

VertiGlide

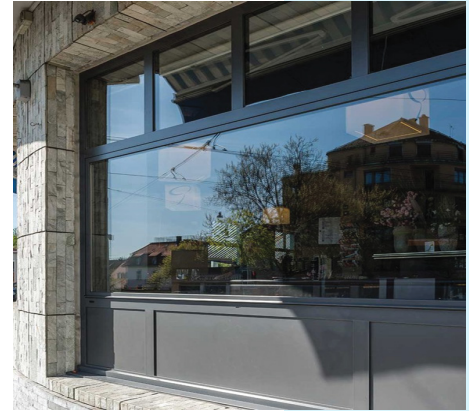
Discover Vertical Lifting, Sliding,
Doors&Windows



Product Overview

Vertical lifting sliding doors & window

Discover Entrar Access's vertical lifting, sliding, and folding doors and windows, meticulously designed to enhance your space with seamless functionality and enduring style. Crafted with meticulous attention to detail, our products offer unparalleled durability and aesthetic appeal.



Our commitment to quality is unwavering. All Entrar Access products undergo rigorous quality controls, with electrical components CE rated to meet European and International standards, ensuring reliability and performance. With ISO 9001, ISO 14001, and ISO 45001 certifications, our dedication to excellence is further validated. We promise to make you feel welcome and secure, guiding you through every step of the decision-making process to add true value to your business. Experience the Entrar Access difference—a journey tailored to finding the perfect solution for your entry requirements.

Product Introduction



Vertical Lifting Sliding Window

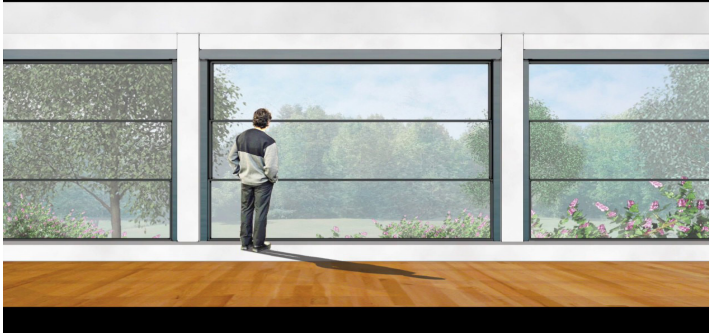
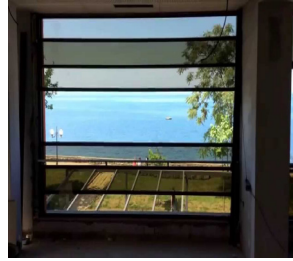
Our sliding windows offer exceptional performance, providing superior sound and heat insulation. Enjoy fresh air when desired, with the flexibility to seal them securely during inclement weather or at night.

For upscale commercial venues like high-end restaurants, our doors offer full opening capabilities for optimal ventilation, while their smaller openings provide precise micro-ventilation options, satisfying the modern demand for fresh air and a closer connection to nature.



The Sunshine House can be lifted freely to meet the individual design needs of designers or owners. Wide open for better ventilation, small openings for micro-ventilation

Types of Vertical lifting sliding door & window





Components Showcase- Vertical lifting sliding door & window



Infrared anti-squeeze



Typhoon resistance 12 level



Intelligent housing system



Ultra-high water tightness



Sound / Thermal insulation



Wind/ light/ rain sensor



Intelligent remote control



Anti-mosquito/ Pest

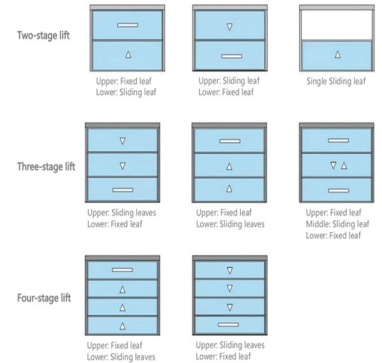
Components Showcase- Vertical lifting sliding door & window



Product Specification- Vertical lifting sliding door & window

Technical Data:

1. Rated torque: 350N
2. No-load speed: 6 rpm
3. Rated voltage: 220V, 50Hz
4. No-load power: 670W
5. No-load current: 3.15A
6. Continuous running time: 4 min
7. Protection level: IP44





Horizontal Glide Windows & Doors

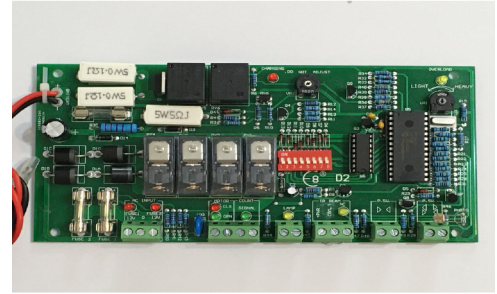
Technical parameters

Applied voltage	220V, 50Hz
Current	5A
Rated power	100W (Double drive 200W)
Actual power consumption	90W(Double drive 180W)
Maximum driving force	540KG (Double drive 1020KG)
Ambient temperature	-15oc~+75oc
Door opening and closing speed	0.3~0.6m/s
Keep open time	0~10s
Relative Humidity	65% max
Operating noise	≤55db

Features

The main control unit

The main control unit adopts PHILIPS, the most advanced microcomputer control chip in the field of automatic doors, to ensure that the automatic sliding door can enter the human-machine dialogue, safety detection, fault display dexterously and reliably, process information more accurately and quickly, and fully demonstrate the intelligent The charm of automatic sliding doors.



Drive unit

The main drive of the sliding door adopts a PWM modular drive circuit and a DC motor, which has excellent operation and control characteristics, and can realize the stepless speed regulation of the automatic door. Low noise (noise less than 40DB), stable operation, maintenance-free, insulation class: F class.



Infrared presence safety sensor (Optional part)

In order to prevent people from being squeezed when the automatic door closing, the BS series sliding door can be equipped with an infrared presence sensor. When someone enters the running track of the automatic door, the infrared light of the infrared sensor is blocked, and the automatic door remains in the open position to ensure the safety of pedestrian. Door zones with a maximum opening of 5 meters can be monitored.

Controller key

The SDC controller is a dedicated remote controller for two-wire data communication (a replacement for the handheld terminal) that directly interfaces with the main control unit bus. It is small and exquisite, quick to install, and easy to use. It can be achieved within a range of 50 meters:

- Function switch

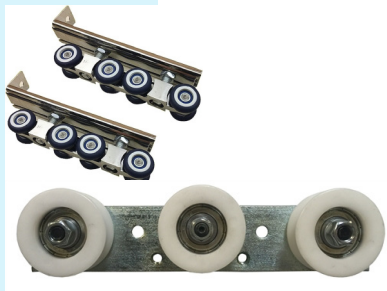
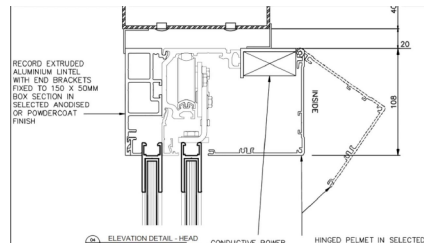
- Setting of operating parameters

- Feature status selection

- Fault self-diagnosis display

Tracking rail

The automatic door tracking guide rail is made of formed aluminum material, and its technical requirements meet the VDE700T.238 standard. The supporting beam and the nylon silent track rail are separable to ensure that the track is easily replaced after wear and tear in the future. Strict material standards ensure the strength and stability of the automatic telescopic sliding door structure, so that it can operate reliably for a long time.



Anti-dropping high-speed and high-strength hanger

The BS series hanger adopts 5MM reinforced iron plate, the nylon rod with the highest hardness and toughest on the market for the roller, and the bearing is also highly V2 shock-proof garbage, so the running sound is small and with long using time

Open method

Foot sensor

Using non-contact infrared foot sensor switch, the general installation height is 10CM, stainless steel shell, reliable, durable and hygienic.

Detective sensor

Use infrared sensors or microwave sensors. Effective monitoring area: maximum 3m×1.5m, minimum 1m×0.3m.

Password lock

The advanced password identification system is adopted to improve the security of the door.

Card opening

It can be opened by IC card, radio frequency card and radio frequency password card.

Push button opening

Use elbow touch, foot touch and remote button to open. Switching between each opening mode can be realized

Function description

Self-check function

When the automatic door is powered on, the automatic door first establishes a self-learning process. After completing a self-learning process, the automatic door can obtain the following original data: door leaf weight, opening width, and calculate from these original data: The best opening speed, closing speed, acceleration time, deceleration time, slow distance, etc., make the automatic door run in the best state.

The automatic door automatically detects whether each peripheral device of the main control unit has entered the normal working state during the process of establishing self-learning

Automatic and random diagnosis of faults

The BS series automatic door has an embedded fault display system. During the operation of the automatic door, the running status of the automatic door is always monitored. When any working part of the automatic door (mainly electrical components) is abnormal, the automatic door can automatically open the door. Distinguish it, take action automatically- stop operation or alarm, and display relevant fault information through control panel.

Control panel function

Control function (working mode)

Manual- when the moving door wing is stationary, it can be pushed manually;

Keep open- the moving door wings open and remain in the open position;

Automatic- the moving door wings are not locked, and the door is automatically opened/closed by the sensor or switch signal;

Automatic half-open- the moving door wing operates automatically, but the passage opening is reduced to half;

One-way passage- One-way moving door wings are locked and only used as exit passages;

Night Lock- the moving door wings are locked and only authorized personnel can open the door.

Adjustment of operating parameters

Reset- return to the initial value;

Opening speed- the adjustment range is 0.4~0.7m/s;

Closing speed- the adjustment range is 0.3~0.6m/s;

Channel opening width- adjustment range 25~99%;

Keep open time- the adjustment range is 0~10s.

Program setting functions (31 setting functions in total), including:

When the external power supply fails, the moving door wing: continue to run / open / close selection;

Control series panel locked with password: yes/no choice;

Double door interlock control: yes/no choice;

Motor direction: forward/reverse selection; etc.

Fault display function

The BS series automatic door has an embedded fault display system. During the operation of the automatic door, the running status of the automatic door is always monitored and displayed through the control panel indicator lights. There are 17 kinds of fault displays, including:

Drive unit failure;

Main controller failure;

Sensor failure;

Control lock unit failure; etc.

Anti-interference

Effective measures are taken to eliminate interference in all units of the control system, such as the use of filters, interference suppression circuits and shielding; EMC meets 89/336/EEC regulations.

Personal safety

According to the weight of the door wing, adjust the opening/closing speed of the automatic door to eliminate any impact on the passers-by.

Automatic anti-pinch function

During the closing process of the door wing, as long as there is an obstacle (person or object), the door wing will stop moving and reverse. The standard is set to repeat four times. If there is still an obstacle, the door will reverse after the fifth time and move to the fully open position while the control panel displays the fault code.

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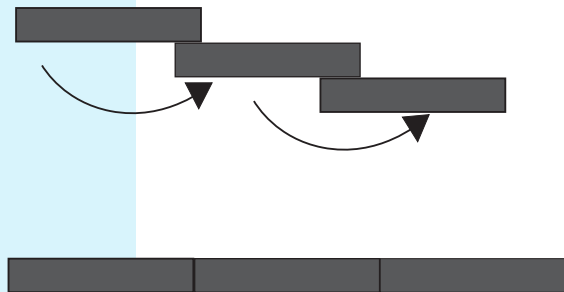
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Invisible Window System



Completely closed window system



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UK & Europe



Head Office
Entrar Access Technologies UK LTD
124 City Road, EC1V 2NX
London, United Kingdom
Call: +44(0)207 566 3939
Company registration in England and Wales: 06294297

Middle East & Africa



Entrar Access Technologies
GBC 2
Opposite to Old Airport Arrival Terminal
C Ring Rd, Doha, Qatar
Call: +97444023014

Entrar Line Trading L.L.C
Smartplace Business Center
Level 2, The Iridium Building
Al Barsha, Dubai - UAE
+971 5080 94464

India & Far East



Entrar Access Technologies India PVT LTD
No A-83, First Floor, Road No 2, Mahipalpur Extn,
New Delhi, Delhi
Call: +918310330566

