

Introduction of Panasonic Auto-door & Security Division

Name	Panasonic Manufacturing (Beijing) Co., Ltd.
ADD	No.1, Tongji North Road, Beijing Technical Development Zone
Chairman GM	Da Longqing Xiangjingdazai (Apr 2019)
Date of Inception	Jan 1993
Scope of Business	Development, design, production and sales of lighting, wiring, automatic doors, health appliances (Beijing) Division, Manufacturing Workshops and Management Personnel (Shanghai) Lighting: adjustment and development · LPECC, automatic door: development and operation (Guangzhou) lighting: adjustment and development, automatic door: operation

Capital fund	40 m US\$ Panasonic 100%
Sales amount	1.354 b US\$
Number of employees	1,035 899 (Beijing)
Miscellaneous	59,000m², building area 15,000m²





统一社会信用代码

9111030260000235XD

营业执照

(副本-1)

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名称 松下电气机器(北京)有限公司

类型 有限责任公司(外国法人独资)

法定代表人 大薮清

经营范围 生产、加工电气机械器具、液体分离及纯净设备、医疗器具(中国医疗器械产品分类目录第三类产品除外)、门控系统(自动门、轨道交通屏蔽门系统、出入口控制系统、门控五金产品、电子锁)及其零部件;开发、设计、销售电气机械器具、液体分离及纯净设备、医疗器具(中国医疗器械产品分类目录第三类产品除外)、门控系统(自动门、轨道交通屏蔽门系统、出入口控制系统、门控五金产品、电子锁)及其零部件;提供上述产品的有关安装、调试、维修、技术咨询、技术培训及售后服务;货物进出口、技术进出口。(依法须经批准的项目,经相关部门批准后方可开展经营活动。)

注册资本 美元4000万元

成立日期 1993年01月19日

营业期限 1993年01月19日至2023年01月18日

住所 北京市北京经济技术开发区同济北路1号

登记机关



2019 年 05 月 21 日



**CE certification for
sliding automatic door**



**Quantity test report
for autodoor**

Test Reports

Panasonic



ISO 9001



ISO 14001




OSHMS

Product Liability Insurance

Panasonic

Million dollars of product liability insurance,
ease of use, no worries

THE TOKIO MARINE & NICHIDO FIRE INSURANCE
COMPANY (CHINA) LIMITED (TMNCH)

 TOKIO MARINE NICHIDO CHINA		东京海上日动火災保險(中國)有限公司 The Tokio Marine & Nichido Fire Insurance Company (China) Limited		正本
产品责任险保单 Products Liability Insurance Policy				
保单编号: Policy No.	19173814		保单号: Policy No.	PD17381401
基于投保人已向保险人提出投保申请,并同意按约定交付保险费。保险人按照本保险单的规定承担赔偿责任。 Whereas the Applicant has made to the Insurer a written application and agreed to pay premium as arranged, the Insurer shall indemnify subject to the terms and conditions contained herein.				
投保人:	松下电气机器(北京)有限公司			
投保人地址:	北京经济技术开发区同轴北路1号	邮政编码:		
被保人:	松下电气机器(北京)有限公司			
被保人地址:	北京经济技术开发区同轴北路1号	邮政编码:		
业务类型:	其他			
承保区域:	全世界(美国和加拿大除外)			
产品描述:	贵公司制造 销售的产品			
保险期限:	自 2019年07月10日 0:00 起 至 2020年07月09日 24:00 止			
赔偿限额:	每次事故赔偿限额: RMB3,449,000.00			
赔偿限额:	累计赔偿限额: RMB3,449,000.00			
免赔额:	免赔额(美国和加拿大除外)			
估计年保费:	RMB915,700.00	费率:	0.007500%	
最低保费:	RMB0	总保费:	RMB915,701.05	
备注: 业务类型, 电脑制造与销售; 汇率: 1USD=6.89550000; 承保地址: 北京经济技术开发区同轴北路1号; 赔偿限额: RMB3,449,000.00每次事故/累计赔偿限额/USD900,000.00美元				
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邮政编码:	100021	授权代表签名		
联系电话:	010-84462567	传真:	010-84462281	
签字:	北京	签发日期:	2019年07月01日	
签字日期:	2019年07月01日	签字日期:	2019年07月01日	
签字日期:	2019年07月01日	签字日期:	2019年07月01日	

Environment-friendly Workshops

Panasonic



Electronic Assembly Line

Panasonic



Terminal block assembly desk



Electronics parts processing



welding



Assembly



Quality detection

Production Line

Panasonic



Surface mount



Digital machining center



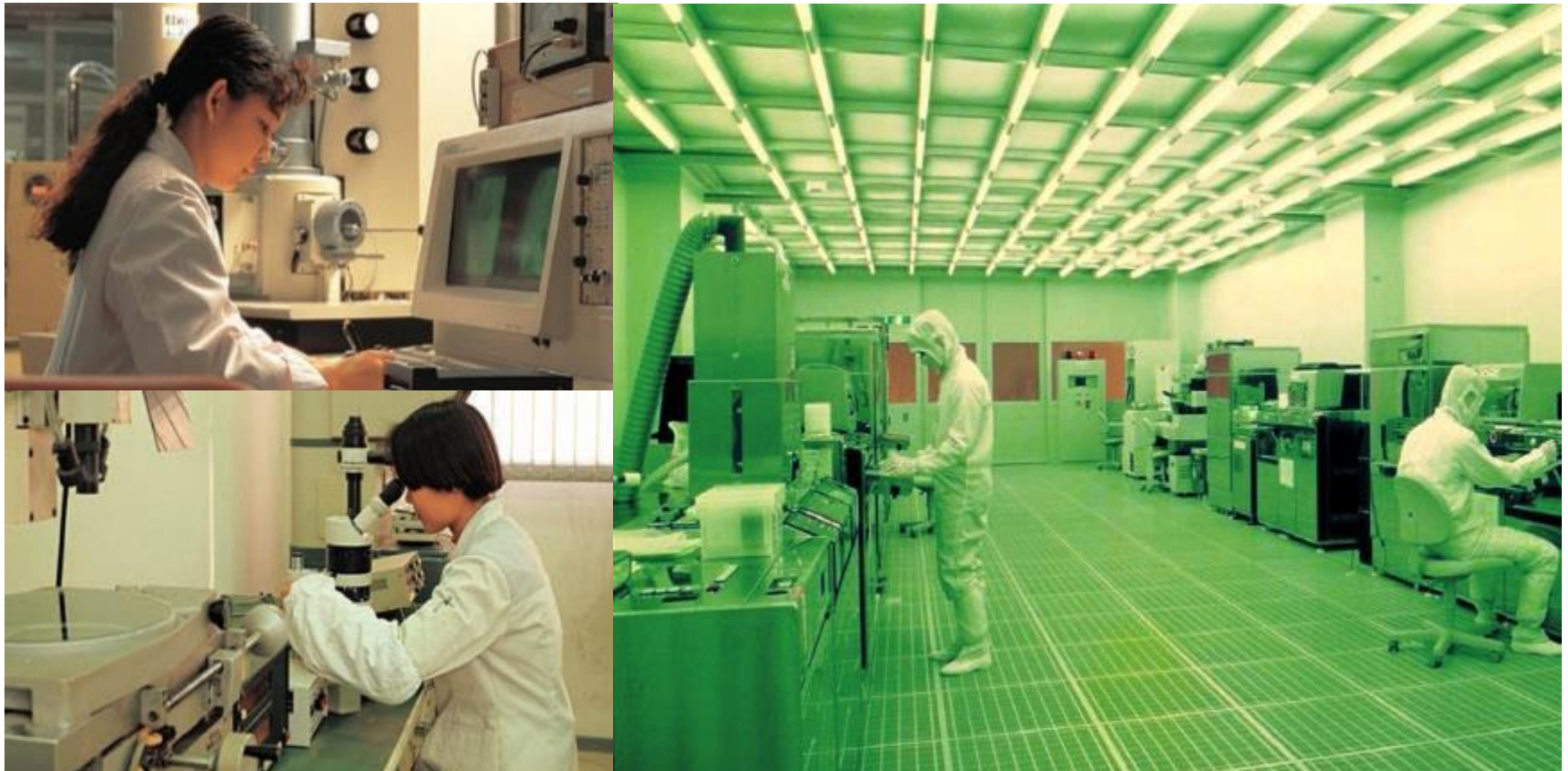
Temperature and humidity laboratory



Wave soldering equipment

Quality Control Desk

- High and low temperature/ THB tests for electronics.
- Corrosion test for mechanical parts.
- High-voltage holding test for electronics .



Production Plant

Panasonic



Gating Security BU Business Module

For different industries
Provision of customized solutions

Office, new retail, etc

Example: security system of convenience stores
Automatic door+monitoring+entrance guard



Commercial security

Integrated operating room

Hardware products+intelligent operating room software system



Medical care

Centered on electronic locks
Construction of home security system

"Home+Community" New Security System



Smart home furnishing

Expanded overseas sales

Maintenance/technological transformation
Platform equipment integration

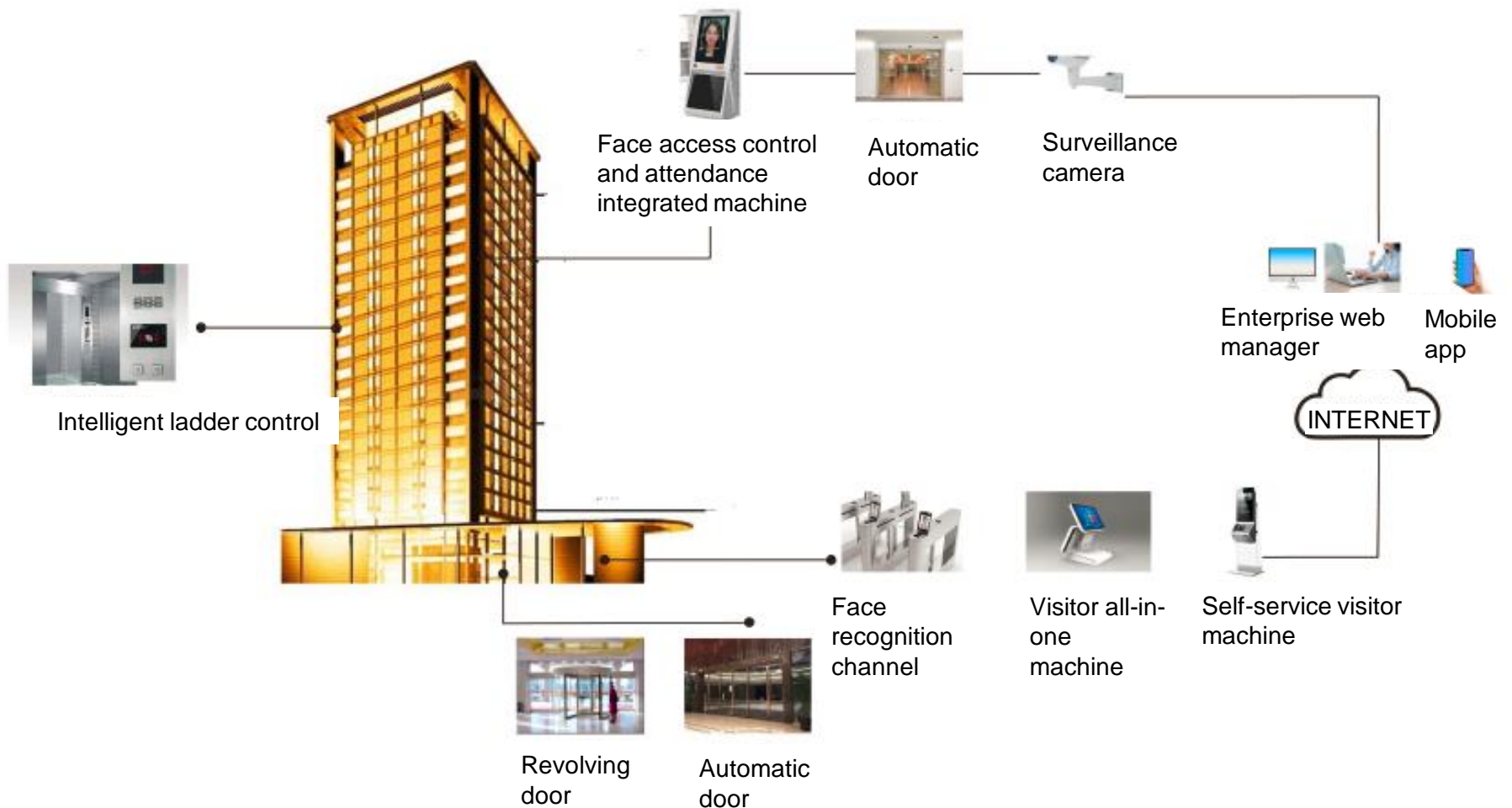


Rail transit

Commercial security system

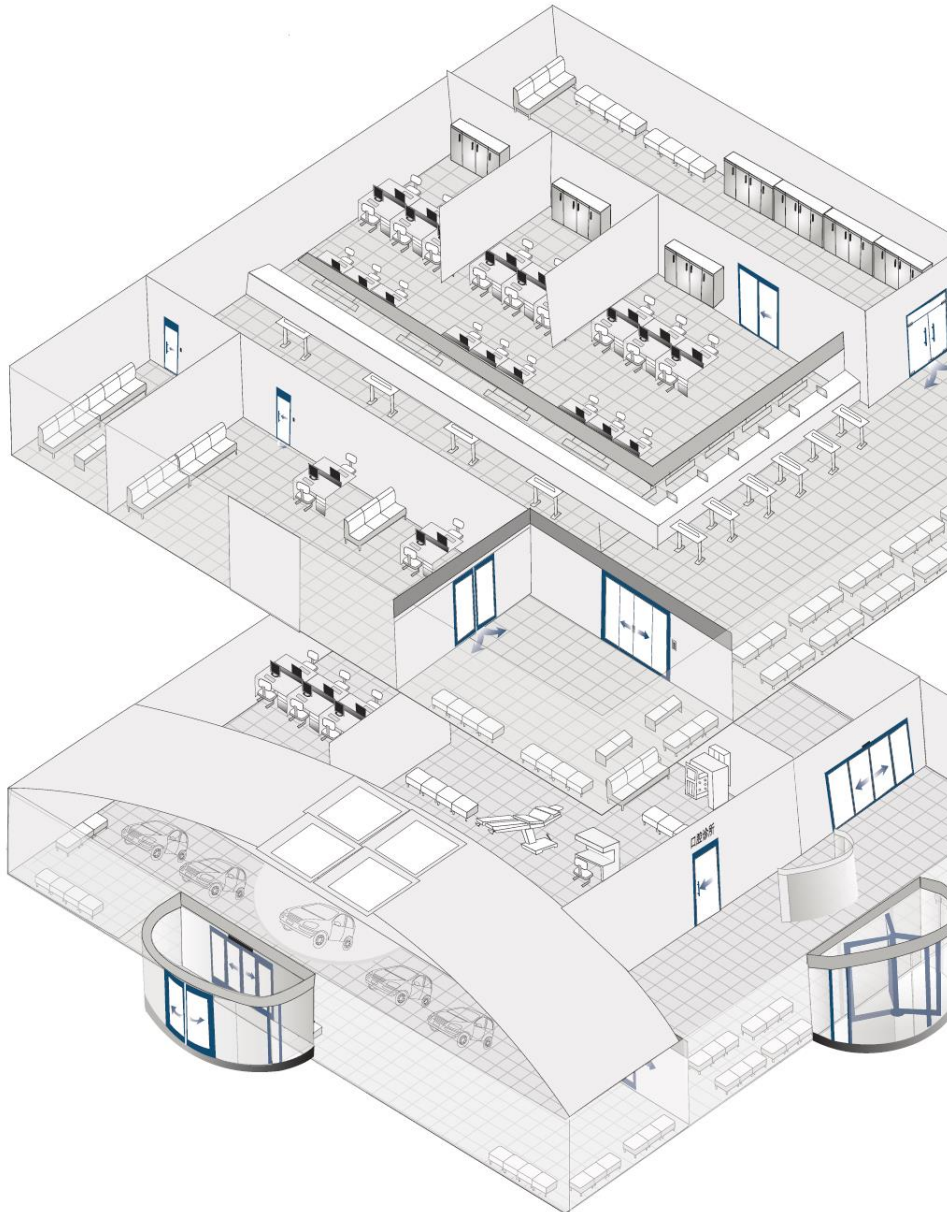
Panasonic

» Commercial security system «



Overall Building Solution

Panasonic



- Sliding automatic door
- Sliding automatic door
- Swing door
- Medical automatic door
- Magnetic suspension automatic door
- Channel door
- ...

Sliding Door Series

Ruidi Automatic Door



Product features: Silent, safe, easy to install, stable and reliable, rich functions

- ◆ The new technology motor is used to improve the motor structure, optimize the design of the reduction gear and further reduce noise.
- ◆ The control program is optimized to match the new motor for smooth operation.
- ◆ The high-strength polyurethane pulley is used for lower rolling friction noise.
- ◆ The new sensor is more sensitive and stable.
- ◆ The remote controller is adjustable and has rich functions.
- ◆ 1 million life tests, durable
- ◆ Controller module

The safety electric eye interface and function expansion interface can be connected to the function expansion device, backup battery, electric lock, etc., improving the safety and versatility

Model of the door	Single door		Double doors		Single door		Double doors	
weight	Less than 120kg		Less than 120kg*2		Less than 150kg		Less than 150kg*2	
Width	Door width 600~1250mm							
Installation method	exposed	concealed	exposed	concealed	exposed	concealed	exposed	concealed



Sliding Door Series

H3 Automatic Door

Panasonic

Product features: Silent, safe, easy to install, stable and reliable, rich functions

The single door has a bearing capacity of 90kg and double opening of 90kg*2, which can meet most import and export requirements.

It has rich functions and can be set in normally open, normally closed, half open mode. It can be connected to the backup battery and connected to various electric locks, sensors and access control.

The door machine has passed 1 million life tests without any operation failure.

Product type

60W DC brushless motor power: powerful power, high transmission efficiency, large torque and long service life

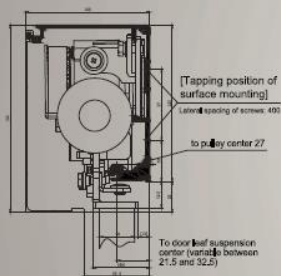
New sensor with the installation height up to 3 m, and the sensitivity knob can be adjusted for different detection ranges

length	Surface: 2.1m, 2.5m	Surface: 2.1m×2, 4.2m×1	2.5m×2 roots
Type	Single open	Double open	
Door weight	Below 90kg	Below 90kg × 2 pieces	
Door width ※	DW=600mm~1265mm	600mm~1265mm	

Component

- 1 Motor
- 2 Control Unit
- 3 Leading track
- 4 Belt
- 5 Suspension Device
- 6 Belt Connection Device
- 7 Terminal Block
- 8 Driven Wheel

Sectional Drawing <Surface mounting type>



Sliding Door Series

Heavy Automatic Door



Product features

High bearing capacity: Maximum door weight: single 250kg, double 250kg×2

Safe and durable: It has passed 500,000 inspections and has good anti-falling performance

Product type

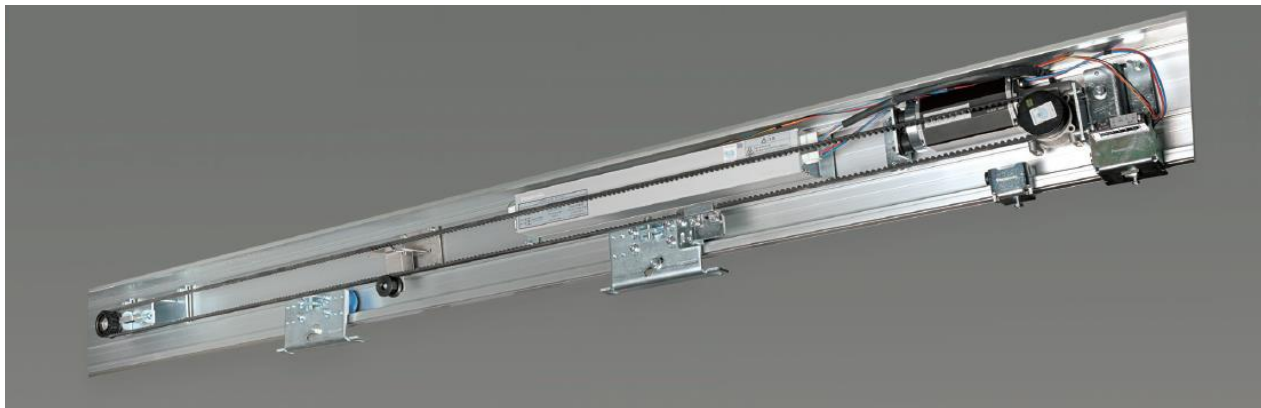
Permanent magnet synchronous motor with the service life of up to 1 million cycles

The advanced technology induction probe is used, and the appearance is Panasonic patent

The controller volume is substantially reduced

A new manipulator is provided for intelligent management of automatic doors

Engine unit number (With auxiliary light sensor)	NCXZ12525F	NCX212542F	NCXZ12550F	NCXZ12560F	NCX212584F
Track length (m)	2.5	4.2	5	6	8.4
Style	Single opening		Double door		
Door weight	250kg and less		250kg and less x 2		
Door width	DW=800~2100mm		DW=800~2100mm		
Installation method	Surface				



Automatic Door with Full Profiles

Panasonic

- Product configuration: complete profile door body+door machine drive system.
- Recommended model: NEXR2350385(50 profile, silver oxide)
- Product features:
 1. Tailoring the door body and size according to our customer requirements and site conditions;
 2. Consuming less time thanks to convenient installation and simple construction;
 3. Factory customized profile door body, with a beautiful and uniform appearance, complements the building style;
- Door body surface:
 - ① Anodizing, ② Fluorocarbon spraying (color specified by the customer) ③ Mirror polishing, three options available
- Door size: 4200mm(W)*2400mm(H)
- Door opening size: suitable for entrances and exits within specifications of 6000mm(W)*4000mm(H)
- Precautions:
 - ① If the walls on both sides of the door opening are constructed of marble slabs, steel frames shall be embedded for bearing.
 - ② 220V power supply is reserved above the door opening;



90° Side-hung Door

Panasonic

90° OPENING SOLUTION FOR AUTOMATIC DOORS



- Area of applications: toilet, meeting room, corridor access door
- Area of applications: toilet, meeting room, corridor access door
- Door size: 1000mm(W)*2100mm(H)
- Door body material: wooden door/steel door/profile door is optional, not suitable for frameless glass door
- Note: For indoor use, it is not suitable for high-wind pressure and humid environment.

Contactless door opening

Product features

Reliable operation, durable and quiet

- High quality driver components, stable and durable performance, quiet and stable operation;

The structure is exquisite and the installation is convenient.

- High quality driver components, stable and durable performance, quiet and stable operation;

Safety intelligence and humanized design

- Optional light curtain sensor to prevent the switch door from touching people or objects;
- Function of stopping in case of obstruction during the operation of the door body;
- Windbreak retention function;



Magnetic Suspension Automatic Door

Panasonic

OPENING SOLUTION FOR MAGNETIC SUSPENSION AUTOMATIC DOOR

- Recommended model: NSXA250105
- Product functions: normally open, normally closed, one-way, half-open, access control, locking function;
- Product features:
 1. Intelligent control system, with small impact force, ensures safer passage for the elderly and children;
 2. Less friction points, no dust and noise, high efficiency and cleaner;
 3. Free your hands, suitable for people with limited mobility to open the door;
 4. APP communication interface can be equipped with various signal source control devices;
- Door opening width: 650 mm-1250 mm for single opening
- Precautions:
 - ① The door weight does not exceed 70KG;
 - ② 220V power supply is reserved above the door opening;



- Single person two-way passage
- Door wing horizontal opening mode, opening and closing angle-90° ~ 90°
- The passage width range is 650 ~ 900 mm.
- Can realize two working modes of remote control and manual operation
- Can realize two working modes of remote control and manual operation
- Can realize two working modes of remote control and manual operation
- Can be used indoors and outdoors



Automatic Revolving Door

Panasonic

- Door wing horizontal opening mode, opening and closing angle-90° ~ 90°
- Single person two-way passage
- The passage width range is 650 ~ 900 mm.
- The passage width range is 650 ~ 900 mm.
- Can realize two working modes of remote control and manual operation
- Ultra-quiet, noise level $\leq 50\text{db}$
- Can be used indoors and outdoors



Medical airtight automatic door (sinking)

Product characteristics

- Suitable for places with high cleanliness and tightness such as surgery and consultation rooms.
- Adopting Panasonic 250 medical door special system
- Adopting imported motor, the whole operation is brisk and stable with low noise
- Safety sensor, with anti-pinch function, rebounds when blocked
- Good sealing performance, preventing cross infection, and improving cleaning performance to the greatest extent
- The door body is beautifully designed in various forms to meet individual needs.

Performance

- Standard double-layer hollow glass
- The door panel is made of sprayed steel plate, which has the characteristics of rust prevention, moisture prevention, easy cleaning, etc.
- Energy saving, heat preservation, compression and impact resistance
- The sealing method of high-quality sunken door ensures air tightness and conforms to GB/T 7106-2008
- Open at a constant speed, with end buffer
- Can be equipped with pedal sensing, doorbell switch, and entrance guard system, etc.



Gating hardware series-ground spring

- Gating hardware series-ground spring
- The exterior panel is made of high-quality steel, and the body logo is cast precisely

Product classification:

- P, E series (7° cam head design)
- S series (5° cam head design)

Product selection:

Different types of ground spring products are selected according to the width and weight of the door body.

(Refer to the product brochure for product parameters)



Gating hardware series-door closer

- Mainly used in commercial and public buildings
- Classification of products: open, hidden

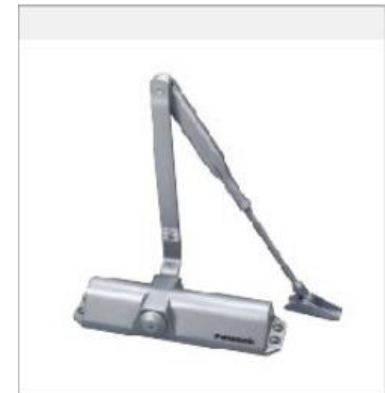
Application classification

- Open-mounted door closers are mainly used for building access doors, entrances and exits of supermarket chains, etc.
- Hidden door closers are mainly used at the door of hotel guest room.

Product selection:

- Different types of door closers are selected according to the width and weight of the door body.

(Refer to the product brochure for product parameters)



Key Projects

Panasonic



180 sets of products in Yanbian Sunshine International



200 sets of products in the Soft Xikang Health Cabin



82 sets products in Ningbo Mansion.Jie Di



92 sets of products in Xiaomi Headquarters



Jingdong7FRESH



Revolving Door of World Expo



7 Revolving Doors at CNNC



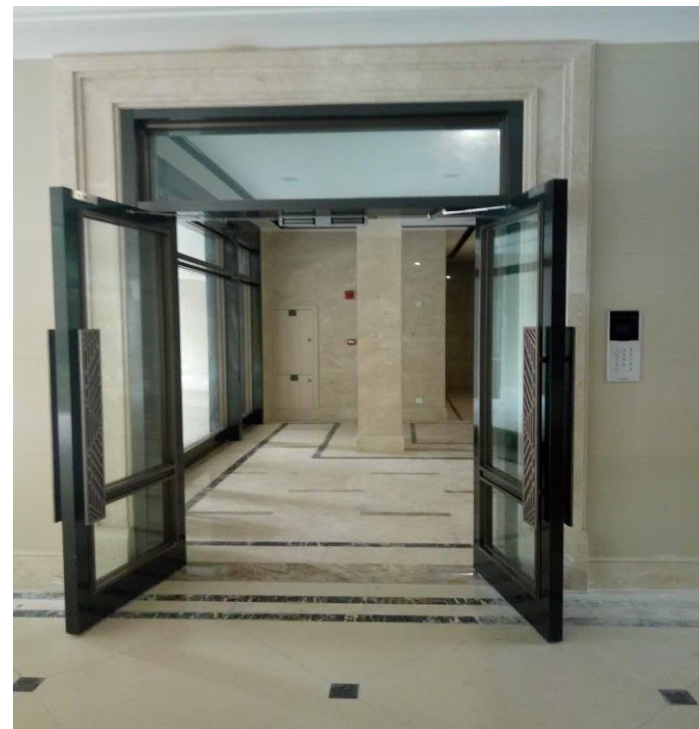
Chongqing Museum



Guangdong-Hong Kong-Macao Bridge

Cases



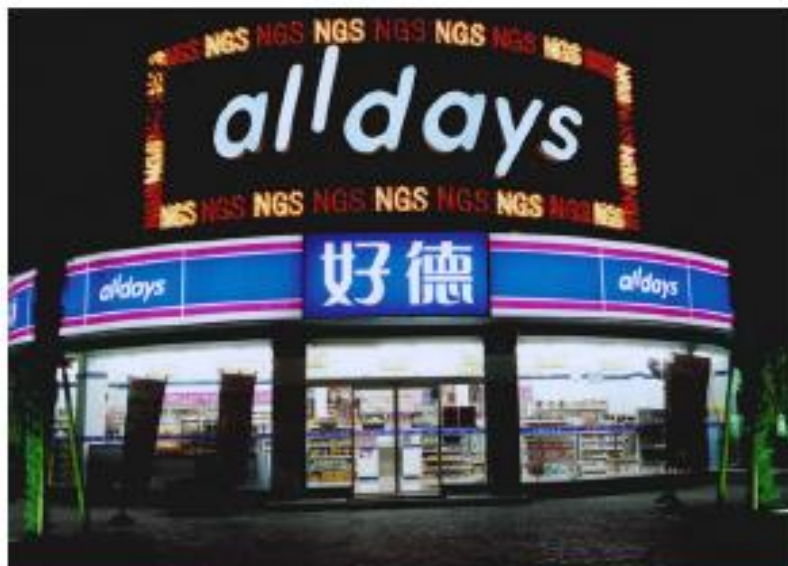






Key Projects

Panasonic



Key Projects

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Key Projects

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