

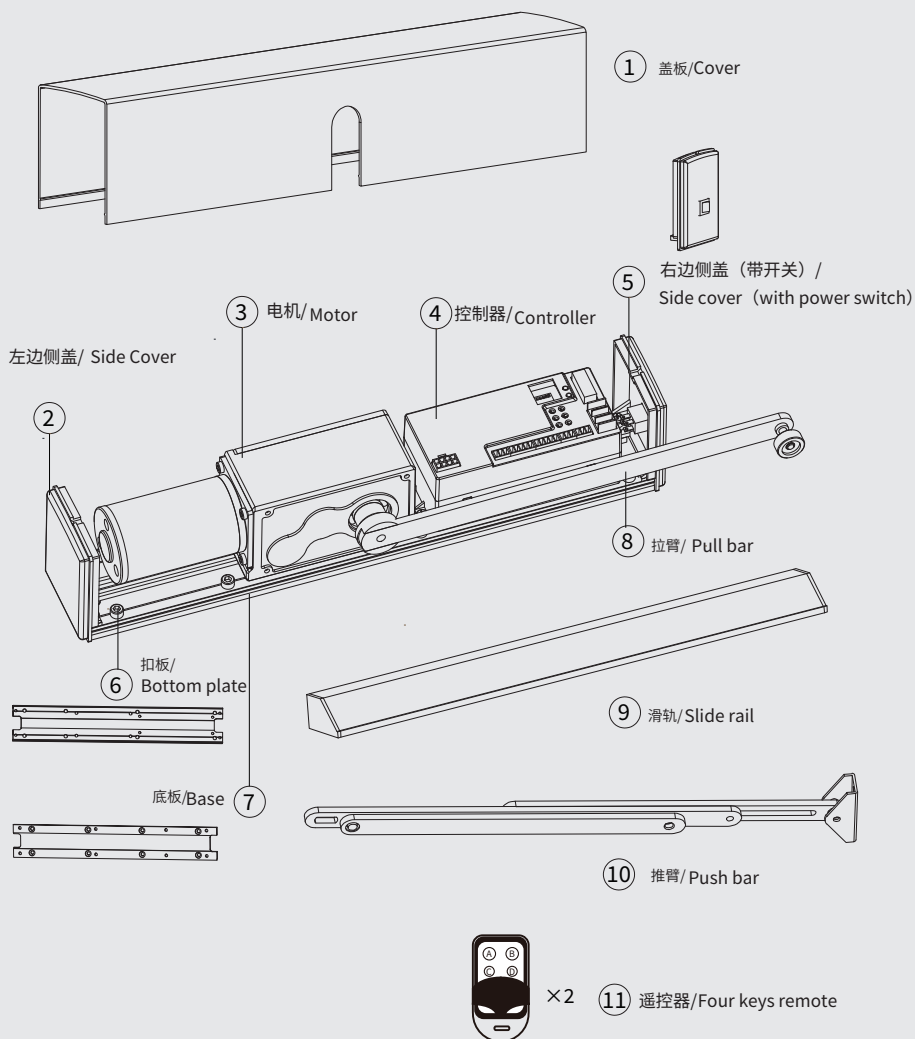
自动安装说明书

Mounting Instructions

V1.1



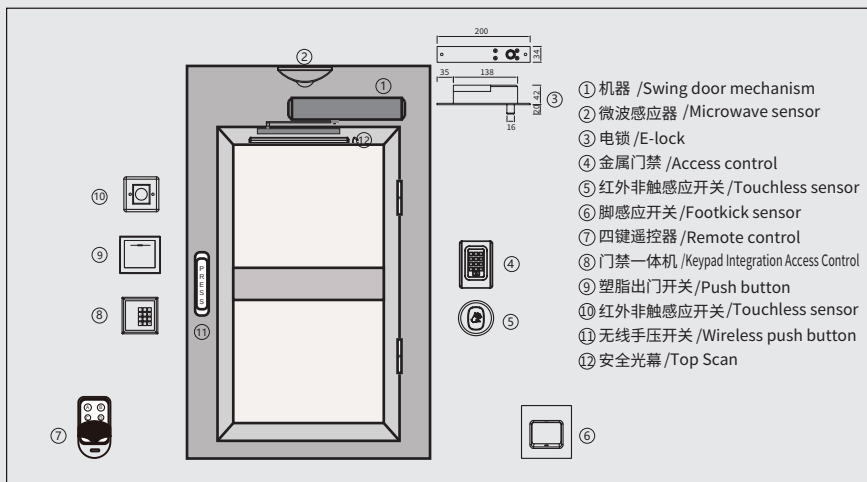
Installation is to be carried out by trained professionals(e.g. electricians) only!
安装人士均应受过培训，并通过相关技能考核（如：专业电工）！



包装内容/Package Contents

Mounting Instructions

用途:木门、金属门或有框门, 单向单开或单向双开的纯玻璃门(需配玻璃门专用玻璃夹)
Application: suitable for wooden door, metal door, frame door open to one direction (both single or double open, special Glass clamp is request for glass door installation)
可调性能:可调节开关门速度、停顿时间、角度、闭合力度
Speed/opening time/open degree/ close force adjustable
门宽度:≤1200毫米
Door width :≤ 1200mm
最大承重:120Kg
Door weight : ≤ 120kgs
开门角度:60°-110°可调
Open degree:60-110 adjustable
安装方法:拉装、推装(对应不同连接臂)
Installation: open to inside /open to outside (pull/push bar)
电压:交流100V-240V, 输出24V/DC
Voltage: AC100V-240V, Output 24 DC
开启方式:遥控或按无线手压按钮, 方便耐用
Open device :wireless push button/remote control
质量可靠, 近200万次的开关试验寿命, 保证长期使用
2000000 service life test. super reliable



1. 采用55W高速无刷电机，具有寿命长，噪音小
1.55W high speed dc brushless motor, long service life, low noise.
2. 主从联动模式下，可做到主从门的开门顺序，无论怎么遇阻都不会发生改变
2. In main and slave mode. Sequence will not change because of encounter an obstacle.
3. 电机金属齿轮箱设计，高速比达到高动力，可使用在120kg的门上，可与专门的电插锁配合使用，安全更有保障
3. Double gear box design, high speed ratio, high strength, can work with 120kgs door (work with E-lock will more safe).
4. 具有推门即开功能
4. Push and go function.
5. 控制器采用宽电压设计，适用于不同地区的电压，电机额定功率55W
5. The voltage of the controller is AC100V-240V, which is applicable worldwide. The rated power of the motor is 55W.

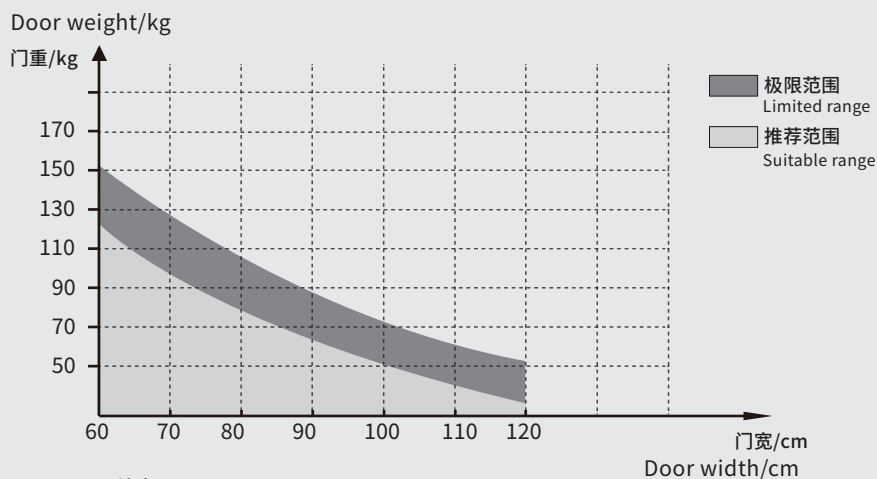
2

自动安装说明书

Mounting Instructions

V1.1

尺寸/Product size:	475*81*98mm(L*W*H)
重量/Product weight:	4.9kgs
工作温度/Temperature:	-20°C ~+50°C
输入电压/Power:	AC 100V -240V
输出电压/Power:	24V DC (±10%),3A
开门角度/Max open angle:	Max 110°
开门速度/Opening speed:	45°/S
关门速度/Closing speed:	45°/S
停顿时间/Hold open time:	0-20S(可调) Adjustable
防护等级/Protection class:	1P21



注意:

此参数为零风压下测试所得

建议门体重量在推荐范围内, 如果要在极限范围内使用, 请将开/关门速度调慢

Note: This parameter is obtained by testing without wind pressure. It is suggested that the door weight should be within the recommended range. If it is to be used within limit, please slow down the opening/closing speed.

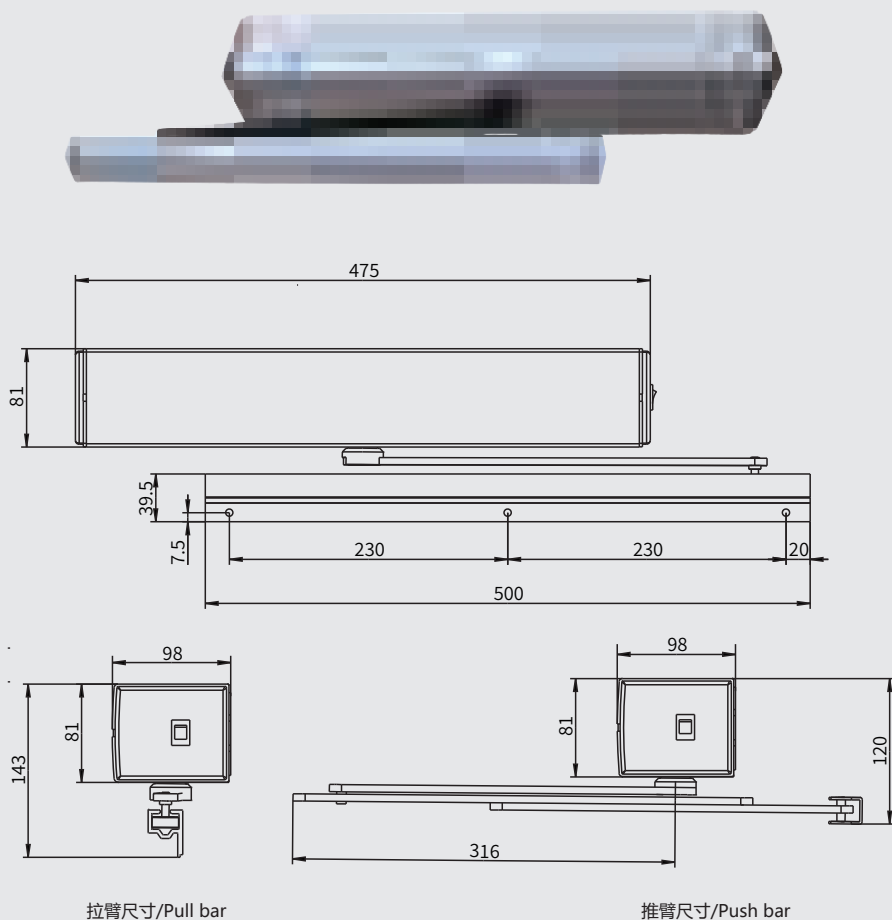
自动安装说明书

Mounting Instructions

V1.1

本机满足无障碍建筑要求，使生活更加轻松方便，尤其是对残疾人和儿童，可实现门自动开关，解放双手配安全光幕使用，更加安全可靠，畅销于国内外各地。

Design for Barrier-Free Accessibility, Convenient for disabled and children.



尺寸/Size

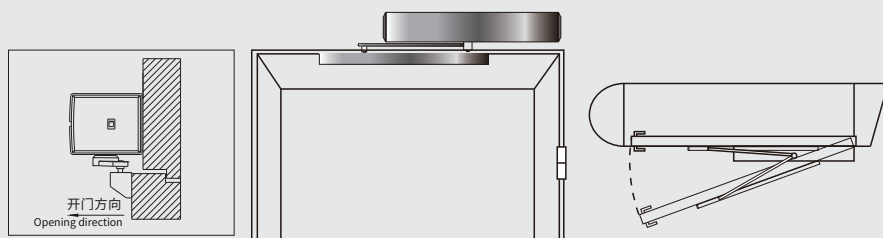
自动安装说明书

Mounting Instructions

V1.1

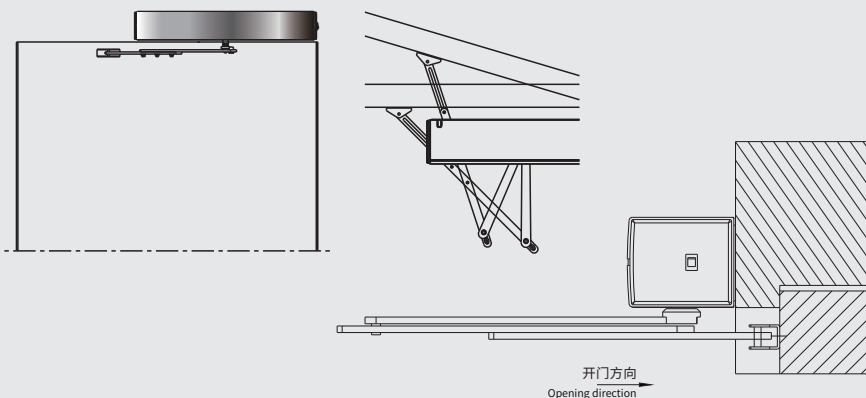
■ 安装示例1/ 拉臂式安装：适合门扇向里开（驱动装置在里面）

Installation demonstration1/Installation of Pull bar type,suit for door open to inside (mechanism is inside)



■ 安装示例2/ 推臂式安装：适合门扇向外开（驱动装置在里面）

Installation demonstration2/Installation of Pull bar type, suit for door open to inside (mechanism is inside)



机械安装/Mechanical installation

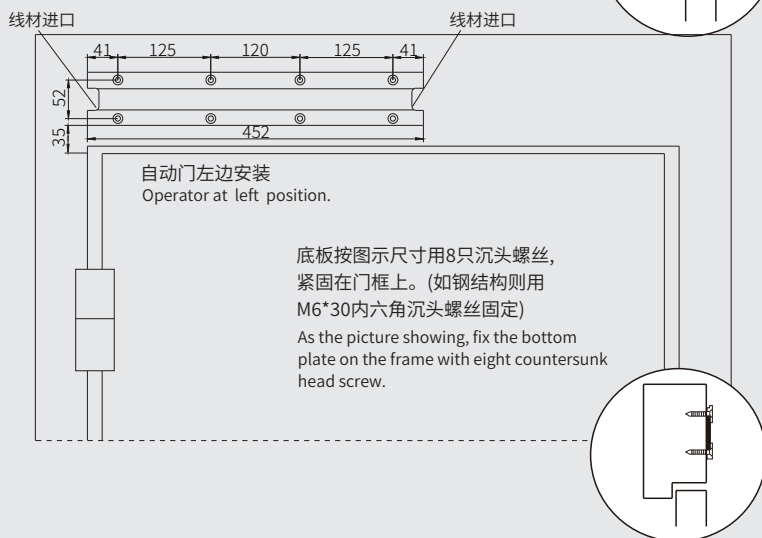
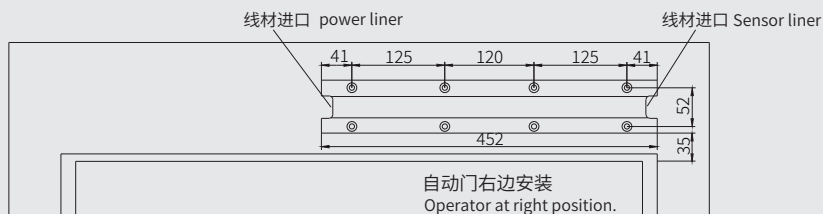
自动安装说明书

Mounting Instructions

V1.1

底板安装/拉臂式安装

Installation of bottom plate/Installation of pull bar type



机械安装/Mechanical installation

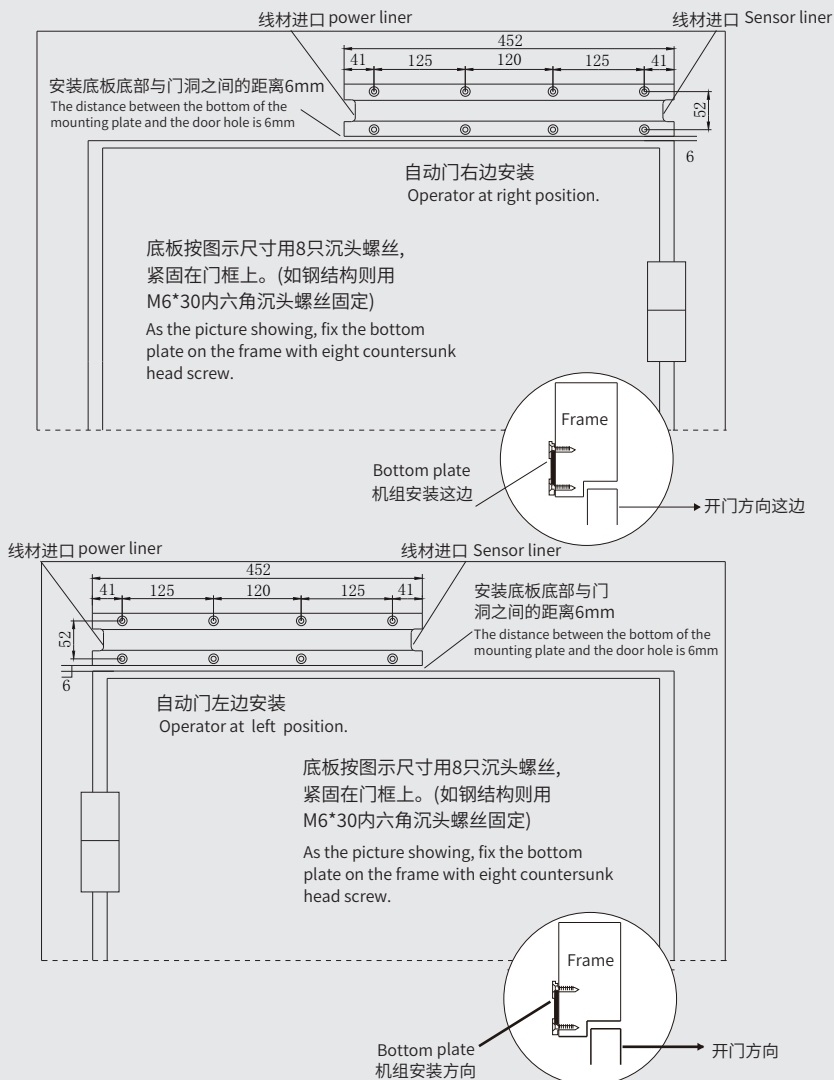
自动安装说明书

Mounting Instructions

V1.1

底板安装/ 推臂式安装

Installation of bottom plate /Installation of push bar type



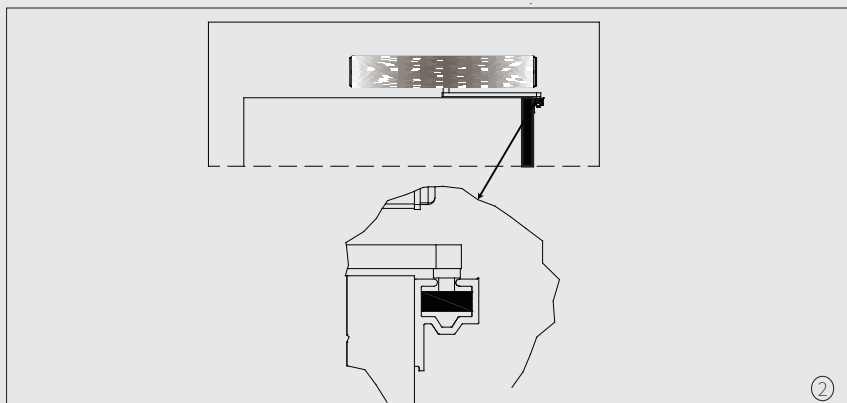
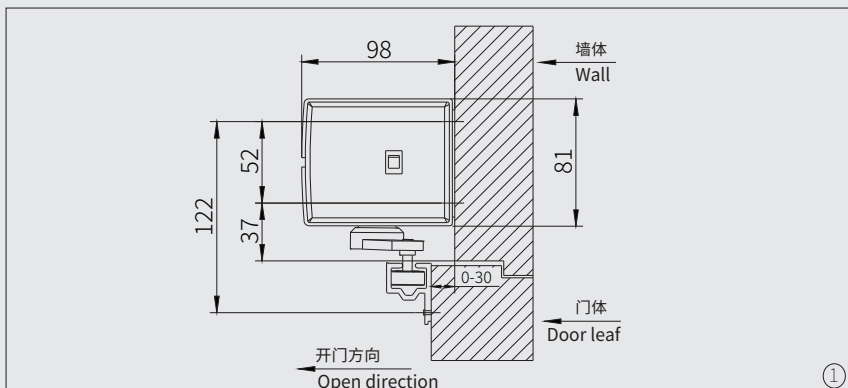
自动安装说明书

Mounting Instructions

V1.1

拉臂的安装 Installation of pull bar

- 1.安装时先将门体打开到90°，将拉臂轮子滑进槽里。
1. Open the door to 90°, slide the pull guide roller into track.
- 2.将拉臂固定座按图2位置摆好。
2. Fix the Pull bar plate as shown.
- 3.上下移动固定座，使轮子处于滑轨槽中间位置，如图1。
3. Move the plate ensure the wheel at the middle position of track as shown.
- 4.保持固定座位置，在靠近门体旋转轴心孔上打上第一颗螺钉。
4. Hold the plate position, fix the first screw near Center of the shaft.
- 5.将门体关上，重复第三步，在另一边打上第二颗螺钉。
5. Close the door, repeat step 3, fix another screw at another side.
- 6.手动开关门几次，看拉臂运行是否流畅，如有阻力再将拉臂固定座进行调整。
6. Manually move the door to ensure pull bar works smoothly, adjustment is requested if any resistance during the operating.
- 7.固定最后一颗螺钉。
7. Fix the last screw.



机械安装/Mechanical installation

自动安装说明书

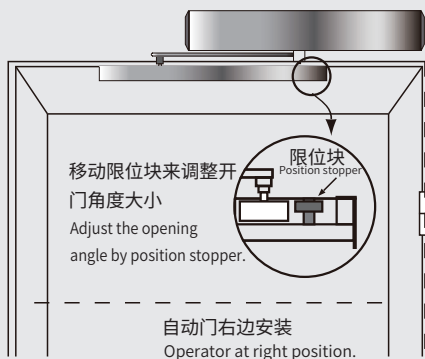
Mounting Instructions

V1.1

拉臂固定座安装

Installation of pull bar guider

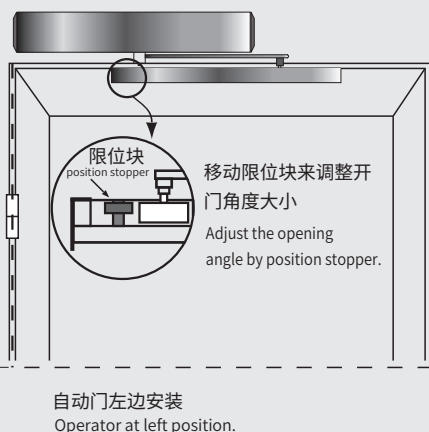
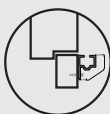
拉臂固定座按图示尺寸用3个自攻螺丝
(M5*16), 紧固在门扇上。
Fix the pull bar on door leaf
with 3 pcs self-tapping screw.



拉臂固定座安装

Installation of pull bar guider

拉臂固定座按图示尺寸用3个自攻螺丝
(M5*16), 紧固在门扇上。
Fix the pull bar on door leaf
with 3 pcs self-tapping screw.

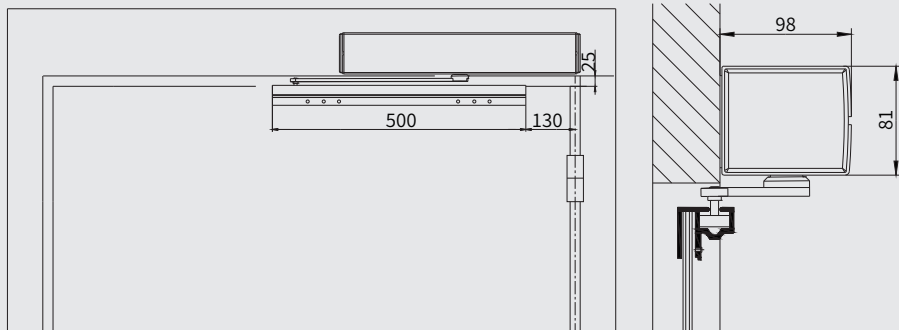


自动安装说明书

Mounting Instructions

V1.1

玻璃拉臂的安装 Installation of pull bar for glass door

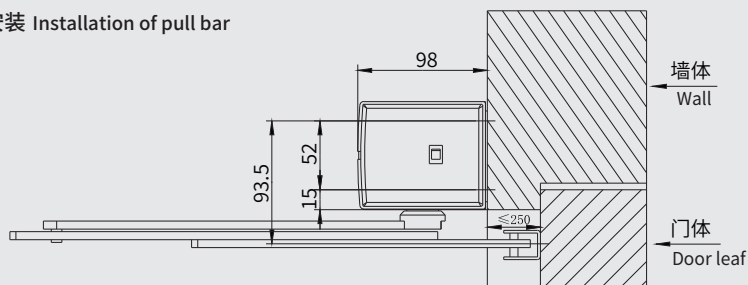


注意:要使用玻璃门滑轨时必须保证玻璃顶部和门洞底部有25mm的间隙

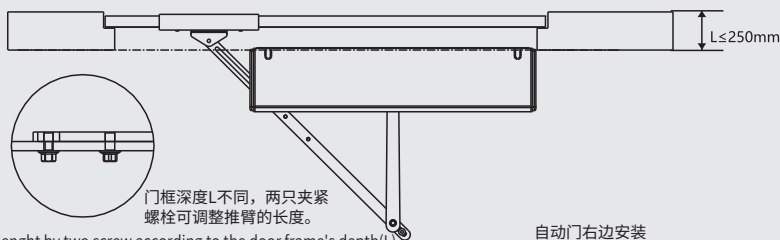
Tip: Ensure 25mm space for glass top to door frame bottom (Glass door installation)

机械安装/Mechanical installation

推臂的安装 Installation of pull bar



纯玻璃门推臂的安装 Installation of push bar for glass door



Adjust the push bar length by two screw according to the door frame's depth(L)

自动门右边安装
Operator at right position.

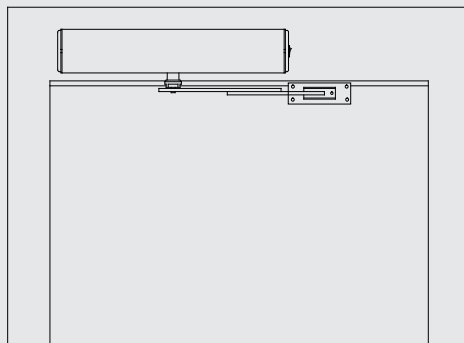
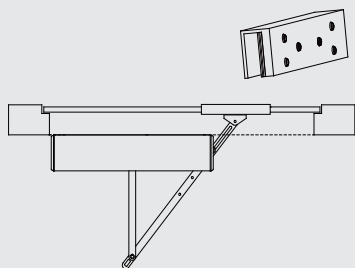
机械安装/Mechanical installation

自动安装说明书

Mounting Instructions

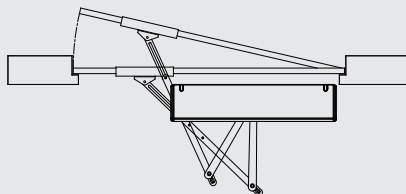
V1.1

■ 玻璃门推臂固定夹的安装 Installation of Glass clamp for push bar



注意:要使用玻璃门推臂时必须保证玻璃顶部和门洞底部有10mm的间隙

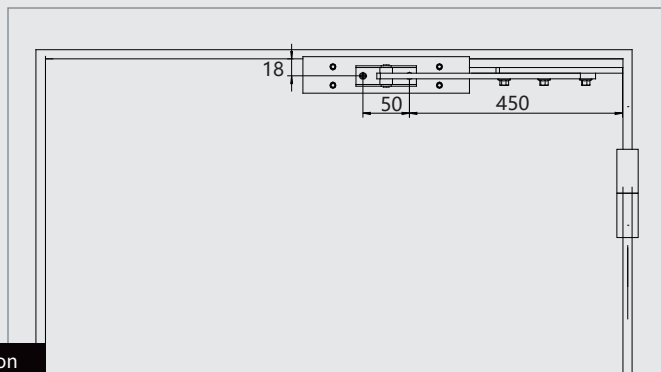
Note: make sure there is a 10mm gap between the top of the glass and the bottom of the door when using the push arm of the glass door



注意:

推臂玻璃固定夹按图
示尺寸用4个堵头螺丝
(M6*12), 紧固在门翼
上。

Tip: The glass clamp of
the push arm shall be
fastened on the door
wing with 4 plug screws
(M6*12) as shown in the
figure



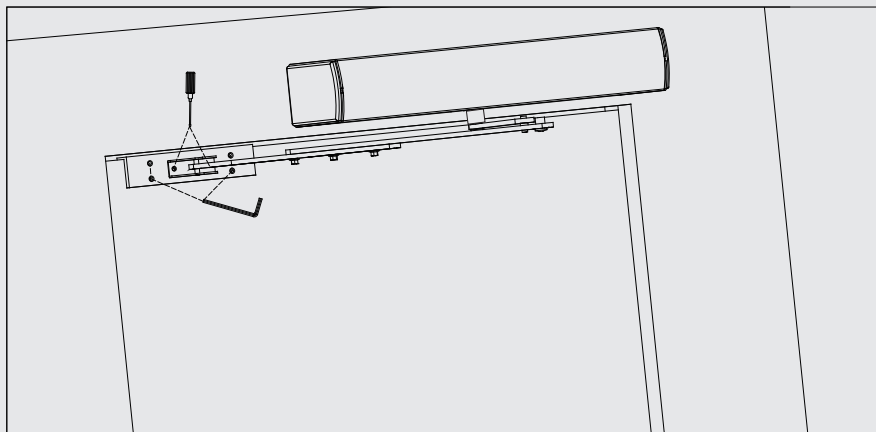
机械安装/Mechanical installation

自动安装说明书

Mounting Instructions

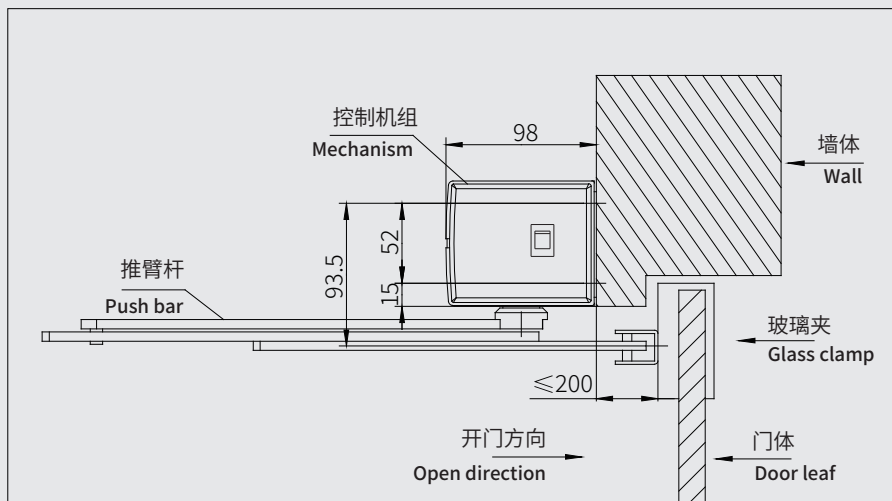
V1.1

■ 玻璃门推臂固定夹的安装 Installation of Glass clamp for push bar



注意:将垫片和玻璃夹用4个堵头螺丝(M6*12),紧固在玻璃门上。推臂固定座用2个螺丝(M5*10),紧固在玻璃夹上

Fix the glass clamp and spacer with 4 screw (M6*12) tightly on glass door. install the fix plate of push bar with 2 screw (M5*8) on glass clamp.



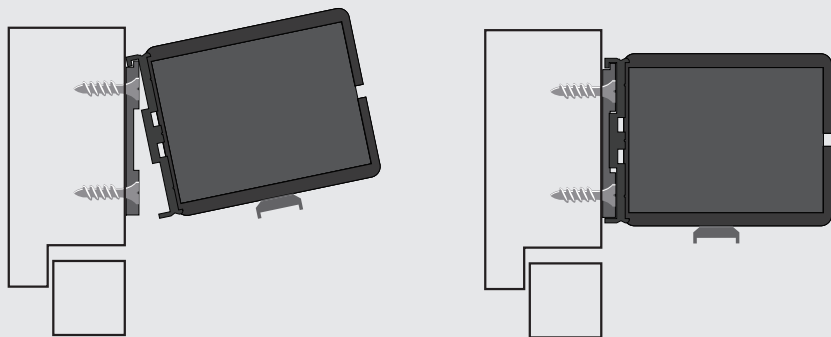
机械安装/Mechanical installation

自动安装说明书

Mounting Instructions

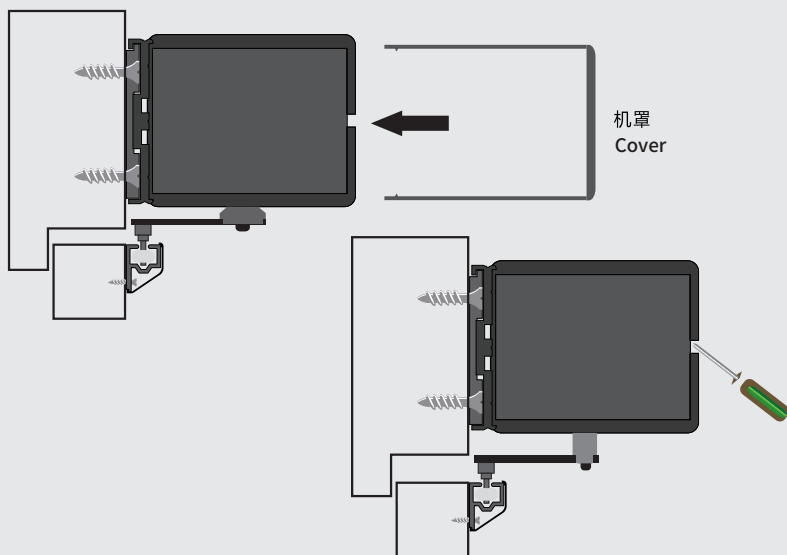
V1.1

■ 驱动装置的安装 Mechanism installation



将驱动系统按图示钩挂在已安装好的底板上,用8个内六角圆柱头螺丝紧固
Hang the mechanism on the fixed base cover with screws.

■ 机罩的安装与拆卸 Assemble and disassemble of the mechanism up cover

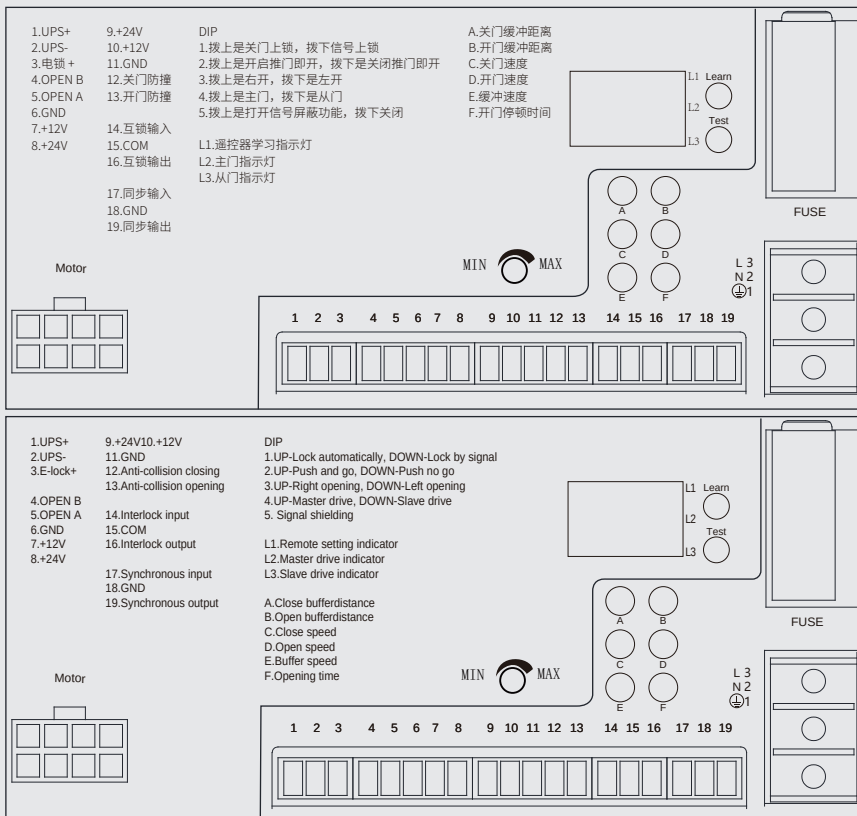


机械安装/Mechanical installation

自动安装说明书

Mounting Instructions

V1.1



关门缓冲距离顺时针方向距离变大

Close buffer distance: Distance increase clockwise

开门缓冲距离顺时针方向距离变大

Open buffer distance: Distance increase clockwise

开门速度 顺时针方向速度变快

Open speed: Open speed increase clockwise

关门速度 顺时针方向速度变快

Close speed: Close speed increase clockwise

缓冲速度 顺时针方向速度变快

Buffer speed: Buffer speed increase clockwise

开门保持时间 顺时针方向时间变长0-20S可调

Open hold time: Hold time increase clockwise (0-20s adjustable)

电气连接/Wire diagram

自动安装说明书

Mounting Instructions

V1.1

开关设置(DIP):设置后，切断电源，重新启动生效。

DIP switch: The selection of dip only make sense after restart system

1.电锁开关:拨上时每次关到关门位置时自动上锁，拨下时电插锁需要锁信号才能锁。

1.E-LOCK:UP-Lock automatically Down-Lock by signal

2.推门即开开关:拨上是开启推门即开，拨下是关闭推门即开。

2.Push and go : UP: Active Down: Disable

3.左右开关:拨上是右开，拨下是左开(学习方式:将门体推到打开一半的位置，接通电源，门体关闭则拨码位置正确；若门体打开则将第三个拨码开关反向调节，然后重复上述操作。)

3.Learning method: Push the door to the halfway open position, power on, and if the door body closes, the code position is correct; if the door is keep open, reverse the no.3 DIP switch, and then repeat the above operation.)

4.主从开关:双门同步时主动门拨上，从动门拨下。

4.Master and slave :UP-Master drive ,Down-Slave drive

5.拨上是开启信号屏蔽功能，拨下关闭。

5. UP- Turn on, Down- Turn off

注：屏蔽功能开启后，只屏蔽Open B开门信号，Open A开门信号依然可以开门。

Note: When turn on the signal shielding function, "Open B" won't wokig; "Open A" still can working

按钮开关 Button on the controller

Test: 测试按钮，按一次完成一次开关门动作

Test:Test button, Press to active one open-close round

Learn: 遥控学习按键

Learn :Remote setting button

LED 指示灯 LED Indicator

L1.遥控器学习指示灯(蓝色)

L1:Indicator of remote setting(Blue)

L2.从门指示灯，从门时4秒闪一次（绿色）

L2:Slave drive indicator,Led flash once in 4 second(Green)

L3.主门指示灯，主门时4秒闪一次（红色）

L3:Master drive indicator, Led flash once in 4second(Red)

双门互锁 Inter lock



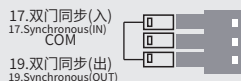
双门同步 Synchronous



注意：如果没有接同步线或者接错了控制器会报警，蜂鸣器不叫，四秒内红绿led灯一起闪3次。

Attention: Controller will alarm while synchronous line not connect or wrong connect buzzer will not bip, red and green led will flash 3 times within 4 second

单开时需将控制器17和19短接 In single mode: bridge connect terminal 17 and 19



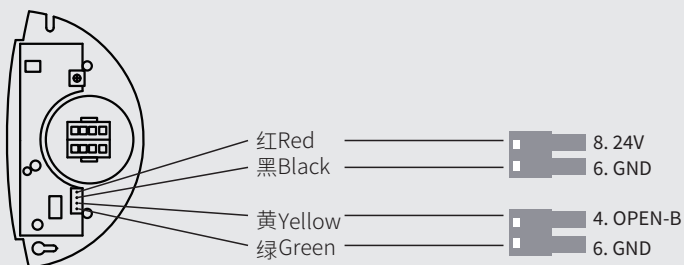
电气连接/Wire diagram

自动安装说明书

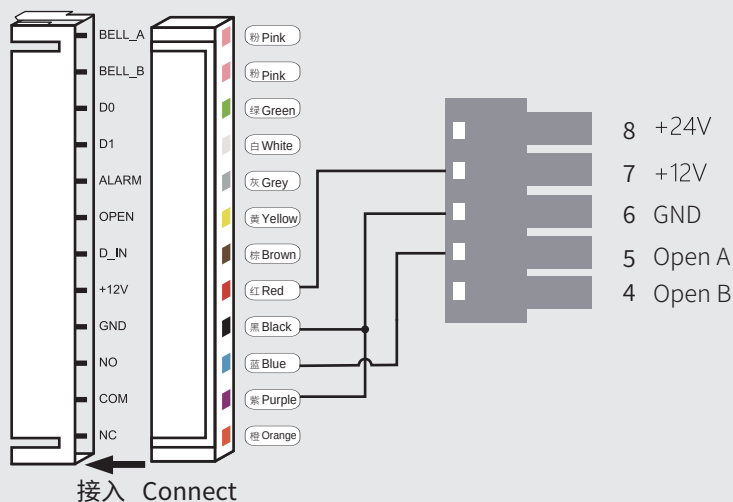
Mounting Instructions

V1.1

微波传感器 Microwave sensor



刷卡器连接 Access keypad



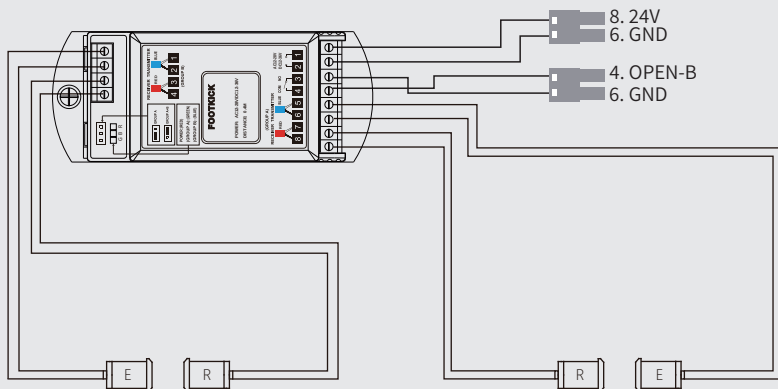
电气连接/Wire diagram

自动安装说明书

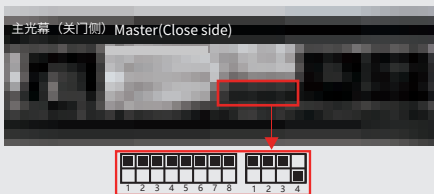
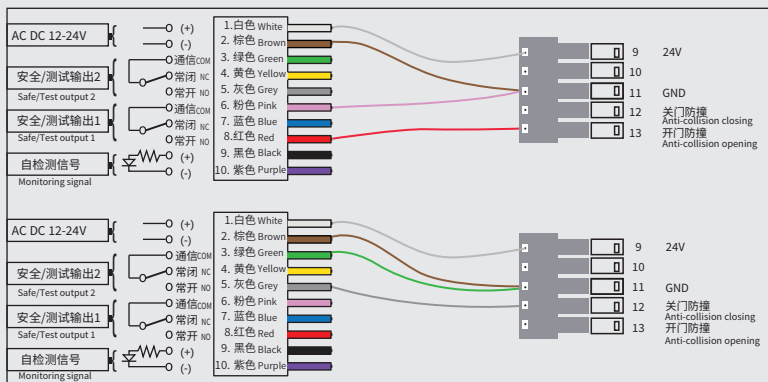
Mounting Instructions

V1.1

脚踏开关 Footkick sensor



非自检测开/关门防撞连线 Wiring diagram of Top scan sensor (Turn off monitoring function)



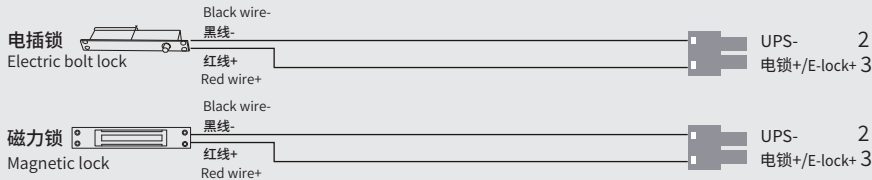
电气连接/Wire diagram

自动安装说明书

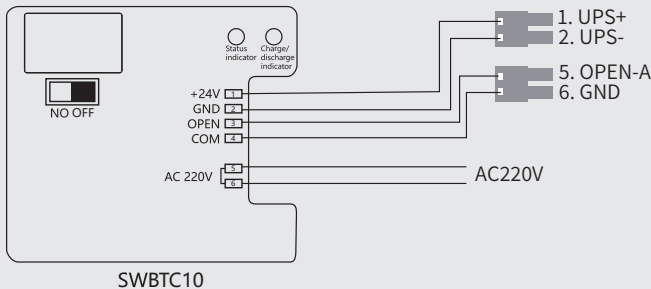
Mounting Instructions

V1.1

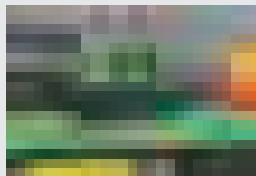
电插锁、磁力锁的连接 Connection of E-lock



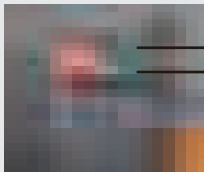
后备电池的连接 Back up battery (Lithium battery)



内置接收模块 Built-receiver



接收模块
receiver module



学习按键
Learning button

Learn
Test



遥控发射器
Remote control
transmitter

A: 点动 B: 常开
C: 全锁 D: 自动

A: Open&Close
B: Full Open
C: Lock
D: Auto

自动安装说明书

Mounting Instructions

V1.1

LED灯信息反馈 LED instructions

特殊说明 Special Note:

1. 内置接收器，只需另配4键遥控器，可实现“点动”“常开”“全锁”“自动”功能，也可配置PB04 (无线手压开关)PB21(无线手感应开关)，实现开门功能，控制器全锁时，PBO4/PB21依然可以开门。
1. Built-in receiver. Just an additional 4-key remote control is required. It can achieve "Open&Close", "Full Open", "Lock", and "Auto" functions. PB04 (wireless push button) and PB21 (wireless hand sensor) can also be configured to realize the opening function. When the controller is in full lock mode, PBO4/PB21 can still open the door.
2. 要实现锁外功能，只需将门外配件的信号线接在OPEN-B，门内配件的信号线接在OPEN-A，此时按全锁按钮，就实现了锁外功能。(全锁信号只锁OPEN-B，不锁OPENA)
2. To achieve the "EXIT ONLY" function, connect the signal wire of the external accessory to OPEN-B, and the signal wire of the internal accessory to OPEN-A. At this point, when you press the "Lock" button, the "EXIT ONLY" will be realized. (The full-lock signal only locks OPEN-B, but does not lock OPEN-A.)
3. 作双开时，按说明书接双门同步信号线。上电，确保两扇门控制器所有参数一样开门调试，若存在快慢现象，可微调开关门速度、开关门缓冲速度，开门停顿时间等。
3. As double open, connect the synchronous signal wires for the two machines according to the instructions. Before power on, Ensure that all parameters of the two controllers are the same. If two door opening time different, it can be finely adjusted for speed, buffer distance speed, hold-time etc.
4. 作双开时，遥控发射器只需与主门进行学习即可。
4. As double open, the remote only need to be learned with the Master door controller.
5. 作双开时，只需将开门信号接到主门上即可。
5. As double open, The opening signal only need to be connect with the Master door controller.

双开门 Double open		
	主门 Master drive	从门 Slave drive
正常工作 Normal working	红色灯4秒闪一次,绿灯不亮 Red Red flash every 4seconds,Meanwhile Green led off	绿色灯4秒闪一次，红灯不亮 Green Led flash every 4seconds, Meanwhile Red led off
学习时 Learning mode	四秒内红色灯亮2秒灭2秒,绿灯不亮 Red Led on 2seconds,Off2secondswithin 4 seconds, Meanwhile GreenLed off	四秒内绿色灯亮2秒灭2秒，红灯不亮 Green Led on 2seconds, Off 2 secondswithin 4 seconds, Meanwhile Red led off
都设置为主门或者从门了 Set both operator as maindrive or slave drive		蜂鸣器不叫，四秒内红绿led灯一起闪2次 Buzzer not bip , Red and green led flash 2times within 4seconds
没有接同步线或者接错 Not connect synchronousline or wrong connect		蜂鸣器不叫，四秒内红绿led灯一起闪3次 Buzzer not bip, Red and green led flash 3times within 4seconds
单开门 Single open		
正常工作 Normal working	Led灯 红绿交替亮（1秒交替1次：红色亮同时绿灯灭1秒，接着红灯灭 同时绿灯亮1秒） Red and green LED alternately brighten.Red led light up while greenoff 1second, then Green led light up while red off 1seconds	
学习时 Learning mode	Led灯 红绿交替亮（2秒交替1次：红色亮同时绿灯灭2秒，接着红灯灭同时绿灯亮2秒） Red and green LED alternately brighten,Red led light up while greenoff 2second,then Green led light up while red off 2seconds	

过流保护 蜂鸣器 一秒叫一声，四秒内 红绿led灯一起闪5次
Overcurrent protection Buzzer bip each 1 second, Red led and green led flash 5 times together within 4seconds

电机有问题 蜂鸣器 二秒叫一声，四秒内红绿led灯一起闪4次
Motor problem Buzzer bip each 2 seconds, Red led and green led flash 4 times together within 4seconds

电气连接/Wire diagram

自动安装说明书

Mounting Instructions

V1.1

合格证

Certificate of Quality

产品名称: 自动门动力装置
Product Name: _____

规格型号: XS110
Specification Model: _____

检验员:
Inspector: _____

检验日期:
Inspect Date: _____

保修卡

Warranty Card

产品型号/Model: _____ 经销商名称 (盖章) /Dealer (stamp): _____

经销商地址/Dealer 's address: _____ 购买日期/Purchase date: _____

- 自购买当日起12个月内, 客户享有免费维修服务。
 - 在下列情况下, 本保修卡将会自动失效:
 - 超出使用范围, 例如过载超出机组的最大承重。
 - 外部环境因素导致的故障, 例如输入电压不稳定, 自然灾害等。
 - 人为原因导致的故障, 例如搬运、安装失误造成的损坏。
 - 产品被非本公司技术人员修理或者改造。
 - 易损部件滑轮、同步带不属于保修范围。
 - 本公司将不负责由组件损坏而直接或间接导致损失。
 - 超过保修期, 本公司将收取合理费用提供维修服务。
 - 保修服务只在中国地区。
 - 本公司保留修改条款的权利, 不另行通知。
- Our company will provide guarantee service within 12 months.
 - As the following conditions, the guarantee service will not be provided:
 - Beyond the capability, for example the door leaf weight is too high.
 - Outside situation, such as the input power is not stable.
 - Installer's problem, for example damage when transport, mistake installation.
 - Open the controller not by our engineer.
 - Any loose parts case the damage is not included in guarantee service.
 - Beyond the guarantee period, customers need to pay for the service.
 - Guarantee service works only in China.
 - Our company has right to amend the terms of guarantee without another notice.