



Become a Leading Intelligent Entrance Solutions Provider of the World

BECOME A LEADING INTELLIGENT ENTRANCE SOLUTIONS PROVIDER OF THE WORLD

INDUSTRIAL SECTIONAL DOOR

WWW.FASTLINKUS.NET



Shanghai Fastlink Door Co.,Ltd.

Tel: +86 021 64601300

After-sales Hotline: +86 400 880 6460

Email: sales@fastlinkchina.com

Official Website: www.fastlinkus.net



国家高新技术企业



上海
SRI
SCRF



ABOUT FASTLINK

Shanghai Fastlink Door Co., Limited, a national high-tech enterprise titled "Shanghai Famous Brand", is an access intelligence solution provider and manufacturer of industrial doors and handling equipment. We independently develop and manufacture products including Insulated sectional doors, single panel sectional doors, PVC high speed doors, cold storage high speed doors, dock levelers, dock shelters and have a number of technology patents and European CE certification.

Since its establishment in 2004, Fastlink has already become a strong brand in the industry and won trust and recognition of customers in many industries and fields with excellent product quality and perfect service support. It maintains good partnership with well-known enterprises such as GLP, Vanke, ESR, Goodman, Mapletree, Yuepei, Ping An Properties, Sinotrans, Shenzhen International, JD.com, Cainiao, Hema, Meituan, GFS, Mercedes-Benz, BMW, Geely, Bayer, BASF, Intco Medical, CATL, Huayou Cobalt.

In 2010, Fastlink built a modern factory of 30,000 square meters in Jiading, Shanghai, and introduced German technology and production lines, which laid a solid foundation for the company to become a leading industrial equipment manufacturer in China.

At present, Fastlink has established a sales network and after-sales service system in more than 20 cities nationwide. Meanwhile, we have fully introduced ERP and CRM systems, and realized the "information system + cloud platform" by the technology of the Internet of Things, so as to comprehensively improve order fulfillment and service quality.

With the international management mechanism, the design and development teams with "innovation as the first competitiveness", and the service network integrating marketing, installation and after-sales service, Fastlink is steadily growing into a leading intelligent entrance solutions provider of the world.

CONTENTS

01	Advantages of Fastlink Industrial Sectional Door	P1
02	SSD-IAS Insulated Sectional Door	P3
03	SSD-CAV Cold Storage Insulated Sectional Door	P7
04	SSP-SAS Single Panel Sectional Door	P11
05	Safety-related Design and Parts	P13
06	Diversified Lifting Methods	P14
07	Electromotor	P15
08	IOT Electric Control System	P16
09	Fastlink's Advantages	P17



FASTLINK INDUSTRIAL SECTIONAL DOOR

**EXCELLENT PERFORMANCE
SAFETY & RELIABILITY · DURABILITY**

OUR MOTTO

Only with the management concept of international standards can we obtain wider development space. Fastlink products and services can even satisfy the most demanding customers.



Product Development



The new product development, product update and detail improvement in Shanghai Fastlink have been consistently maintained. We have a better understanding of customer needs. Through continuous iteration of our R&D team, Fastlink products remain state of the art in the market.

Intelligent Production



Automated production guarantees timely delivery of orders and product quality. By constructing an information system, Fastlink realizes the connection between the ERP system and the production line to ensure product quality and production efficiency.

Quality Management



In order to create best of class products, Fastlink has achieved perfect control over every link, and strictly followed the ISO9001:2008 standard of quality management system throughout research, development, production, delivery and installation.

Reliable Service



The professional after-sales service team provides customers with reliable patrol, maintenance and repair services. With the Internet of Things technology and the construction of the information system, passive service is turned into active service, greatly improving the efficiency of after-sales service.

Professional Consultation



Provide customers with a full range of pre-, during and after- sales services, including comprehensive consultations from the preliminary project design and technical clarification to the installation and acceptance.

10 YEARS

10-year Supply Guarantee for Original Accessories

All important parts, such as the door panel, track, torsion spring and electric control system, are designed and manufactured by Fastlink without outsourcing to ensure long-term service to customers.

Diversified Lifting Methods

Coordinating with Buildings Offering Better Choices for Industrial Plants and Logistics Warehouses.



SSD-IAS **INSULATED SECTIONAL DOOR**
EXCELLENT INSULATION EFFECT

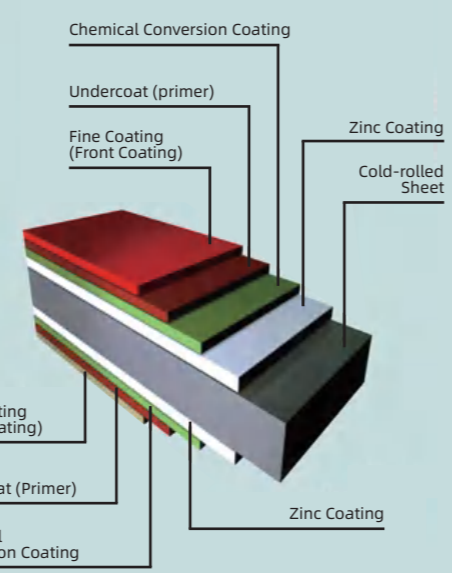
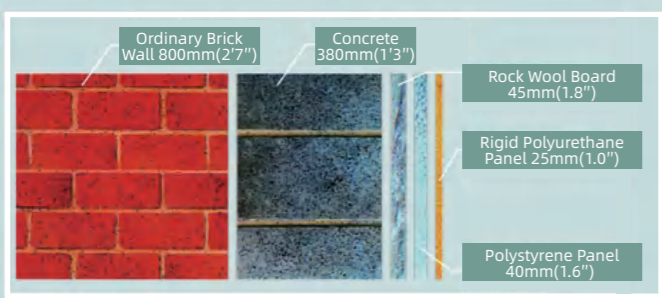
Effective Insulation

Double-layer aluminum or steel polyurethane insulated door panels can reduce heat loss. For buildings that need insulation, they can realize heat preservation and energy saving. The 42mm(1.7") thick door panel is filled with polyurethane foam materials (100% freon-free). The door panel is produced in a continuous production line backed by German technologies, and the high-pressure foaming process ensures that the polyurethane is filled evenly and satisfactorily.

High Strength Of Door Panel

The inner and outer metal panels are overlapped when the door panels are molded, which effectively prevents the door panels from being cracked, and the thickness of the four-layer hinge ensures the fixing strength of the hinge screws.

Excellent Insulation Effect Of Composite Door Panel Design



Long Service Life Of Door Panel

Polyester coating (PE) or fluorocarbon coating (PVDF) can be used inside and outside the door panel to maintain the color of the door panel over a long period of time, and the embossed design is applied to the surface.





EFFECTIVE WIND RESISTANT PERFORMANCE CAN PROVIDE SECURITY FOR VARIOUS OCCASIONS

DIVERSIFIED DESIGN CAN MEET VARIOUS NEEDS IN DIFFERENT OCCASIONS CHOOSING DIFFERENT WINDOW AND ACCESS MINI DOOR ACCORDING TO THE DESIGN REQUIREMENTS

Reliable Seal

With the bottom sealing strip, side sealing strip, top sealing strip and internal sealing strip between door panels, the sealing performance of the frame door reaches the highest level. All seals except the internal inter-panel sealing strips are made of high quality EPDM sealing material.

Excellent Wind Resistant Performance

The special shape of the door panel and the design of the surface reinforcement ensure excellent wind resistant performance of the sectional door, which is sufficient to resist a Category 12 typhoon. Doors with a larger width can provide higher levels of wind resistance through externally mounted reinforcements.



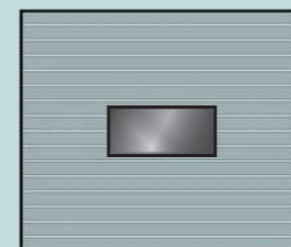
No Windows

Door Panel Height: 500mm(1'8")
Door Width ≤11,500mm(37'9")



Double-layer Insulation Windows

Door Panel Height: 500mm(1'8")
Door Width ≤11,500mm(37'9")



Electric Heating Window

Door Panel Height: 500mm(1'8")
Used in Cold-Storage Sectional Door

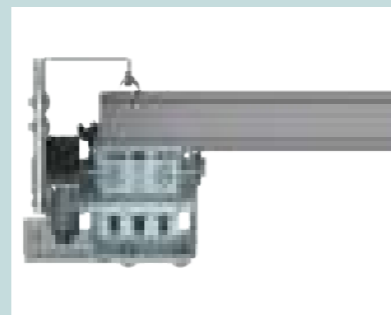


Small Door

An extra small door is available only for doors with a width ranging from 2,500 mm to 6,000 mm.

>>> TECHNICAL PARAMETERS

Optional Requirements	Specifications
Door size	Minimum dimension W1800mm * H2000mm(5'11"W * 6'7"H) Maximum dimension W11500mm * H8000mm(37'9"W * 26'3"H)
Thickness of door panel	42 mm (1.7")/65 mm (2.6"), for cold storage
Standard color	RAL9002 / RAL9006 / RAL7040 / RAL7045
Special color	Customization
Standard height	500mm(1'8")
Door panel weight (including metal accessories)	16 kg/m ² for steel door panels; 10 kg/m ² for aluminum door panels
Wind resistant performance (GB/T 7106-2008)	Standard configuration, 700 Pa
Water resistant performance (GB/T 7106-2008)	Level 1
Air permeability performance (GB/T 7106-2008)	Level 6
Window	Optional
Heating window	Optional for cold-storage sectional door
Opening and closing speed	0.25m/s





SSD-CAV

COLD STORAGE INSULATED SECTIONAL DOOR

HEAT PRESERVATION INSULATION & SEALING

>>> TECHNICAL PARAMETERS

- SSD-CAV insulated sectional door for cold storage of the cold-storage is generally used in the low temperature hall area , which is different from the normal temperature environment. It needs to ensure that during the use, there is no condensation on the door panel surface, no water on the ground and no rusty components.
- The door panel is made of aluminum-magnesium alloy, the pulley seat is made of aluminum alloy, and the torsional spring has an electrophoretic coating on the surface, which is not easy to rust, and is very suitable for humid and low-temperature environment.
- Aiming at the fogging and blurring problem of ordinary windows in cold-storage, the special electric heating glass window design can keep the windows clean and transparent all the time.
- During the installation of products, the thermal insulation foam can effectively improve the condensation and water accumulation on the floor after the cold bridge is generated when the track is directly fixed with the cold-storage board.

Optional Requirements	Specifications
Door size	Minimum dimension W1800mm * H2000mm(5'11"W * 6'7"H) Maximum dimension W5000mm * H5000mm(13'5"W * 13'5"H)
Door opening/closing speed	0.25m/s
Door panel material	Polyurethane foaming
Door panel thickness	65mm(2.6")
Door panel colour	RAL9002 / RAL9006 / RAL7040 / RAL7045 (optional)
Installation position	Interior
Door frame combination	Optional
Door frame structure	Remote control/3-key button/geomagnetic/radar/pull-cord switch
Service life	More than 1 million times
Operating ambient temperature	0°C~25°C

▲ SSD-CAV Cold Storage Insulated Sectional Door
More Product Details for Humid Environment of Cold-Storage



Handleless Design

In case of power failure, manual chain is used to open the door, and manual box handle is no longer needed to be added to the door panel, which means no more cold bridge and dew condensation.



Torsional Spring Electrophoretic Coating

The torsional spring is made of alloy spring steel and its surface is treated with shot peening. The coating is more resistant to corrosion. It is very suitable for the cold environment of the cold-storage and is not easy to rust.

SAFETY & EFFICIENCY DESIGN, EMBODIED IN EVERY DETAIL



Track Thermal Baffle

SSD-CAV cold storage insulated sectional door track is equipped with a thermal Insulation foam to prevent the generation of the cold bridge when it is fixed, and the sealing rubber strip is further embedded on the thermal Insulation foam to improve the sealing effect of the door.



Closed Track Design

It is safer with hand protection. The track and the sub-track are detachably connected, which makes replacement easier and maintenance costs lower.



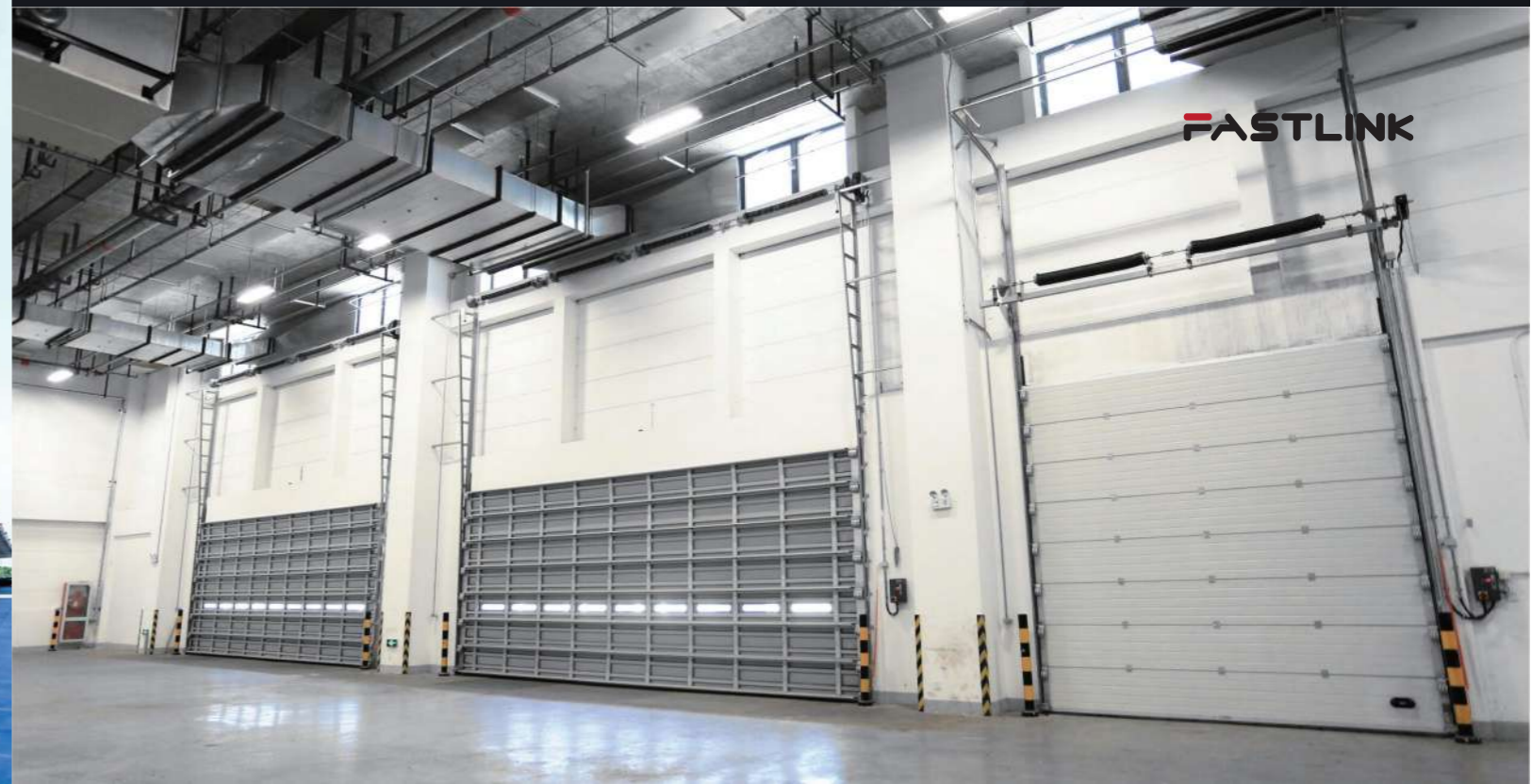
Aluminum Alloy Pulley Seat

The aluminum alloy pulley seat is used to connect the door panel. It is a patent design of Fastlink which realizes multi-angle adjustment and ensures that the door panel is always in the best sealing state.



Electric Heating Window

The insulating glass window with the electric heating system used in the cold-storage will always be clean, transparent and fog-free.



SSP-SAS

SINGLE PANEL SECTIONAL DOOR

EXCELLENT WIND RESISTANT PERFORMANCE



SPECIAL MOLDING PROCESS

- An aluminum alloy frame and a special molding process is adopted for the aluminum-magnesium alloy door panel, and the wind resistant rib structure on the bottom of the frame increases the strength of the door panel, making it not easy to be deformed. After the installation is completed, the wind resistant performance of the door is ensured.
- The aluminum alloy frame and the aluminum-magnesium alloy door panel are moulded by rolling to avoid the traditional riveting, nice and durable.



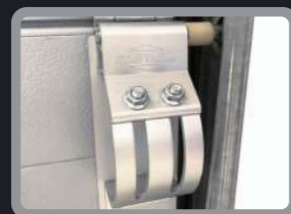
▶ Select different specification of aluminum alloy frame according to the width of the door opening

>>> TECHNICAL PARAMETERS

Optional Requirements	Specifications
Door size	Minimum dimension W2000mm * H2000mm(6'7"W * 6'7"H) Maximum dimension W11500mm * H8000mm(37'9"W * 26'3"H)
Door panel material	Aluminum-magnesium alloy
Wind resistant rib	Aluminum alloy sections
Standard color	RAL9002/RAL9006
Special color	Customization
Standard height	500mm(1'8")
Door panel weight (including metal accessories)	9kg/m ²
Wind resistant performance (GB/T 7106-2008)	700Pa
Window	Optional
Opening and closing speed	0.25m/s

HIGH QUALITY PRODUCTS RESULT FROM DESIGN OF PRODUCT STRUCTURE AND PARTS DETAILS

FASTLINK DESIGN: HUMAN-ORIENTED, SAFE & EFFICIENT



Built-in Wire Rope Design

The wire rope is placed inside the track and is not easy to be touched to avoid accidental pinching.



Anti-breakage design of wire rope

When the wire rope is broken, the safety knife switch can be automatically stuck on the track to prevent the door body from falling.



Torsional Spring

The torsional spring is made of alloy spring steel and treated by surface shot peening. The black electrophoretic coating is more resistant to corrosion and rust.



Semi-closed Track Design

It is safer with hand protection. The track and the sub-track are detachably connected, which makes replacement easier and maintenance costs lower.



Wireless Airbag

The wireless airbag without spiral wires makes winding and accidental scratching of airbag wires a history.



FASTLINK

DIVERSIFIED LIFTING METHODS

<p>FL/1</p>		<p>Standard Lifting</p> <p>Applicable to door openings with a lintel height of 450/530mm(1'6"/1'9"), which is the standard lifting method for industrial plant doors.</p>	<p>FL/2</p>		<p>High-level Lifting</p> <p>Applicable to door openings with a lintel height greater than 630mm(2'1"), maximizing door opening height.</p>
<p>FL/3</p>		<p>Vertical Lifting</p> <p>Applicable to door openings with a lintel height greater than H+600mm(2'0"), suitable for large factory doors or special requirements.</p>	<p>FL/4</p>		<p>Rear Torsional Spring</p> <p>Applicable to minimum lintel height.</p>
<p>Annex</p>					<p>Including motors, locksets, lighting windows, ventilation windows, etc.</p>

H=door opening height; h=lintel height; Hn= net passable height

**EASY TO USE
ELECTROMOTOR**

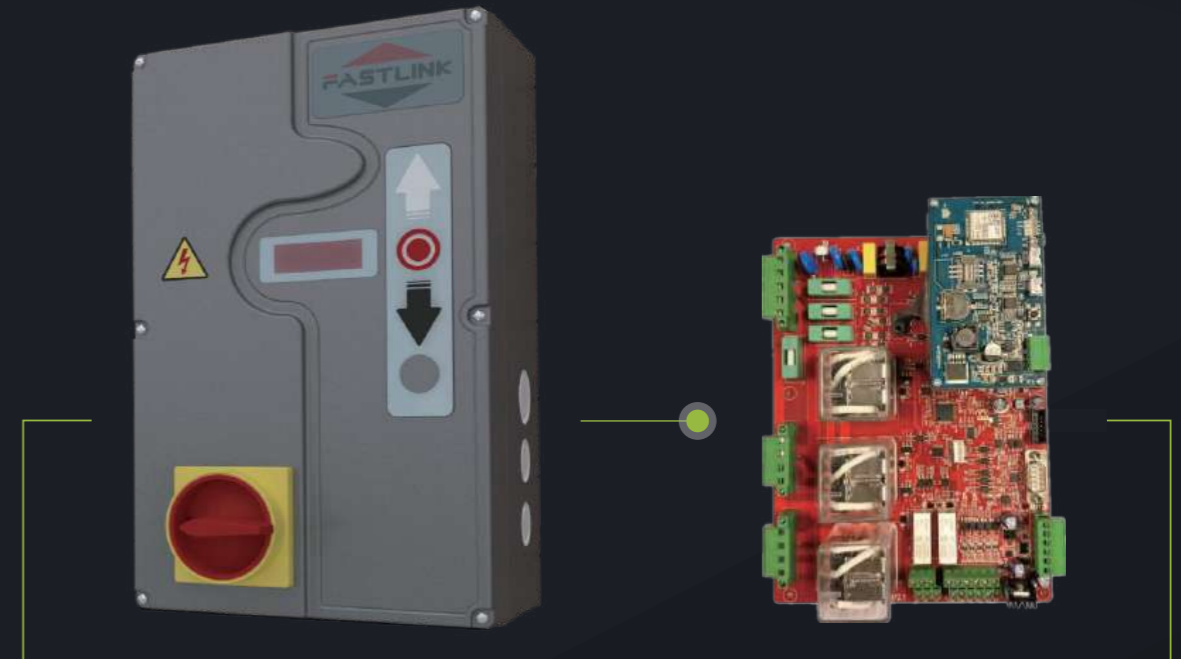


Performance of Motor

- Electronic limit, accurate positioning of upper and lower limits
- Easy to debug and no need to climb to the motor position to debug
- Low operation noise
- High persistence rate

**AWARDED THE NATIONAL INVENTION PATENT
ACHIEVING MORE EXTENDED FUNCTIONS
TO CREATE VALUE FOR REALIZING
INTELLIGENT MANAGEMENT OF CUSTOMERS**

**FASTLINK PIONEERED
INTERNET OF THINGS
CONTROL BOX**



Door + Platform Integrated Control Box

- Save installation space and make maintenance easier

Human-computer Interface

- The fault code indicates for the cause of the failure
- Indicate operation times for reasonable maintenance

Interlock Function

- Automatic door and platform interlocking control, with higher security.

Fire setting

- Upon receiving a fire signal, the door automatically opens to its maximum limit or the preset height.

IoT (optional)

- Remote fault diagnosis and automatic repair request turns after-sales services from passive to active
- Help boost security and anti-theft
- Realization of intelligent management of the park

Security Function

- Power phase loss protection, motor stall protection
- Less climbing in installation and after-sale service

Frequency Conversion Function (Optional)

- Open and close doors more smoothly
- Lower noise
- Reduce accidents caused by door body impact during opening and closing, especially for large- dimension doors

Voltage	220V	380V	380V
Capacitance	20 uF	/	/
Motor power	350W	450W	800W
Starting torque	45N.m	70N.m	100N.m
Output rotation speed	24r/min	24r/min	24r/min
Door panel area (M)	≤20 m²	≤30 m²	≤40 m²
Duty cycle	S3-20%	S3-25%	S3-25%
Operating environment	-20°C to +50°C (customizable to -40°C)		
IP rating	IP54		



FASTLINK'S ADVANTAGES

 **WE PROMISE TO PROVIDE MORE DURABLE SECURITY**

Fastlink After-sales Advantage

Security Provision Professional team, original accessories, liability tracing system

Quick Response Far above the industry level

Scientific Data Management System Any maintenance data is traceable, and we strives to continuously optimize our service capabilities

More Economical Maintenance Package Cover all consumable replacement and maintenance items

Providing Third-party Additional Protection

Fastlink has purchased third-party insurance for each product and for each on-site after-sales staff, providing you with double protection and removing worries for you.

Product Accident Insurance

At the customer's site, any property loss or personal injury caused by Fastlink products shall be settled by the third party insurance.

Personal Accident Insurance

Any personal injury accident caused by the employees of Fastlink shall be settled by the third party insurance during the on-site work of the customers.

Providing Maintenance Packages Of Different Specifications After The Warranty Period

SERVICE

Compared with the layout of the sales network, Fastlink attaches more importance to the fulfillment and delivery of orders and the after-sales guarantee of products.

Since the establishment of the company, we have passed on the after-sales service gene, and the three service teams have been constantly expanding the localization to achieve the service guarantee of rapid response.

Fastlink has nationwide distribution of

Project Management Team

Installation Team

After-sales Service Team

- Shanghai
- Kunshan
- Suzhou
- Changzhou
- Zhejiang
- Hefei
- Fujian
- Guangzhou
- Wuhan
- Shenyang
- Tianjin
- Shandong
- Beijing
- Hebei
- Zhengzhou
- Xi'an
- Chengdu
- Chongqing
- Guiyang
- Huhehaote

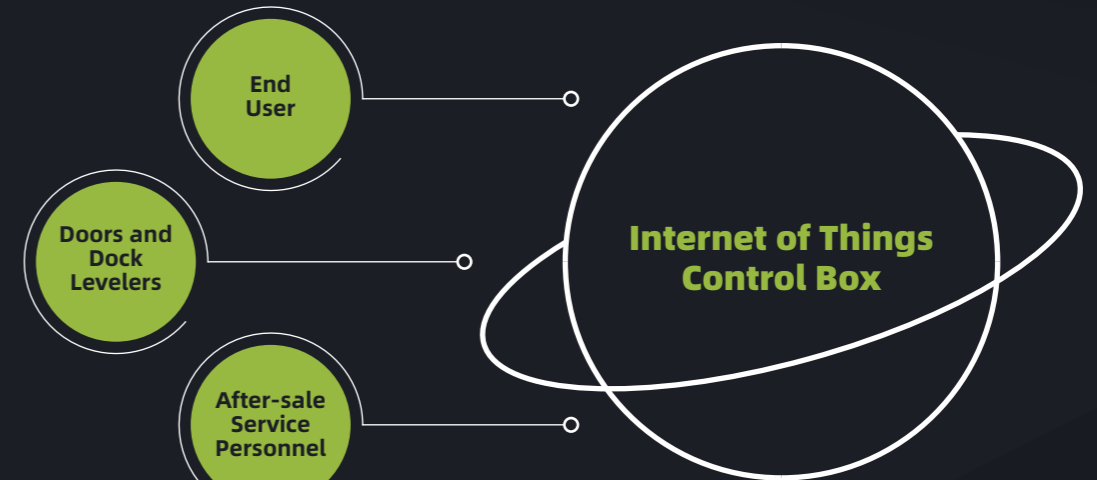


INFORMATION MANAGEMENT

Fastlink takes the lead in investing resources to establish an intelligent service management platform, and continuously launches service functions such as efficient inquiry of orders for customers and one-click report for repair and customer evaluation on the mobile phone, so as to realize end-to-end service that starts with customer demand and ends with customer satisfaction.

TECHNICAL SERVICE

Fastlink initiates the world's first Internet of Things Control Box (national invention patent), realizing system interconnection and turning passive service into active service.



1 Customer Service Terminal QR Code Repair Report

Customers can scan the QR code with the mobile phone to quickly report for repair, inquire the contact information of the assigned after-sales engineer, and check the whole service process in real time.

Fastlink distributes task orders on APP to the nearest after-sales service engineers, realizing data management from the assigning to the completion of the repair. Customers can evaluate the service on the mobile phone, which always reflects the business philosophy of customer first.

2 Cloud Platform

The cloud platform can display the usage status of warehouse products in real time (running times, fault information, real-time uploading).

Authorized customers can check the usage of all projects in the country from the system, and accurate data analysis for equipment repair and maintenance are provided to customers.

The system can connect with the customer park management system and realize the management goal of an intelligent park.

