

# SECURITY GATE





Door Access Solutions for Commercial, Institutional, Industrial and Residential projects in Hong Kong and Macau.

AUB offers a wide portfolio of Products & Solutions including Automatic Doors, high-performance Windows and Entrance Doors, Security Gates, Industrial Doors, Access Control and Door Hardware & Ironmongery.

Service is our Value - we are supporting our customers with Design Development, Technical Advice & Customized Drawings, Ironmongery Schedules, Master Key Plans, Sourcing, Supply & Installation, Training and Service & Maintenance programs.

Key partners and suppliers include GILGEN Door Systems, EFAFLEX High-Speed Doors, HART Security Shutters, TESA Access Control, TBS Biometric Solutions, SAELZER high-security Doors, AIR-LUX Window Systems and SILBER Doors & Windows and many more.



[www.aub.com.hk](http://www.aub.com.hk)



A high-tech Design & Engineering company driven by its mission for excellent design, outstanding quality, simplicity in operations and long lasting performance. Manufacturer of Security & Automatic Revolving Doors. Gunnebo Entrance Control with Headquarters in UK and Manufacturing in Italy / Europe.



Cambaum provides innovative and reliable high-quality products. Stand for customer service and orientation, highest technical competence as well as a sustainable development.



TBS is a Swiss company offering complete biometric solutions for your security: for government, multinationals, small enterprises, institutional applications or residential buildings and villas.

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# Personal Interlock



The Personal Interlock Series has been designed to grant high security in the control and management of the flow of people.

Their design, quality and features are perfectly matching the customer needs to secure specific entrances of such buildings as airports, data centers, office towers, laboratories and other protected sites.

The Personal Interlock Series is engineered to meet the expectations of security operators and designers, where both security, reliability and elegance are required when controlling the access.

## Specifications



### Single Panel

- ✓ Elegant and reliable
- ✓ Control switch used for the input, output or booth ways
- ✓ Positioned in any location
- ✓ Supplied as finished product or as kit system
- ✓ Easy installation in short time

	CSK	CMK	CLK
Dimensions	1050 x 1050 x 2320mm	1160 x 1160 x 2320mm	1500 x 1500 x 2320mm
Weight	450 to 550kg	500 to 600kg	700 to 800kg
Power supply	230-240v, 50-60Hz, 1A (if required 110v 60 Hz)		
Passages [Per minute in one direction]	3 to 4 users	4 to 5 users	3 to 4 users
Passages [Per minute in both directions]	6 to 7 users	7 to 8 users	6 to 9 users



## Bi-parting

- ✓ Elegant and reliable
- ✓ Control switch used for the input, output or booth ways
- ✓ Positioned in any location
- ✓ Supplied as finished product or as kit system
- ✓ Easy installation in short time

	CSK-2D	CSK-2DL	CMK	CLK
Dimensions	1050 x 1050 x 2320mm	1050 x 1500 x 2320mm	1160 x 1160 x 2320mm	1500 x 1500 x 2320mm
Weight	450 to 550kg	500 to 580kg	500 to 600kg	700 to 800kg
Power supply	230-240v, 50-60Hz, 1A (if required 110v 60 Hz)			
Passages [Per minute in one direction]	5 to 6 users	5 to 6 users	4 to 5 users	3 to 4 users
Passages [Per minute in both directions]	8 to 9 users	8 to 9 users	7 to 8 users	6 to 9 users



## Bi-parting & Integrated Door

- ✓ Elegant and reliable
- ✓ Control switch used for the input, output or booth ways
- ✓ Positioned in any location
- ✓ Supplied as finished product or as kit system
- ✓ Easy installation in short time
- ✓ Safe Space

	HCLK-2D	HCLK-2DL	HCLKH-2D
Dimensions			
Weight	600 to 700kg	600 to 700kg	690 to 760kg
Power supply	230-240v, 50-60Hz, 1A (if required 110v 60 Hz)		
Passages [Per minute in one direction]	4 to 6 users	4 to 6 users	4 to 6 users
Passages [Per minute in both directions]	7 to 9 users	7 to 9 users	7 to 9 users



## Metal detector

- ✓ Elegant and reliable
- ✓ Interlocked motorized door and weather resistance
- ✓ In square version at a lower cost compared to the circular version
- ✓ Easy to be placed in any location
- ✓ Supplied as finished product or as kit system
- ✓ Easy installation in short time
- ✓ Metal detector

	QSK	QMK	QLK	QLK-2D
Dimensions	1050 x 1050 x 2320mm	1150 x 1150 x 2320mm	1500 x 1500 x 2320mm	1500 x 1500 x 2320mm
Weight	450 to 550kg	500 to 580kg	700 to 800kg	700 to 800kg
Power supply	230-240v, 50-60Hz, 1A (if required 110v 60 Hz)			
Passages [Per minute in one direction]	3 to 4 users	3 to 4 users	3 to 4 users	5 to 7 users
Passages [Per minute in both directions]	6 to 7 users	6 to 7 users	6 to 7 users	9 to 10 users



## Twins

- ✓ For implementations which need physical access control with two interlock doors
- ✓ High throughput rate
- ✓ Elegant and reliable
- ✓ Easy to be placed in any location
- ✓ Only provided as kit to be assembled

	CTK	QTK
Dimensions	1050 x 1800 x 2320mm	
Weight	800 to 900kg	
Power supply	230-240v, 50-60Hz, 1A (if required 110v 60 Hz)	
Passages [Per minute in one direction]	5 to 7 users	
Passages [Per minute in both directions]	9 to 10 users	

### Optional Equipment:

- ✓ Metal Detector
- ✓ Stainless Steel Finish
- ✓ Interface for access control
- ✓ Transit control of single person
- ✓ Mechanical Lock for night closure
- ✓ Interphone
- ✓ Sensors for automatic opening of wings
- ✓ Emergency push-button

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof. The products provide good thermal insulation whilst maintaining great visibility thanks to the wide glass panels.



# Security Revolving



The Security Revolving Door Series has been designed to grant high security in the control and management of the people flow.

Their design, quality and features are perfectly matching the customer needs to secure specific entrances of such buildings as airports, data centers, office towers, laboratories and other protected sites.

The Security Revolving Door Series is engineered to meet the expectations of security operators and designers, where both security, reliability and elegance are required when controlling the access.

## Key Features:

- ✓ Suitable to check access in sites with high traffic flow
- ✓ Fitted with 3 wings placed at 120 creating 3 rotating sectors
- ✓ Up to 21 people per minute in one way - 42 people in both ways per unit

- ✓ Maximum transparency and minimum canopy height of 200mm
- ✓ Supplied as kit system
- ✓ Ready to be used, placed directly on the floor of the installation site

## Specifications



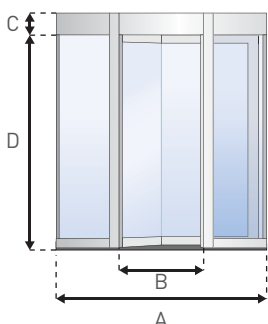
3 wings



4 wings

## SRD Series

Side walls	Glass
Manual	Manual standard
Automatic	Optional
Disabled Function	Standard
Emergency Escape Function	Optional
Night Shutters	Optional



	1380-3W	1500-3W	1600-3W	1600-4W	1800-3W	1800-4W	2000-3W	2000-4W	2300-3W	2300-4W
Ø	1380	1500	1600	1600	1800	1800	2000	2000	2180	2180
A	1500	1620	1720	1720	1920	1920	2120	2120	2300	2300
B	630	670	750	750	800	1100	900	1250	1000	1300
C	200	200	200	200	200	200	200	200	200	200
D	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100



# Full Height Turnstile



Thanks to its refined design, robust structure and motorized mechanism, the full-height turnstile offers an elegant and rugged obstacle able to withstand break-in and tampering attempts.

The full-height turnstile is a safe and secure barrier. It is equipped with a strong and reliable mechanism consisting of a brushless motorized unit and latest generation electronics able to communicate with wireless or wired control units. It can also be equipped with buffer batteries for continues operation in case of lack of power.

## Application areas

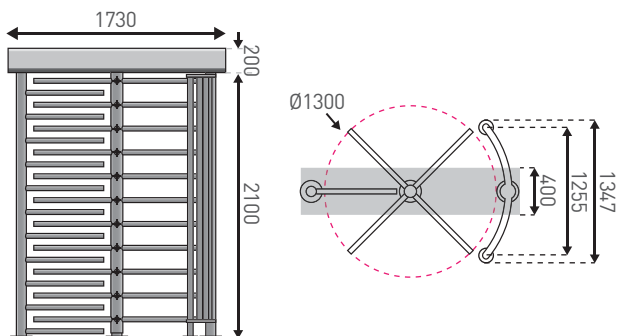
- Production sites
- Companies
- Construction sites
- Military bases
- Hospitals
- Swimming pools
- Fitness areas
- Sports complexes
- Parking facilities

- Curved structure on side of passageway
- LED lights to illuminate passageway
- Sensor to turn on LED lights
- Wi Fi module
- Manual unlocking key for blocking pistons
- Canopy simple design
- Canopy with rain collection and drainage system
- Remote control unit desktop
- Tablet/PC/Smart phone functionality
- Back up battery pack

Power supply	Single-phase 100-240 V AC @ 50/60 Hz
Control logic	24V Dc
Power rating	53 W
Rotation speed	Max 6 RPM/m
Operating temperature	-10 °C +50 °C @ 20-90% RH (non condensing)
Weight	220 -295 kg based on configuration
Ingress Protection rating	Up to IP54
Reference norms	CE Machinery Directive EN16005

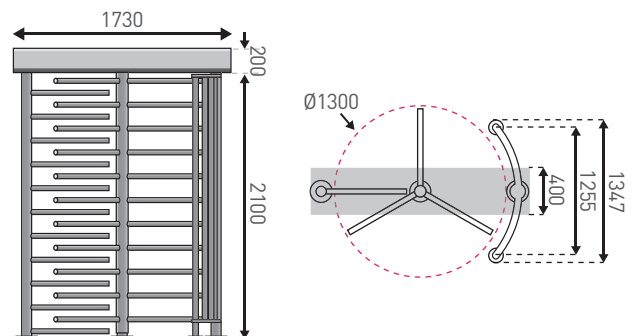
## Specifications

### FHC01 90



Mechanism  
24V brushless gear motor unit

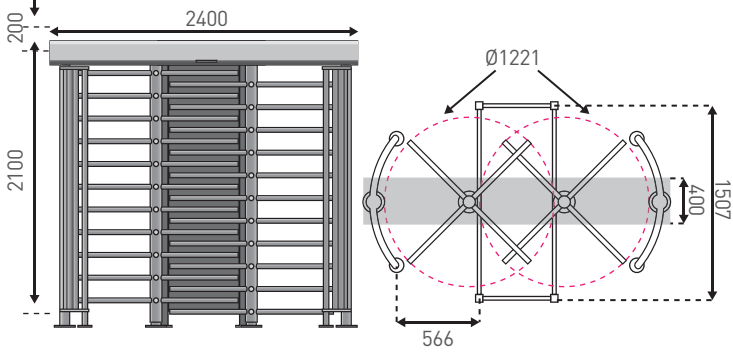
### FHC01 120



Mechanism  
24V brushless gear motor unit

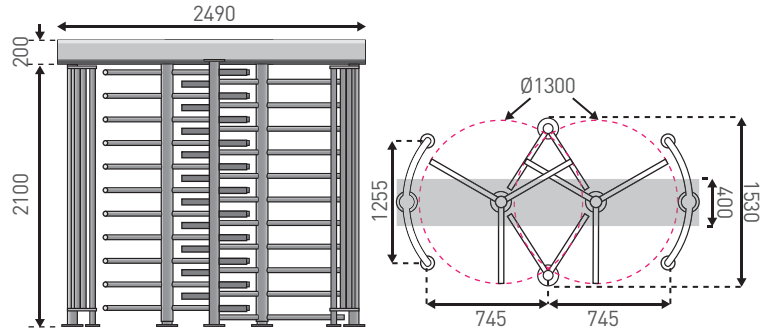


### FHC01 90-D



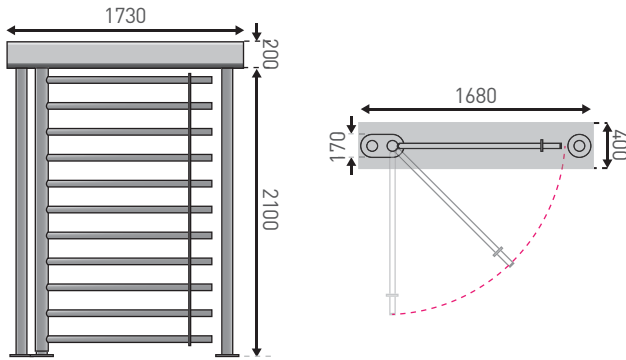
Mechanism  
24V brushless gear motor unit

### FHC01 120-D



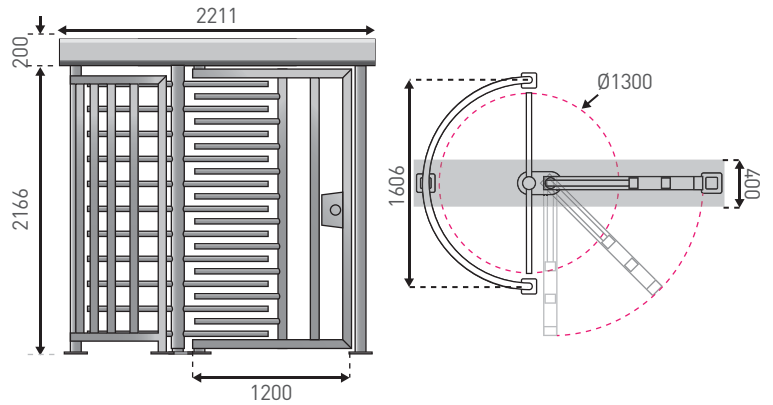
Mechanism  
24V brushless gear motor unit

### FHMD01



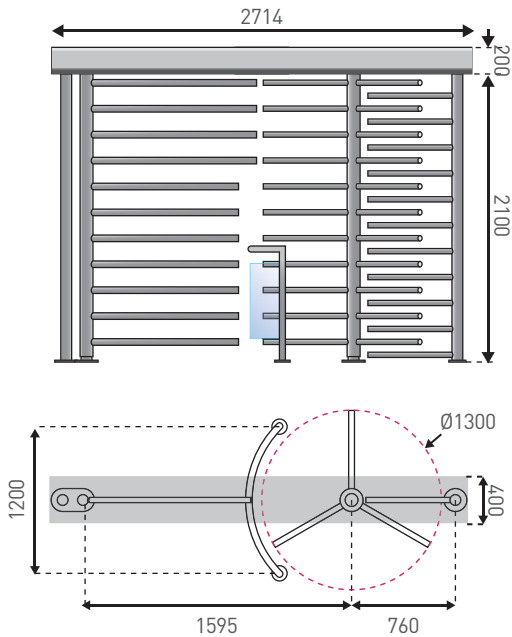
Mechanism  
24V brushless gear motor unit

### FHC01 180-ED



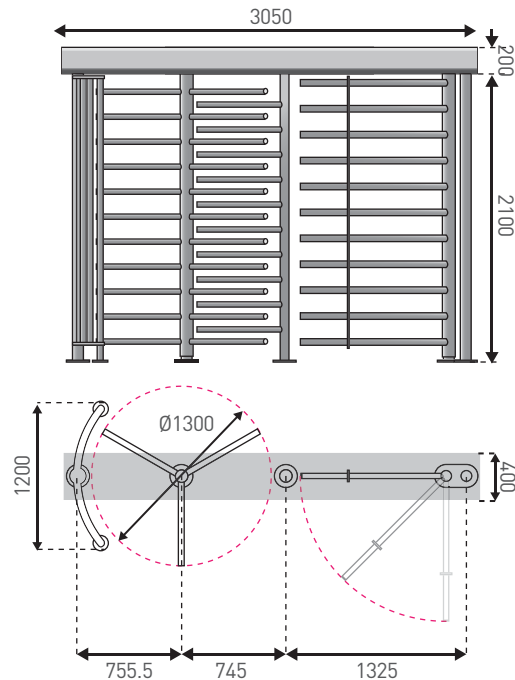
Mechanism  
24V brushless gear motor unit

### FHC01 120-BP



Mechanism  
2 x 24V brushless gear motor unit one for turnstile and one for service door

### FHC01 120 S-SD



Mechanism  
24V brushless gear motor unit one for turnstile and one for service door





# Sensor Barrier

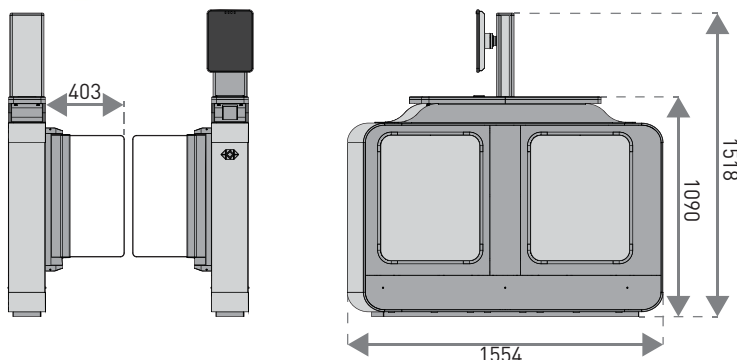
The Series of Sensor Barrier are designed to meet the grand vision of the owners and their designers when creating the personality of the main entrance, podium levels and their lift lobby of a new office tower. The ability to customize the appearance thru specialized finishes as well as functionalities with distinct features is our strength. The Sensor Barrier can interface with any Access Control systems and People Flow management software and their respective readers and indicators. Our capabilities make the Sensor Barrier Series ideally suitable for any new project as well as renovations and upgrades of existing buildings. The development concept and core engineering platforms are designed to provide the flexibility to customize new ideas of our customers and partners.

## Specifications



### HSB-CB21 CAMBAUM

- Stainless steel housing offers the best available robust surface
- Highly reliable and extremely quiet drive and locking units
- A new developed sensor system with up to 256 individually analysable sensors
- All types of readers like Passport-, Barcode-, RFID- and others are fully integrable
- An advanced user guiding interface with intuitive LED visualisation
- Basic unit and expansion unit modular system for easy upgrade



**Housing:**  
Housing Frame with covers made of stainless steel, handrail made of brushed metal with inlaid glass plate.

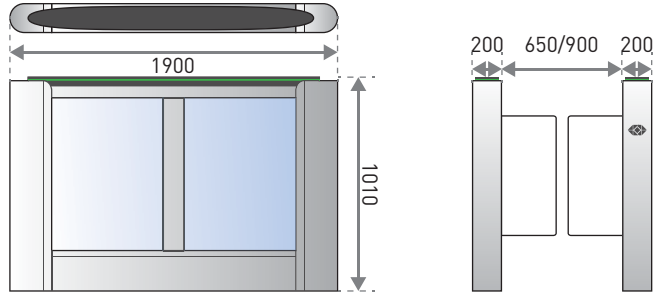
**Blocking elements:**  
Two wings made of transparent polycarbonate.

**Guide elements:**  
All-round LED lighting on the handrail.

**Sensor technology:**  
Combination of horizontal strips below and above the door leaf together with vertical strips above the door leaf. Sensor technology with individual passage monitoring, opposite direction detection and isolation monitoring up to 256 individually evaluated beams. The drive and locking units are built into the swiveltube. The electronic control and powersupply is fully integrated in the gate.

## HSB-CB09 CAMBAUM

The kit driving is highly integrated with the control unit. It uses multiple sets of high and low sensors to monitor the entrance and exit, to reject unauthorized access and to provide high quality access control. Through careful design, the whole set of equipment has a good transparency, the traffic conditions are completely within the line of sight of the management personnel, and the coordination with the surrounding environment is strong.



## SFS-M02

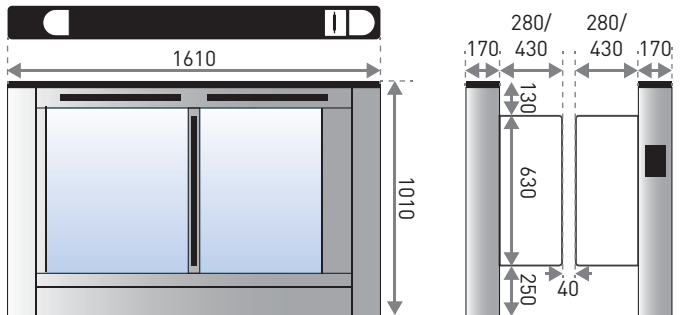
This newly developed Sensor Barrier has a highly reliable modular Swing Flap System with EN 16005 approval. The system is equipped with half-height swing flaps managed via a sensor-controlled passage way. After an authorized person passes through, the flaps close automatically again to prevent unauthorized entry. The sensor barrier is fixed on the finished floor level. The guiding element is housing with semi-circular base columns made of stainless steel in satin finish AISI 304L.



### Top Cover Material

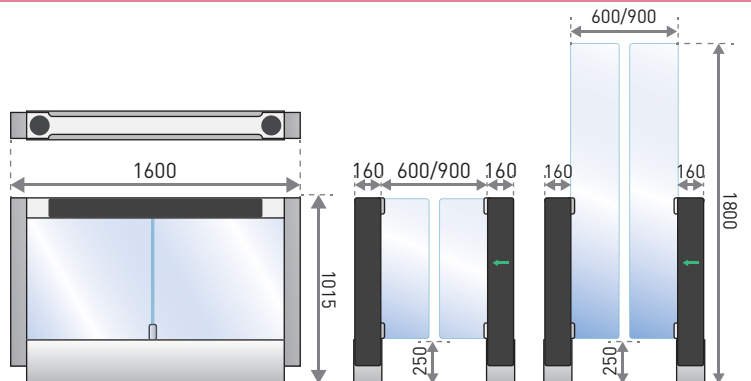


Stainless steel, Aluminium, PVC, Wood



## ALDEBARAN

The ALDEBARAN sensor barrier with EN16005 approved. The structure elements, housing and semi-circle base columns are made of stainless steel satin finish AISI 304L. The door wings are made of transparent PMM (methacrylate) in 10mm thick. The standard height of wings are in 900mm measuring from the finish floor level and can be upgraded to 1800mm upon request. The finishes can be painted steel in powder coating with standard RAL color, stainless steel AISI 304 brushed or AISI 316 brushed.





# Tripod Turnstile



Engineered to provide a long passageway for fuller control, its long cabinet discourages attempts to override it and forces users to walk through it in a disciplined manner.

## Application areas

- Public transportations
- Swimming pools
- Military compounds
- Museums
- Fitness centers
- Leisure
- Sport complexes
- Corporates
- Hospitals

## Optional Equipment:

- ✓ LED way mode
- ✓ Badge readers, RFID readers or coin acceptors holders
- ✓ Warming kit
- ✓ LCD counter
- ✓ Easy WI-FI linking to PC, tablets or smart-phones

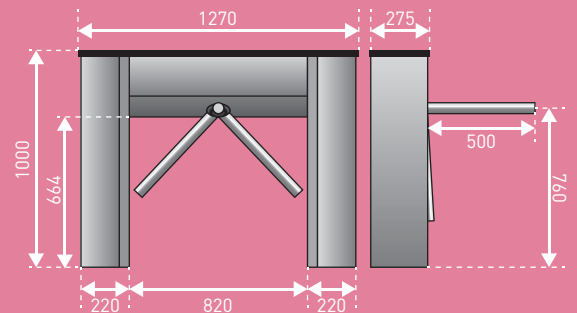
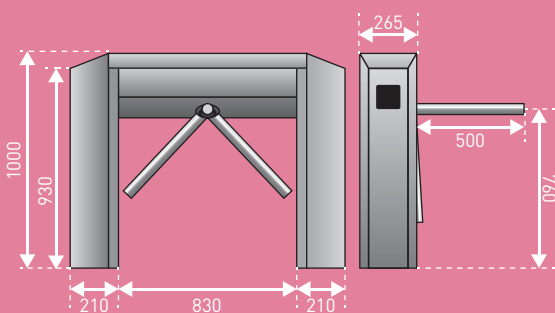
## Specifications

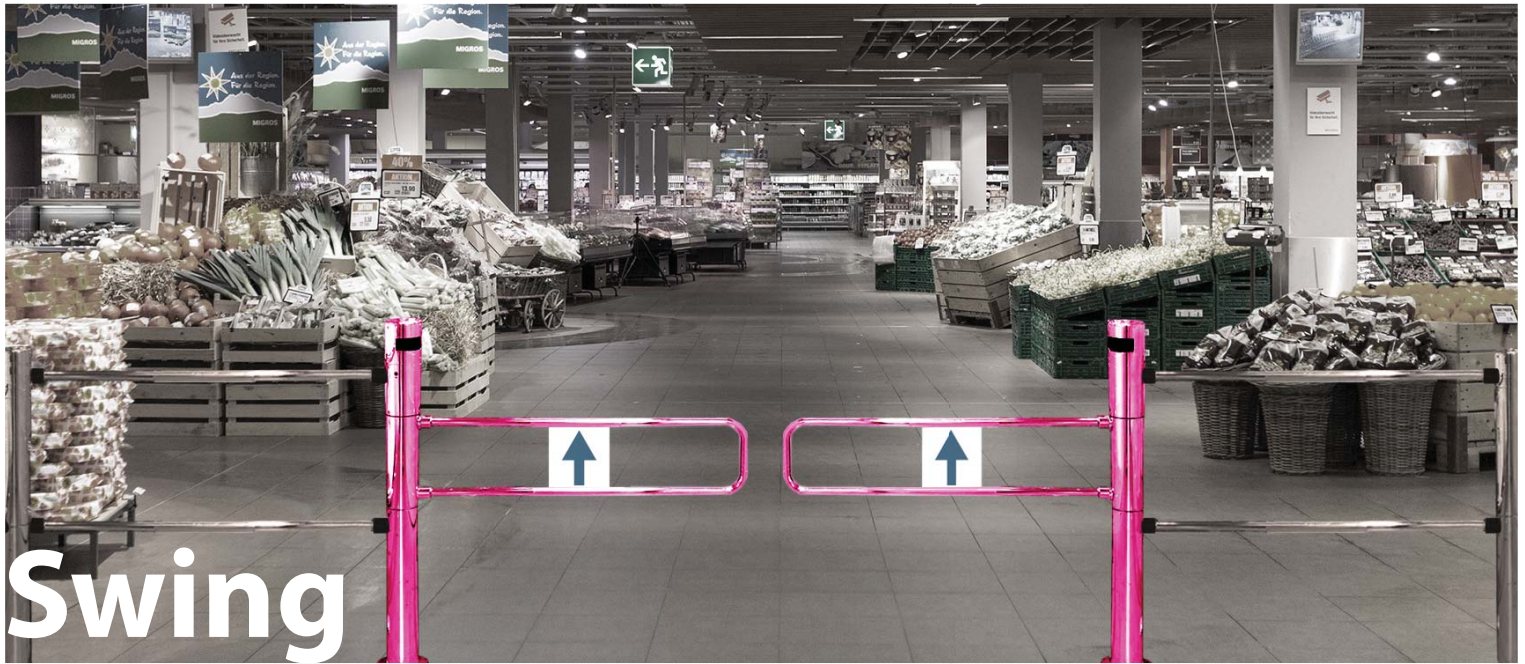
### ECoStile TR HC02



Rotation Motorized  
 Power supply 110/ 230V mono phase 50/60 Hz  
 Electronic board & motor 24V DC  
 Motor Brushless - 2 MIO MCBF  
 Max electric consumption 30 W  
 Operating temperature -10 °C to 50 °C - max rel. wet 90%  
 Throughput (empty lane) about 1s +/- 3%  
 Max troughput Depends on speed of users and access control systems - varies between 20 and 40 people/min.  
 Weight 50 kg  
 IP protection IP 31

### ECoStile TT





# Swing Barrier



The Swing Barrier was engineered to combine smooth operation and improved aesthetics with security in applications where reliability and design are important. It reduces the barrier effect and creates a welcome environment. Users can immediately see how and where they should access the gate.

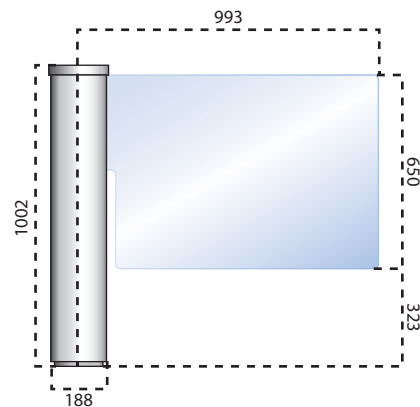
Elegant robust and reliable, the gate is completely silent. It provides easy passage and high throughput. It is suitable for all types of installation.

## Application areas

- Public transportation
- Museums
- Sport Complex
- Swimming pools
- Factories
- Military compounds
- Fitness centers
- Airports
- Hospitals

## Specifications

### ECoStile S



Power	110/ 230V single fase 50/60 Hz
Control logic & motor	24V DC
Magnetic break	100% duty cycle
Max electric consumption	30W
Operating temperature	-10 °C +50 °C
Troughput	Depends on speed of user and access control system - varies between 20 and 40 people / min
Weight	45kg
IP rating	IP 43
Norms	CE compliant



# Biometric Access Control



Biometrics are unique physical characteristics, such as fingerprints and irises, that provide definitive proof of true identity. Unlike codes or tokens, biometric templates cannot be copied, shared or lost. This is the beauty of biometric identification.

## 3D FLY



### 3D Touchless Hand Scanner

World fastest and most accurate "on-the-fly" identification for speed-lanes. High security and throughput delivering the best user experience.

## 3D LIGHT



### Iris Recognition

Hands-free biometric terminal with iris identification coupled with face detection for a faster and smoother user experience. To match today's health challenges, face mask can be checked before granting access.

## 3D AIR



### Touchless Finger Scanner

3D AIR is a unique touchless biometric terminal and was the world's first to introduce 3D finger-scanning. Touchless fingerprint yielding the highest security level!

## 2D IRON



### Multispectral Finger Scanner

A multi-functional and user-friendly touch terminal offering superior identification performance with best-in-class touch fingerprint sensor.

## 2D SENSE



### Touch Finger Scanner

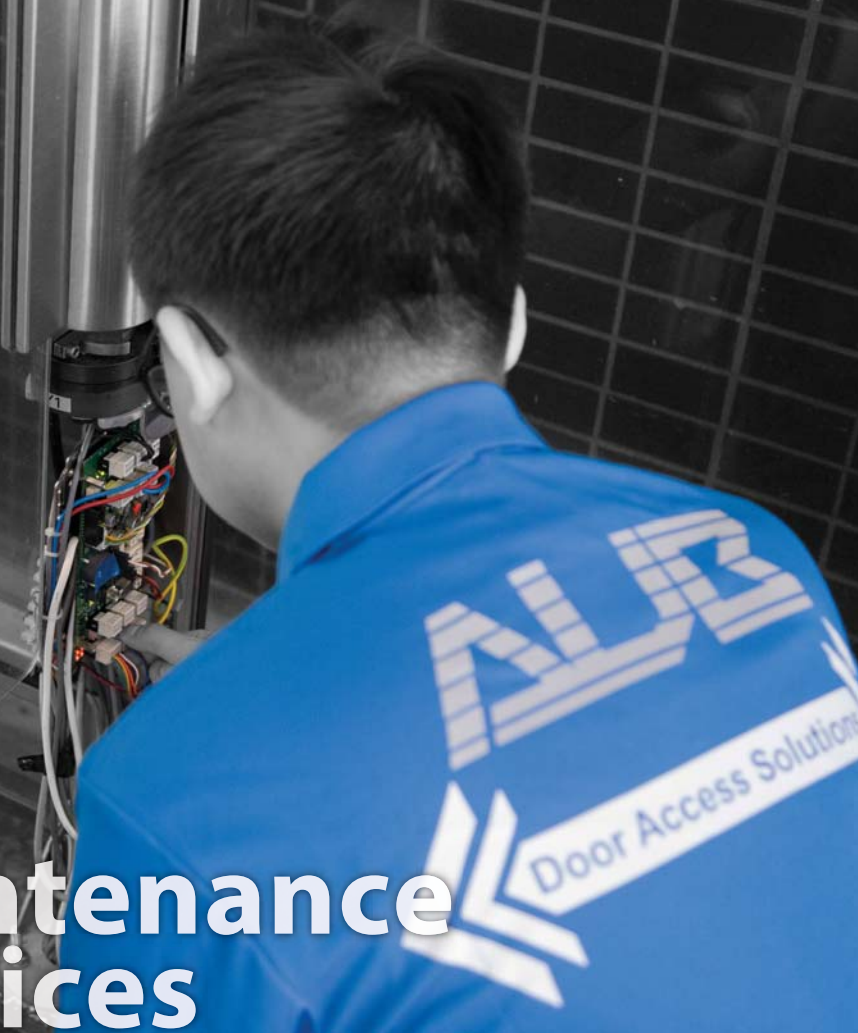
A multi-functional and user-friendly touch terminal with an excellent 2D-sensor that simply works.

## 2D Move



### Touch Finger Scanner

This touch-based biometric tablet features real-time data synchronization with server over WiFi or 4G using your own SIM card.



# 360° Maintenance Services

We understand the importance of maintaining safe and secure access in and around your premises. We service and repair Automatic door, Sliding window, Security gate, Roller shutter and other categories to ensure your building is secure and your people are safe.

## 100% Caring Of Your Investment

By choosing AUB Service, you are supported by our technician team of local, accredited and fully trained & equipped engineers. All enquiries are routed through our professional hotline providing you with a single point of contact and fast response times. We shall assign a technician who takes ownership in handling a particular customer. Our technician has the knowledge and is familiar with the location/ premises, perfect understanding of customer expectations, rules and behaviors and shall provide the best solution to our customer.

## Preventive Maintenance

It helps prevent accidents, reduces breakdowns and prolongs the life of the door operator. There are also legal implications regarding the servicing of specific door types, to ensure the safety of users at all times. Whether you are a small independent or large corporation, we can provide a tailored solution around your individual requirements.

## Expert Assistance

Our service team is being trained by our long-term suppliers and partners. We find the root cause and fix it in a proper way to ensure our client experience the best performance of the system. Based on our experience, 85% of malfunction cases were being fixed without replacing a spare part.

## Original Manufacturer Spare Parts

Original spare parts come with warranty. All our spare parts are sourced from the original manufacturer. We never sell any spare parts from unknown source as this might induce negative effect to the entire system.

## Free Site Inspection

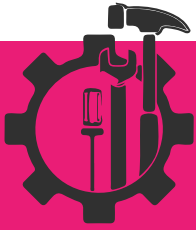
For the customer with a service contract, we shall provide free site inspection for any malfunctioning system even of other brands.

## E-Call Service

4hrs Quick Response \*Only apply on Platinum Service Plan. For the Premium customer, our quick response on-site service shall protect your premises from suffering for waiting, breakdown or malfunctioning system.

## Tailor Made Packages

Do you have any other requirements?  
Please let us know so we can create a package specially for you.



# Maintenance Packages

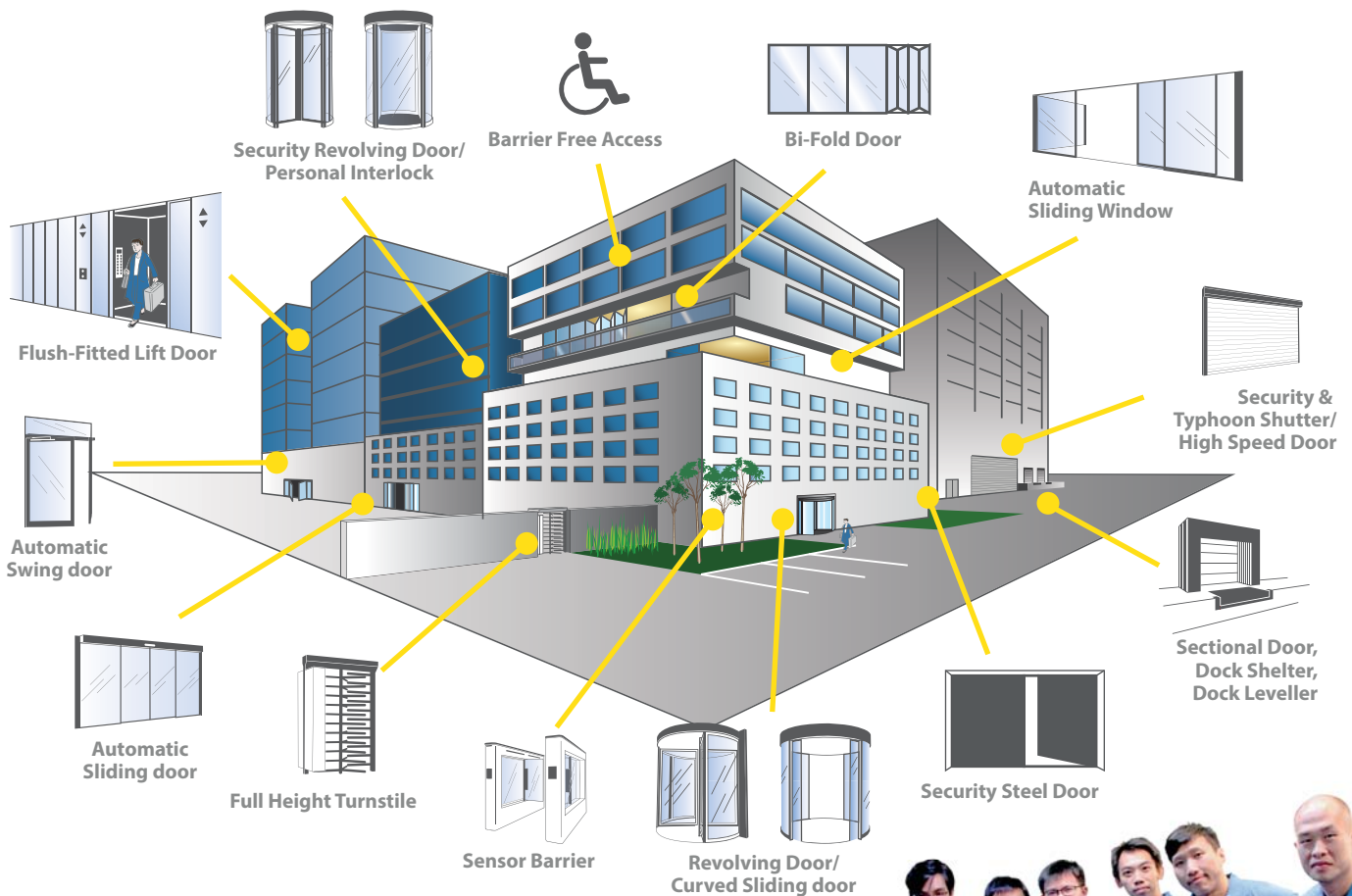
Regular, preventive maintenance of your system is a basic requirement when it comes to long years of reliable operations.

	Basic	Gold	Platinum
Service Hotline	✓	✓	✓
Site inspection	✓	✓	✓
Maintenance record	✓	✓	✓
Inspection Report & Technical advice		✓	✓
Preventive maintenance	Annual / Every 6 months	Every 3 months	Every month
Corrective maintenance	Office hour*	Office hour*	office hour and *Non-office hour
Call-out service	48hrs	24hrs	4hrs
Service report			✓
Special discount		✓	✓

\*Terms & Conditions apply

\*AUB Limited reserves the right of final decision

## Maintenance - a Wide Range of Products and Applications



**GIVE US A CALL!! 6688-2511**

**TAKE ADVANTAGE OF OUR  
LONG YEARS OF EXPERIENCE**





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