exaggeration is not given.

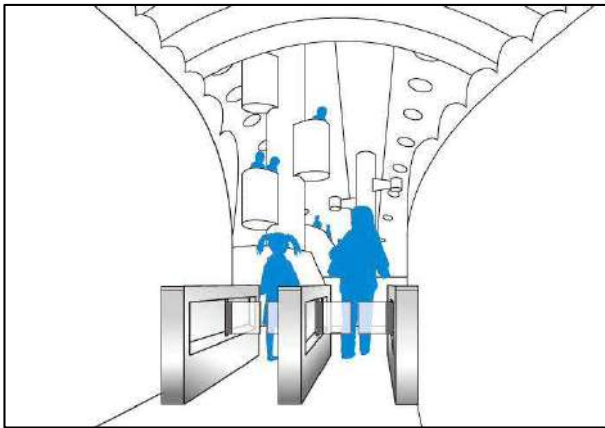
Security Gate LIG

2. WIDE POSSIBILITY



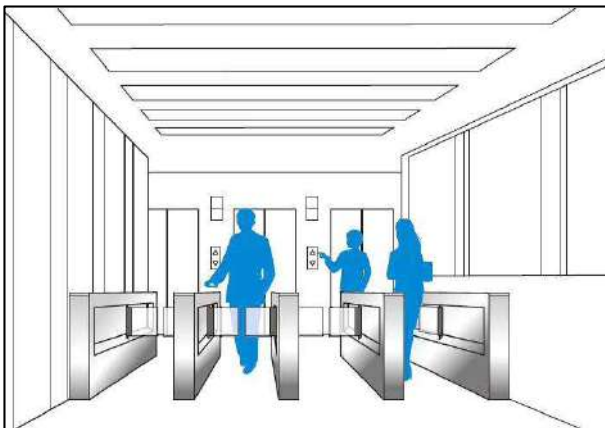
Cultural Facilities

Fine stainless steel top plate is vibration finish. Flat shape and solid feel of the material gives you refined impression.



Amusement Center

Suitable for the entrances of movie theaters and other amusement parks. It makes the passage smooth.



Office Building

Compact design makes it possible to install at narrow area

3. WIDE VARIATION AND OPTION

1. Selectable Card Reader

The line of acrylic and flat card reader goes direct to the body, and it gives beautiful impression. The point-lighting type or face-lighting type is selectable.

point-lighting type



face-lighting type



2. Selectable Access Indication

There are two kinds of access indications. The liner type is stylish, and the arrow type can be recognized easily.

liner type



arrow type



3. Selectable Flap-Panel

There are two kinds of flap-panels. Acrylic type is clear and beautiful, and urethane type is considered as universal design.

acrylic type



urethane type



4. LED Illumination

People of partial color blindness can also recognize the light easily. With optional LED for flap-panel, the edge of panel shines beautifully.



Security Gate SAR

SIMPLIFIED TYPE

The Compact body with strong flap resolves various problems.
Simple and Compact and it can fit in any scenes.



1. FEATURES

Compact Design

Considering “Simple and Compact” as the concept, Kumahira designed a small and space-saving security gate. The height of SAR is only 900mm and it is possible to install at any places.

Big flap and High holding power

Flap is 520mm height, 500mm width and 12mm thickness with tempered glass. Driving part has the high holding power cultivated in the security gate. But it is a small body and can prevent from unauthorized people to enter.

Safety Universal Design

The access indication is equipped LED lights which is visible to the people of partial color blindness.



Security Gate SARL

FLAP VARIATIONS THAT EXPAND THE USAGE SCENE

Compact body gate with selectable flap-panel solves various issues.

The suitable type can be used in various situations, such as the entrance and exit of unmanned payment stores, automation of infectious disease countermeasures, and labor saving in ticketing operations.



Acrylic flap-panel

Urethane flap-panel

Flap-less-panel

1. FEATURES

Flap-panel type that can be selected from 3 types

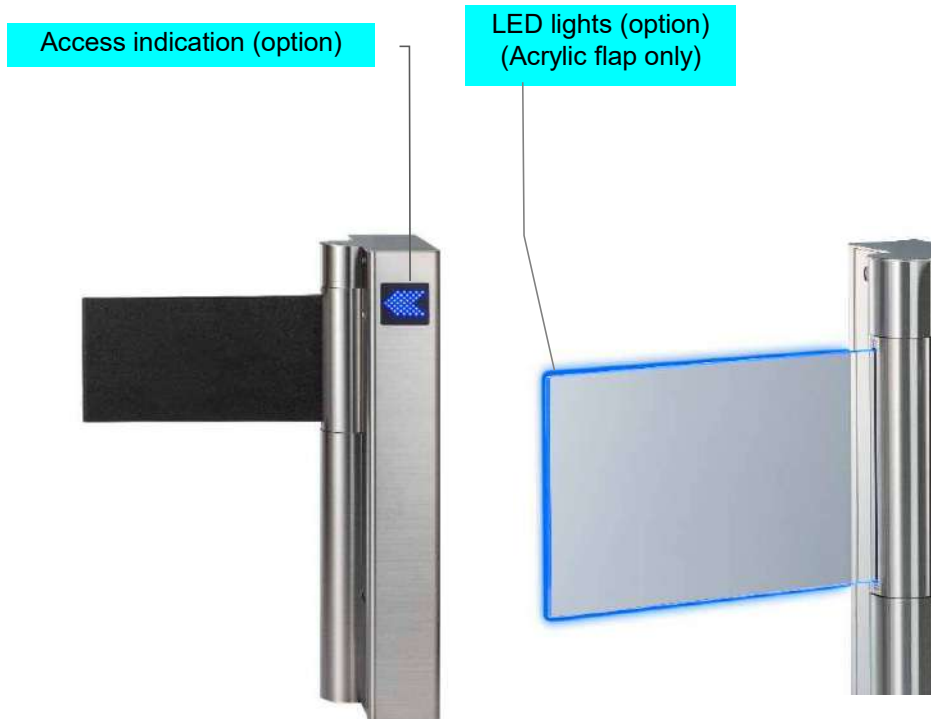
Three types: acrylic flap-panel, urethane flap-panel, and flap-less type. The acrylic flap, which does not block your view and does not give a feeling of pressure, and the urethane flap, which is a flexible material that emphasizes safety, have become compact with a height of approximately 250 mm. Slim flap-less type can increase security much simpler as a sensor gate.

Compact body that combines multiplicity of use and safety

We realize the space saving with a depth of 365 mm by narrowing down the functions, and also round the corners of the body to improve safety. The promotional sheet for advertisement can be applied to the body and installed in various places.

Possibility to use in various ways

By linking with a body temperature check/ mask detection terminal and a disinfectant dispenser, efficient infectious disease countermeasures can be implemented. It can also be used in various places because it can be linked with an unmanned payment system or ticketing system.



Security Gate LAG

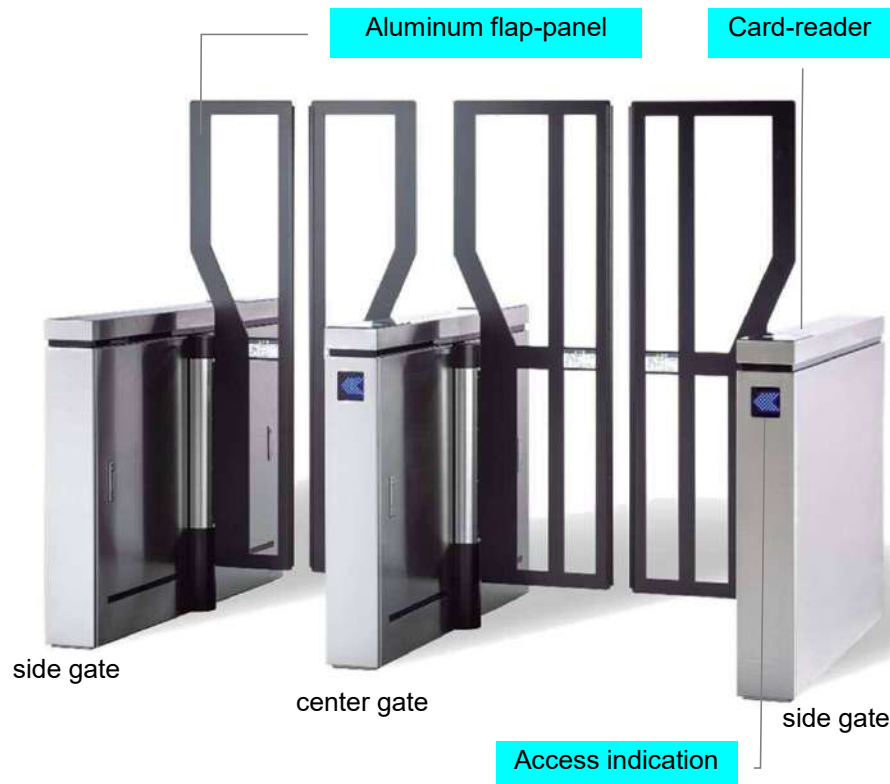
GOOD DESIGN AWARD 2017

OUTDOOR HIGH SECURITY

LAG provides high security for both outdoor and indoor spaces. High-flap-panel prevents an unauthorized user from jumping over and the resistance against forced-open is much stronger than that of other our security gate.

Simple and sturdy design is harmonized with various spaces and create comfortable spaces.

The short body length of 1300 mm makes it possible to install in a small space.



1. FEATURES

High Waterproof and Dustproof Performance

LAG that has waterproof and dustproof performance equivalent to Ingress Protection Code IP55 can be installed outside. IP rating is the degree of protection against intrusion of solid objects or materials, water and dust.

Aluminum High-Flap-Panel

The body design is compact, but the flap-panels are tall and no one cannot go over the 1,600 mm high flaps.

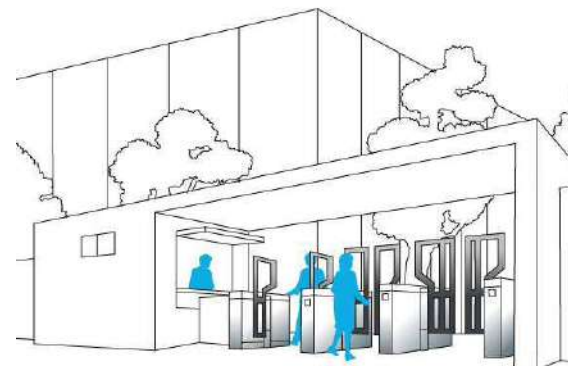
Aluminum flaps are light-weight, and superior in safety and weather-resistance.

Selectable Flap-Panel height and Aisle width

The height of flap-panel is selectable from 1600 mm or 1200 mm.

We have two widths of flap-panel. The standard aisle width is 600 mm. For the access by wheelchair user, we provide a wide aisle of 900 mm.

2. WIDE POSSIBILITY



Outdoor Entrance

Suitable for the outdoor entrances of office buildings, laboratories, factories, and the like.

Security Gate MBG

GOOD DESIGN AWARD 2017

COMPACT and PORTABLE

MBG is suitable for short-term events such as exhibitions and international conferences.

This product controls the authorized passages and ensures the easy installation and removal, with the compact and lightweight body and the removable casters.

1. WIDE POSSIBILITY



Suitable for...

Event Sites

Outdoor Entrance

Temporary Use

Compact design makes it possible to install at narrow area

2. FEATURES

Easy installation and relocation

Light-weight and compact body enable us to install and relocate the product easily. The optional conveyor base has wheels, which helps to carry the body everywhere. Therefore, this portable gate is the best suited for temporary use, event sites and so on.

High waterproof and dustproof performance

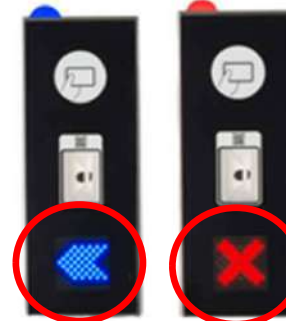
This product has waterproof and dustproof performance equivalent to Ingress Protection Code IP55 can be installed outside.

Safety design

The soft urethane-made flap panels are provided for the safe passages. These flap panels prevent users from hurting while closing.



Authentication part



- Passage allowed (Left)
- Passage not allowed / error (Right)

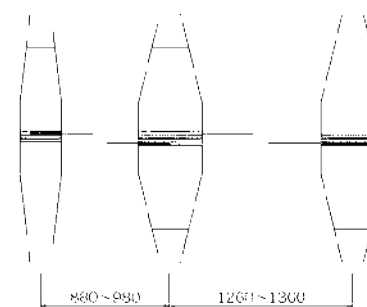
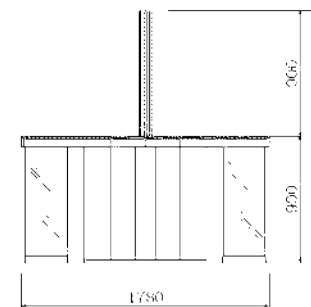
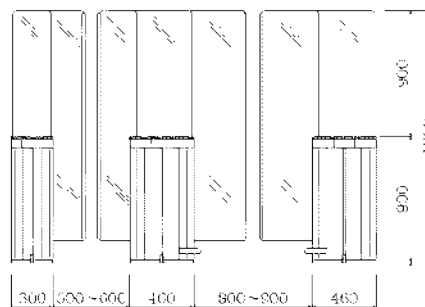


Security Gate MOG

■ front view

■ side view

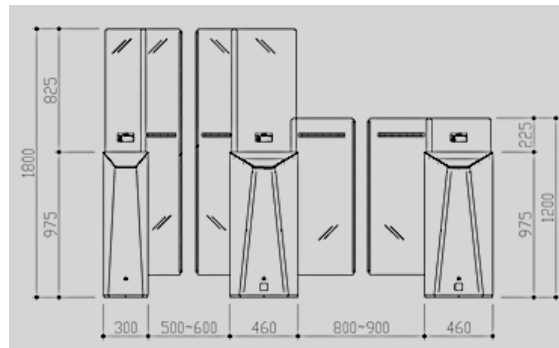
■ above view



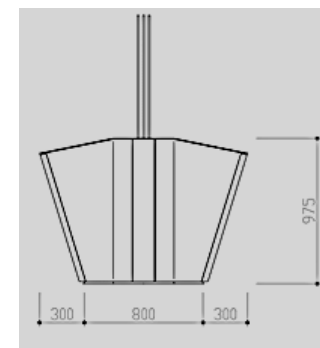
Access control system	Not included
Direction	Both directions
Capacity	25 people/ min. Automatic door mode : Max.50 people
Necessary time to open/ close	Standard(narrow) aisle : 1.4 - 2.2 sec. Wide aisle : 1.7 - 3.0 sec.
Dimensions for gate body	Standard(narrow) type : W300 x H900 x D1,780 mm Wide type : W460 x H900 x D1,780 mm
Panel height	1,200 mm/ 1,800 mm over the floor
Aisle width	Standard(narrow) aisle : Changeable within the range 500 - 600 mm
	Wide aisle : Changeable within the range 800 - 900 mm
Net weight (Included panel H1800, guide-glass, control device)	Standard(narrow) type : Side gate (main) : 215 kg Side gate (sub) : 210 kg Center gate : 275 kg
	Wide type : Side gate (main) : 275 kg Side gate (sub) : 265 kg Center gate(W) : 340 kg Center gate(NW) : 325 kg
Main materials	Body : Stainless steel, Acrylic acid resin, Polycarbonate
	Guide glass/ Slide panel/ Fixed panel : Tempered clear glass
	Structural members : Galvanizing steel plate, Structural steel, Stainless steel
Finish	Stainless : Vibration finish
Power supply	AC220V $\pm$ 10% 50/ 60Hz with grounding / AC90V-110V 50/ 60Hz with grounding
Consuming power	Standard type - Not in use : 33W(66VA) In use : 57W(110VA) (Optional parts are not included)
	Wide type - Not in use : 37W(88VA) In use : 74W(132VA) (Optional parts are not included)
Power outage	Flap panels can be opened easily with your hands
Operation temperature	0-40°C Humidity : no condensing
Installation	Indoor

Security Gate TG2

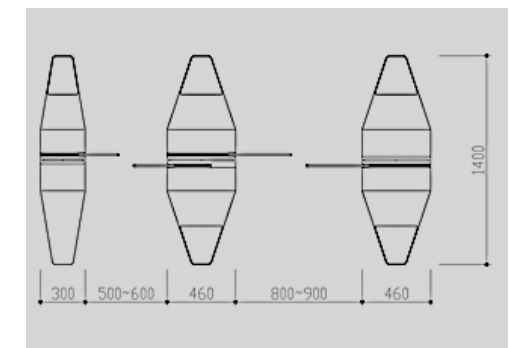
■front view



■side view



■above view

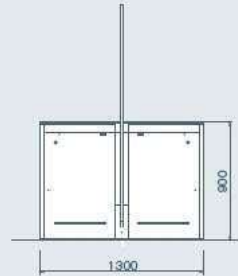


Access control system	Not included
Direction	Both directions
Capacity	25 people/ min. Automatic door mode : Max.50 people
Necessary time to open/ close	Standard(narrow) aisle : Changeable within the range 1.35 - 2.0 sec. Wide aisle : Changeable within the range 1.5 - 2.9 sec.
Dimensions for gate body	Standard(narrow) type : W300 x H975 x D1,400 mm Wide type : W460 x H975 x D1,400 mm
Panel height	1,200 mm/ 1,800 mm over the floor
Aisle width	Standard(narrow) aisle : Changeable within the range 500 - 600 mm Wide aisle : Changeable within the range 800 - 900 mm
Main materials	Body : Stainless steel, Polycarbonate, Acrylic acid resin, Tempered clear glass Structural members : Galvanizing steel plate, Structural steel, Stainless steel Slide panel/ Fixed panel : Tempered clear glass
Finish	Stainless : Hairline finish
Power supply	AC220V $\pm$ 10% 50/ 60Hz with grounding / AC90V-110V 50/ 60Hz with grounding
Consuming power	Not in use : 24.2W/49.2VA In use : 53.5W/111.8VA (Optional parts are not included)
Power outage	Flap panels can be opened easily with your hands
Operation temperature	0 - 40°C Humidity : no condensing
Installation	Indoor

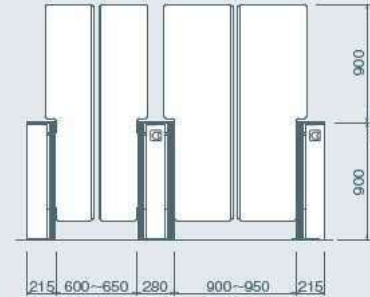
Security Gate STG



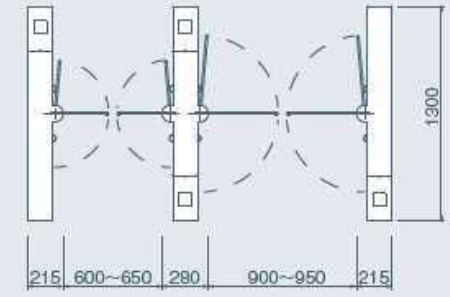
■side view



■front view

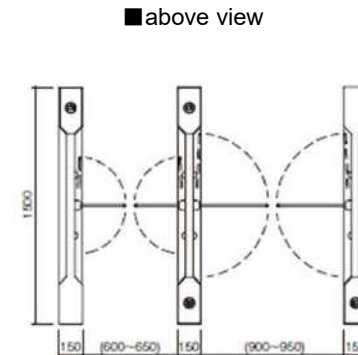
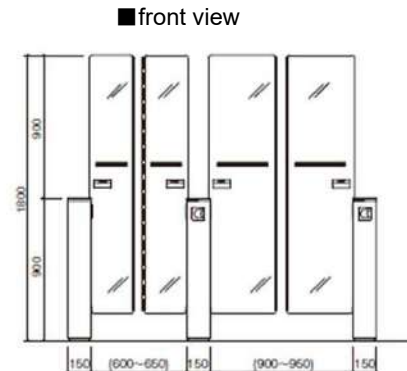
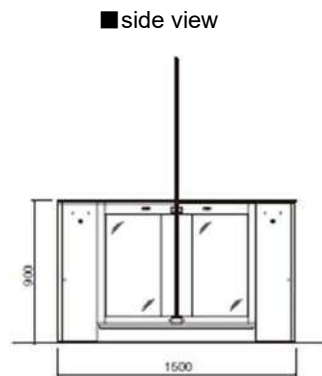


■above view



Access control system	Not included
Direction	Both directions
Capacity	25 people/ min. Automatic door mode : Max.50 people
Panel opening/ closing speed	Standard(narrow) aisle : Changeable within the range 1.3 - 2.0 sec. Wide aisle : Changeable within the range 1.9 - 2.9 sec.
Dimensions for gate body	W150 x H900 x D1,300 mm (Center pole size : Side gate W215mm , Center gate W280mm)
Panel height	1,200 mm / 1,800mm over the floor
Aisle width	Standard(narrow) aisle : 600 mm, Changeable within the range 600 - 650 mm Wide aisle : 900 mm, Changeable within the range 900 - 950 mm
Main exterior materials	Body : Stainless steel, Acrylic acid resin, Polycarbonate Flap panel : Tempered clear glass
Finish	Stainless : Hairline finish
Power supply	AC220V $\pm$ 10% 50/ 60Hz with grounding / AC90V - 110V 50/ 60Hz with grounding
Consuming power	Standard type - Not in use : 31W/51VA In use : 58W/95VA (Optional parts are not included) Wide type - Not in use : 37W/55VA In use : 52W/77VA (Optional parts are not included)
Power outage	Flap panels can be opened easily with your hands in case of power outage.
Operation temperature	0 - 40°C Humidity : no condensing
Installation	Indoor

Security Gate SCG



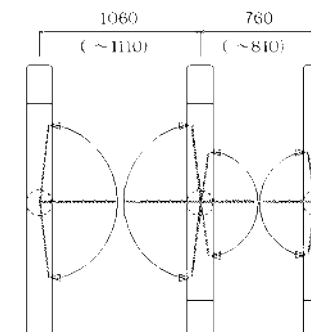
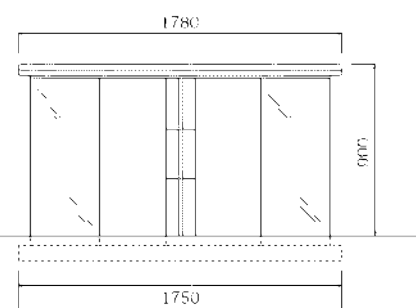
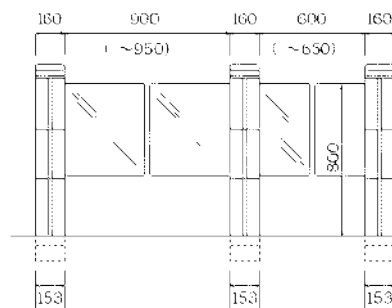
Access control system	Not included	
Passage direction	Both directions	
Passage capacity	Max. 50 people/ min.	
Aisle width	Standard(narrow) aisle : 600 mm, Changeable within the range 600 - 650 mm	
	Wide aisle : 900 mm, Changeable within the range 900 - 950 mm	
Dimensions for gate body	W150 x H900 x D1500 mm	
Flap-panel height	1,200mm/ 1,800mm above the floor	
Net weight	Flap-panel H1,200mm	Standard flap-panel: Side gate (main): approx.100kg Side gate (sub):approx. 95kg Center gate: approx.125kg
		Wide flap-panel: Side gate (main): approx.105kg Side gate (sub): approx.100kg Center gate: approx.135kg
	Flap-panel H1,800mm	Standard flap-panel: Side gate (main): approx.105kg Side gate (sub): approx.100kg Center gate: approx.135kg
		Wide flap-panel: Side gate (main): approx.115kg Side gate (sub): approx.110kg Center gate: approx.155kg
Main materials	Body : Stainless steel, Tempered clear glass, Polycarbonate, Acrylic resin	
	Structural members : Hot-dip alloy plated steel sheet, Structural steel, Stainless steel, Aluminum alloy	
	Flap-panel : Tempered clear glass	
Finish	Stainless : Hairline finish	
Power supply	AC220V±10% 50/ 60Hz with grounding	
Consumption power	Standard aisle; Not in use : 26.3W(50.0VA) In use : max. 46.6W(95.5VA)	
	Wide aisle; Not in use : 32.4W(56.0VA) In use : max. 54.5W(103.5VA)	
Power outage	Flap-panels can be opened easily with your hands in case of power outage.	
Operation environment	0 - 40°C Humidity : no condensing	
Installation environment	Indoor	

Security Gate UG

■front view

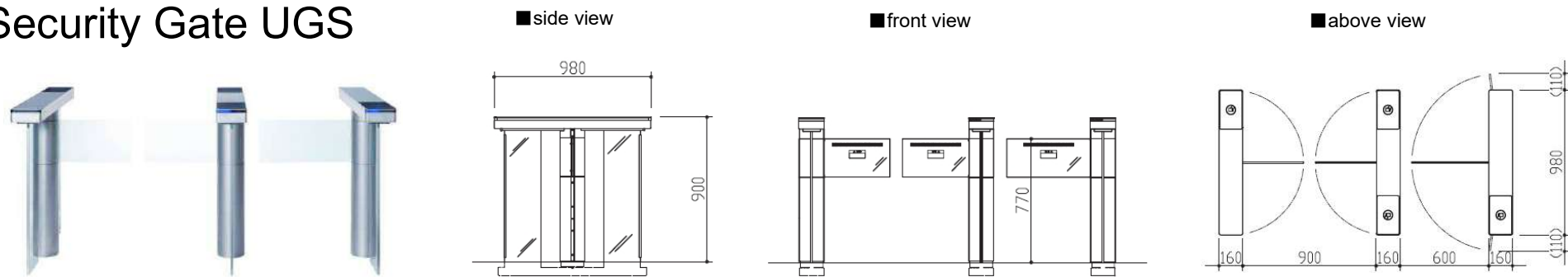
■side view

■above view



Access control system	Not included
Direction	Both directions
Capacity	25 people/ min. Automatic door mode : Max.50 people
Necessary time to open/ close	Standard(narrow) aisle : 0.6 - 1.4 sec. Wide aisle : 0.8 - 1.8 sec.
Dimensions for gate body	W160 x H900 x D1,780 mm
Height of flap-panel	800 mm over the floor
Aisle width	Standard(narrow) aisle : Basic 600 mm (Changeable within the range 600 - 650 mm)
	Wide aisle : Basic 900 mm (Changeable within the range 900 - 950 mm)
Net weight	Side gate (main) : 103 kg Side gate (sub) : 99 kg Center gate : 110 kg
Main materials	Body : Stainless steel, Acrylic acid resin, Polycarbonate, ABS resin
	Flap panel : Acrylic acid resin or Polycarbonate
	Guide glass : Tempered clear glass
	Structural members : Galvanizing steel plate, Structural steel, Stainless steel
Finish	Stainless : Vibration finish
Power supply	AC220V±10% 50/ 60Hz with grounding / AC90V-110V 50/ 60Hz with grounding
Consuming power	Not in use : 30W(66VA) In use : max. 90W(220VA) (Optional parts are all included)
Power outage	Flap panels can be opened easily with your hands
Operation temperature	0 - 40°C Humidity : no condensing
Installation	Indoor
Base cover	For the installation on the existing floor, it covers the exposed base.

Security Gate UGS

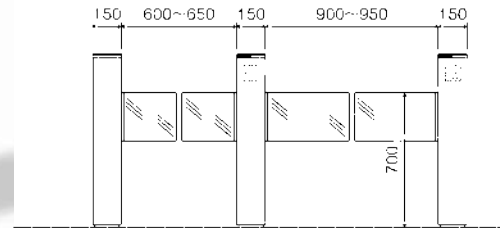


Access control system	Not included
Passage direction	Both directions
Passage capacity	Max. 50 people/ min.
Aisle width	Standard(narrow) aisle : 600 mm, Changeable within the range 600 - 650 mm Wide aisle : 900 mm, Changeable within the range 900 - 950 mm
Dimensions for gate body	W160 x H900 x D980 mm ※Installation with exposed-base cover: H985mm
Flap-panel height	770 mm over the floor ※Installation with exposed-base cover: 855mm
Net weight	Side(main): approx. 70kg, Side(standard aisle/sub): approx. 60kg, Side(wide aisle/sub): approx.70kg, Center: approx.70kg ※Installation with exposed-base cover: Side(main): approx. 75kg, Side(standard aisle/sub): approx. 65kg, Side(wide aisle/sub): approx.75kg, Center: approx.75kg
Main materials	Body : Stainless steel, Tempered clear glass, Polycarbonate, ABS resin Flap-panel : Acrylic acid resin Guide glass : Tempered clear glass Structural members : Galvanizing steel plate, Structural steel, Stainless steel
Finish	Stainless : Vibration finish
Power supply	AC220V±10%
Consumption power	Standard aisle; Not in use : 17.6W(38.9VA) In use : max. 47.4W(118.9VA) Wide aisle; Not in use : 23.1W(50.4VA) In use : max. 74.7W(189.5VA)
Power outage	Flap-panels can be opened easily with your hands in case of power outage.
Operation environment	0 - 40°C Humidity : no condensing
Installation environment	Indoor
Exposed-base cover	This is the makeup base cover for gates which cannot be installed directly on the floor.

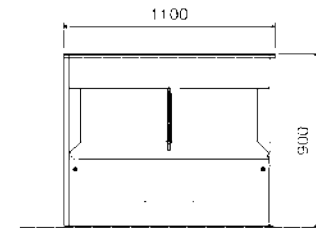
Security Gate LIG



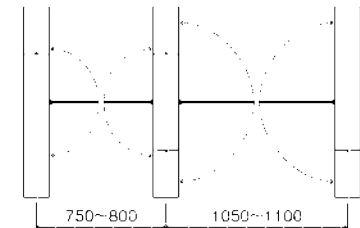
■ front view



■ side view



■ above view

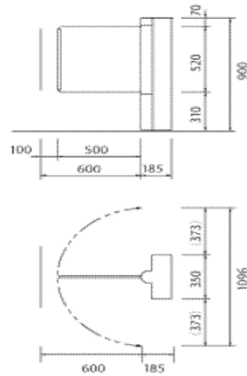


Access control system	Not included
Direction	Both directions
Capacity	25 people/ min. Automatic door mode : Max.50 people
Panel opening/ closing speed	Standard(narrow) aisle : Changeable within the range 0.3 - 1.5 sec. Wide aisle : Changeable within the range 0.35 - 1.5 sec.
Dimensions for gate body	W150 x H900 x D1,100 mm
Panel height	Acrylic type : 700 mm over the floor Urethane type : 697.5 mm over the floor
Aisle width	Standard(narrow) aisle : 600 mm, Changeable within the range 600 - 650 mm Wide aisle : 900 mm, Changeable within the range 900 - 950 mm
Main exterior materials	Body : Stainless steel, Acrylic acid resin, Polycarbonate Flap panel : Acryl or Urethane
Finish	Stainless : Hairline finish
Power supply	AC220V $\pm$ 10% 50/ 60Hz with grounding / AC90V-110V 50/ 60Hz with grounding
Consuming power	Not in use : 24W/46VA In use : 230W/273VA (Optional parts are not included) Not in use : 38W/59VA In use : 240W/284VA (Optional parts are all included)
Power outage	Flap panels can be opened easily with your hands
Operation temperature	0 - 40°C Humidity : no condensing
Installation	Indoor

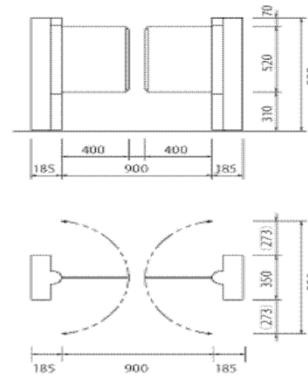
Security Gate SAR



■ Single flap-panel specifications



■ Double flap-panels specifications



■ above view



Access control system	Not included
Direction	Both directions
Capacity	Max 50 people/ min.
Panel opening/ closing speed	Changeable within the range 2.0 – 3.1sec./opening speed , 2.0 – 4.2/closing speed
Dimensions for gate body	W120 x H900 x D350 mm
Panel height	Tempered clear glass: 830 mm over the floor
Aisle width	Standard(narrow) aisle : 600 mm. Wide aisle : 900 mm.
Main exterior materials	Body : Stainless steel. Flap panel : Tempered clear glass
Finish	Stainless : Hairline finish
Power supply	AC220V $\pm$ 10% 50/ 60Hz with grounding / AC90V-110V 50/ 60Hz with grounding
Consuming power	Not in use : 10.2W/25.2VA In use : 14.7W/36.4VA (Single flap-panel specifications) Not in use : 16.4W/39.4VA In use : 23.7W/57.8VA (Double flap-panels specifications)
Power outage	Flap panels can be opened easily with your hands
Operation temperature	0 - 40°C Humidity : no condensing
Installation	Indoor

Security Gate SARL

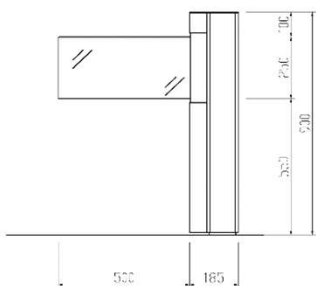


Flap-panel specifications	Acrylic flap-panel	Urethane flap-panel	Flap-panel-less
Access control system	Not included		
Direction	Both directions		
Capacity	Max 50 people/ min.		
Panel opening/ closing speed	Opening and closing speed can be set individually in 4 steps		—
Dimensions for gate body	W120 x H900 x D365 mm (Width of central cylinder : W185 mm)		W120 x H900 x D365 mm
Panel height	800 mm	797 mm	—
Flap material	Acrylic (t10mm)	Urethane resin	—
Body weight	Single flap-panel specifications (1 chassis) : Around 40 kg.		Around 30 kg.
	Double flap-panels specifications (2 chassis) : Around 75kg		
Aisle width	Single swing aisle : 600 mm.		600 ~900 mm
	Double swing aisle : 900 mm.		
Main exterior materials	Body : Stainless steel.		
Finish	Stainless : Hairline finish		
Power supply	AC220V±10% 50/ 60Hz with grounding / AC90V-110V 50/ 60Hz with grounding		
Consuming power	Not in use : 8.2W (11.8VA) In use : 46.2W (55.0VA)		3.6W(9.2VA)
	Single flap-panel specifications		
	Not in use : 13.2W (16.3VA) In use : 87.8W (122.8VA)		
	Double flap-panels specifications		
Power outage	Flap panels can be opened with your hands		
Operation temperature	0 - 40℃ Humidity : no condensing		
Installation	Indoor		

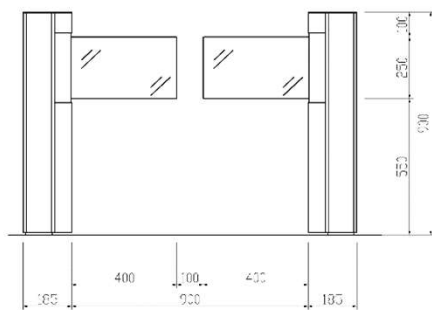
Security Gate SARL

Acrylic flap-panel type

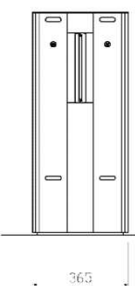
■ Single flap-panel specifications



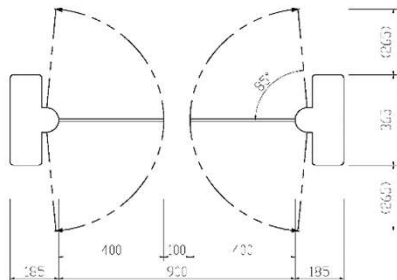
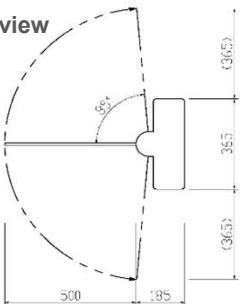
■ Double flap-panels specifications



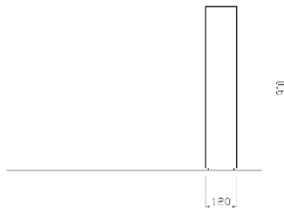
■ Side view



■ Top view



■ Front view

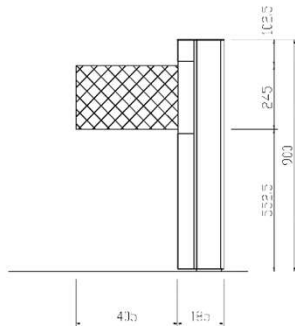


■ Top view

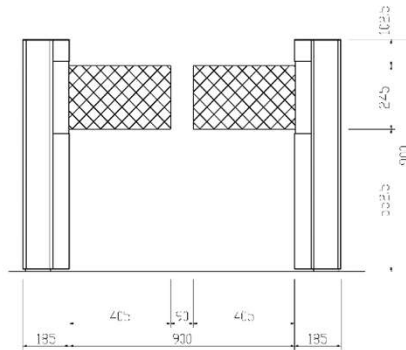


Urethane flap-panel type

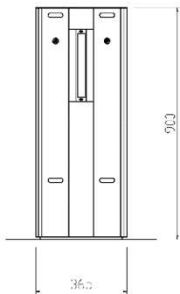
■ Single flap-panel specifications



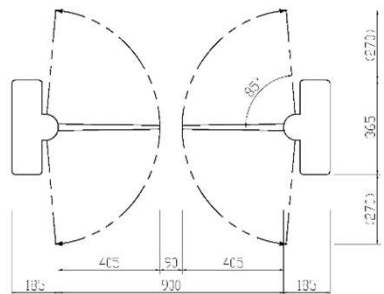
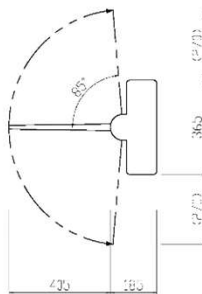
■ Double flap-panels specifications



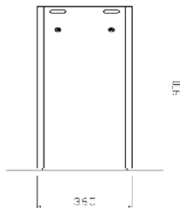
■ Side view



■ Top view



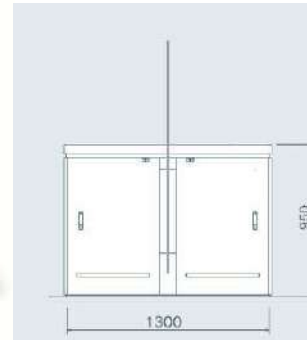
■ Side view



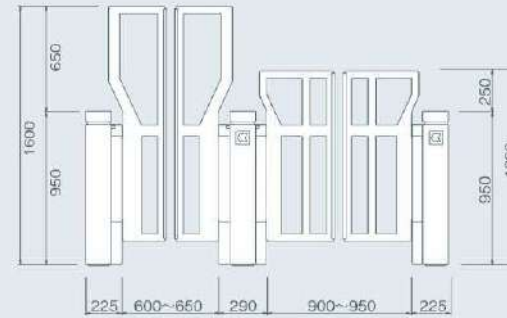
Security Gate LAG



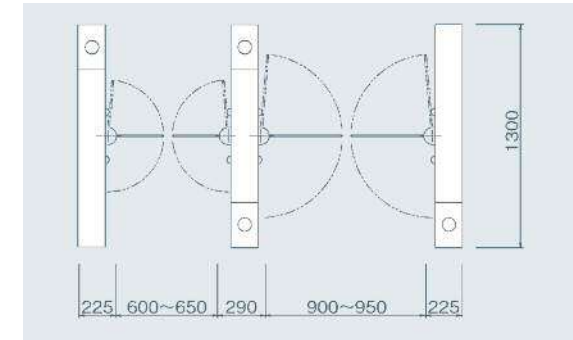
■side view



■front view



■above view

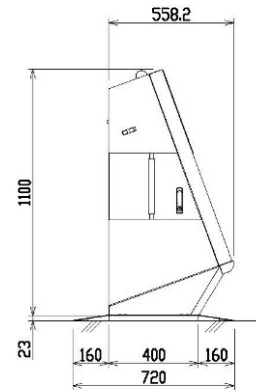


Access control system	Not included
Direction	Both directions
Capacity	25 people/ min. Automatic door mode : Max.50 people
Panel opening/ closing speed	Standard(narrow) aisle : Changeable within the range 1.1 - 2.0 sec. Wide aisle : Changeable within the range 1.8 - 2.9 sec.
Dimensions for gate body	W160 x H950 x D1,300 mm (Center pole size : Side gate W225mm , Center gate W290mm)
Panel height	1,200 mm/ 1,600mm over the floor
Aisle width	Standard(narrow) aisle : 600 mm, Changeable within the range 600 - 650 mm Wide aisle : 900 mm, Changeable within the range 900 - 950 mm
Main exterior materials	Body : Stainless steel, Galvanizing steel plate, AES resin, Polycarbonate, Acrylic acid resin Flap panel : Aluminum alloy Structural members : Alloy coating steel, Stainless steel
Finish	Stainless : Hairline finish
Power supply	AC220V $\pm$ 10% 50/ 60Hz with grounding
Consuming power	Standard type - Not in use : 30.6W/57.7VA In use : 46.6W/91.3VA (Optional parts are not included) Wide type - Not in use : 33.1W/59.2VA In use : 56.3W/116VA (Optional parts are not included)
Power outage	Flap panels can be opened easily with your hands in case of power outage.
Operation environment	0 - 40°C without heater fan unit(option) -10-45°C with heater fan unit(option) Wind pressure resistance : up to 17m/s
Installation	Indoor/ Outdoor (It should be a place with a roof to avoid raining or snowing directly and salt damage.)

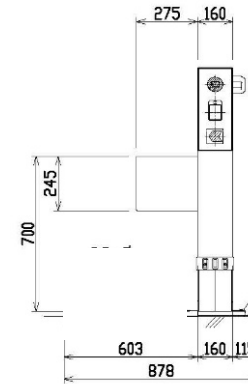
Security Gate MBG



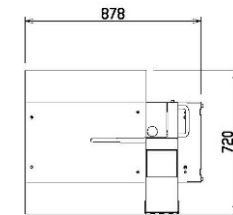
■ side view



■ front view



■ above view



Access control system	Not included
Direction	One direction
Passage capacity	25 people/ min.
Necessary time to open/ close	Changeable within the range 0.35 - 0.85 sec.
Dimensions for gate body	W160 x H1,100 x D560 mm
Height of flap panel	700 mm over the floor
Net weight	40kg (Optional parts are not included)
Aisle width	Approximately 600 mm
Main exterior materials	Body : Stainless steel, Galvanizing steel plate, Polycarbonate, Polypropylene resin
	Flap panel : Urethane
	Structural members : Galvanizing steel plate, Stainless steel, Structural steel
Finish	Stainless : Hairline finish
Power supply	AC90V-110V 50/ 60Hz with grounding * A transformer is needed for overseas market.
Consuming power	Not in use : 8.7W/11.8VA In use : 64.4W/84.4VA (Optional parts are not included)
	Not in use : 153W/153VA In use : 207W/219VA (Optional parts are all included)
Power failure	Flap panels can be opened easily with your hands in case of power failure.
Operation environment	0 - 40°C without cooling/ heater fan unit(option) -10 - 45°C with cooling/heater fan unit(option) Wind pressure resistance : up to 10m/s
Installation	Indoor/ Outdoor (It should be a place with a roof to avoid raining or snowing directly and salt damage.)