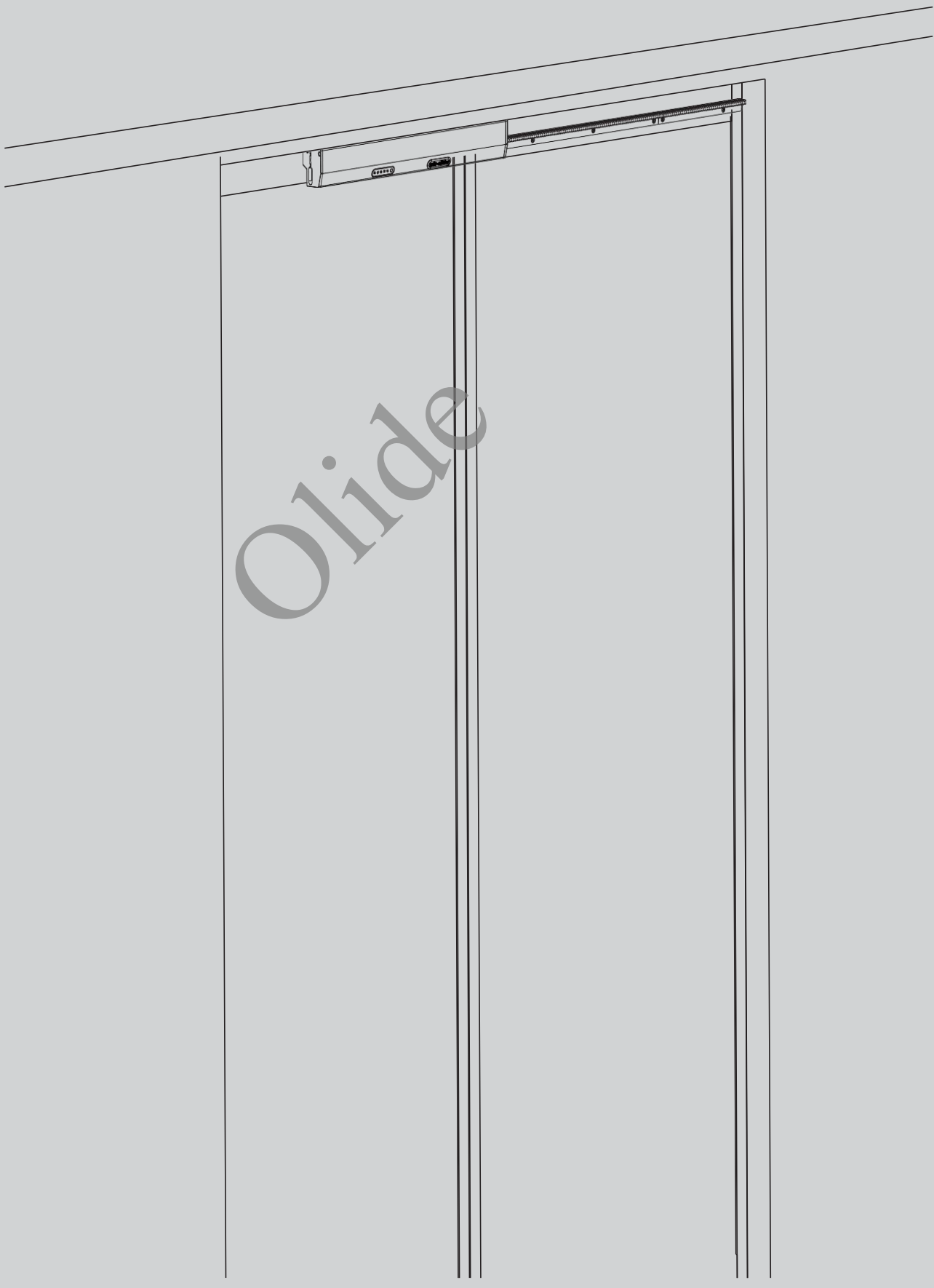
Installation Manual

Sliding door opener



Product character

1. Easy to install, without changing the existing door structure.
2. Compact size, nice appearance with a modern design.
3. System can work with sensors, remote controls, push buttons and more.
4. Window and door modes can be switched arbitrarily.
5. 433.92hz module，can work with smart-home systems

Application

A. Kitchen and balcony doors.
B. Offices, store fronts and hallways.
C. French window or other sliding window.

Olide

Technical parameter

Power supply：	100-240V
MAX Weight：	176 pounds
MAX width：	16 feet
Standard track：	39.38"，Length can be customized
Color：	White/Black
Length of track：	19" per piece
Product weight：	6.6 pounds
Product measurement：	19.3" x 2.8" x 2.5"

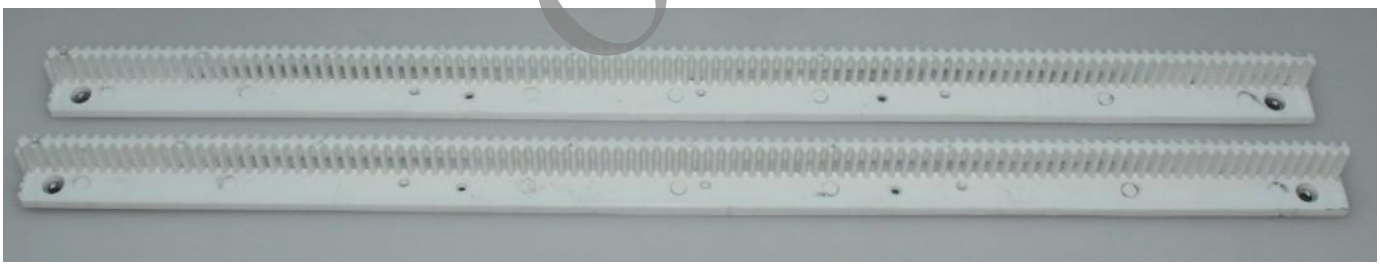
Spare parts introduction

Cover

Drive unit

Olide

Track



Wall mounted wireless push buttons

Power pack

End cap of track

Mounting bracket

Screws

3mm Allen key

Screw Driver

Olide

Install tools

Saw

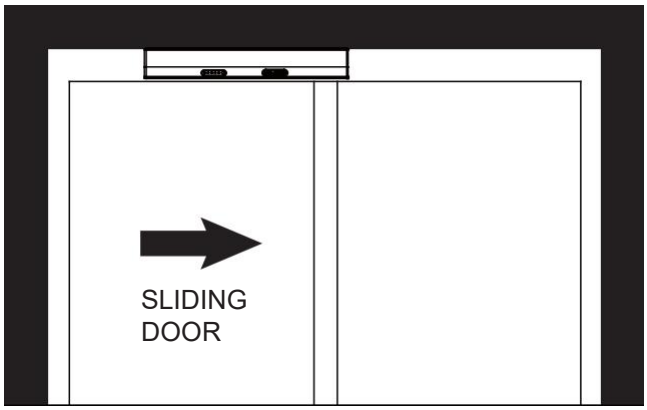
Cordless Driver

Pencil

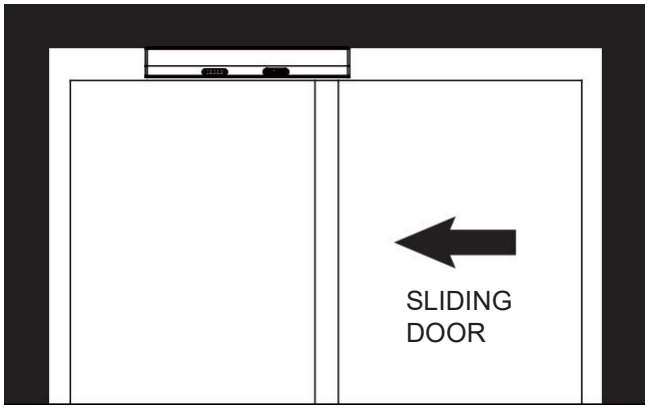
Installation

https://www.youtube.com/watch?v=GeGlObpxFt8

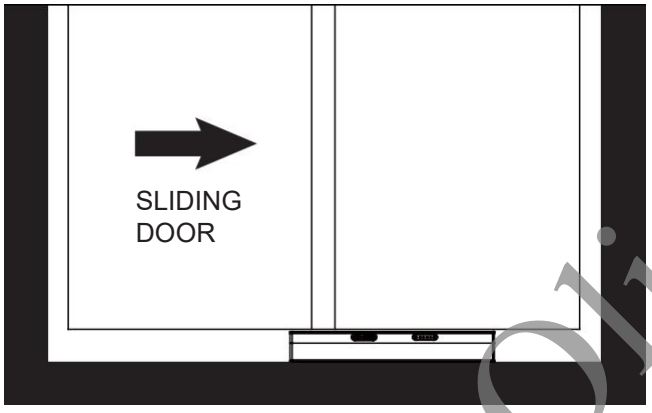
Top mounting1：System install on the top of window,Left window is moving part



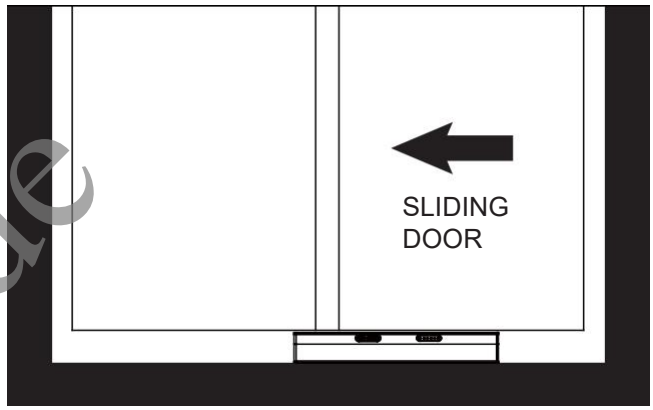
Top mounting 2： System install on the top of window,right window is moving part



Bottom mounting1：System install at the bottom of window，left window is moving part



Bottom mounting2：System install at the bottom of window，right window is moving part

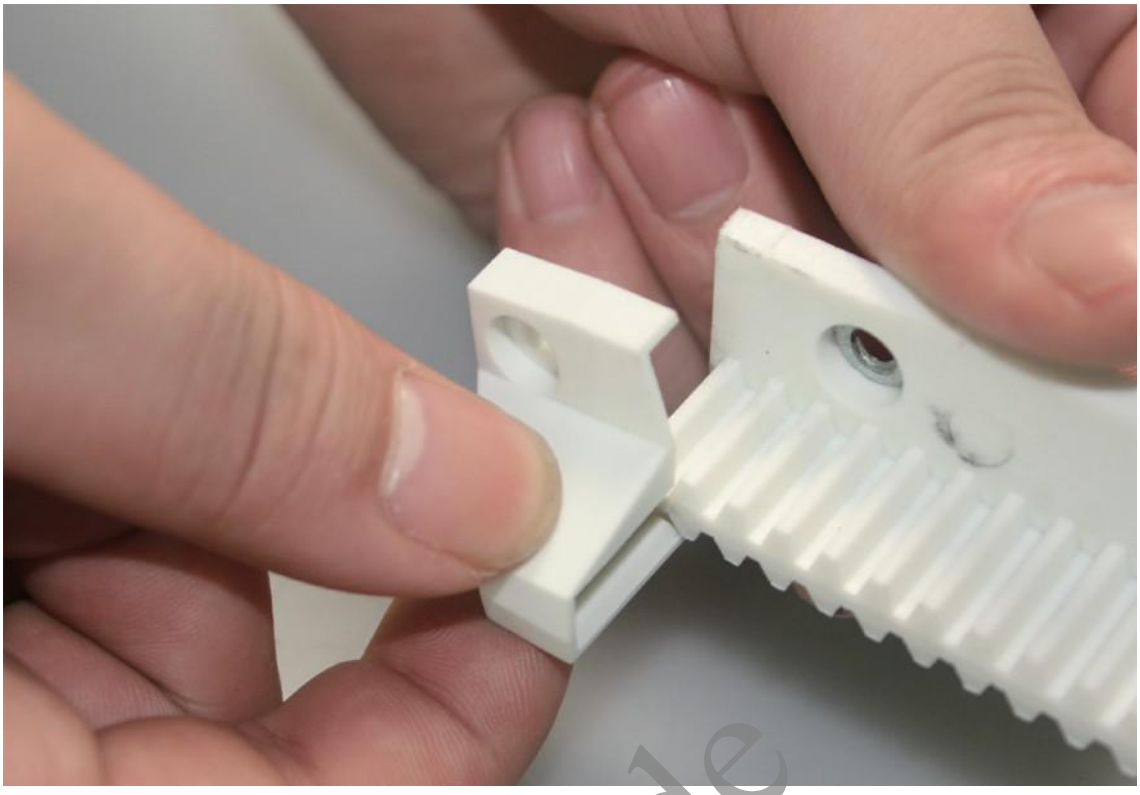


Qide

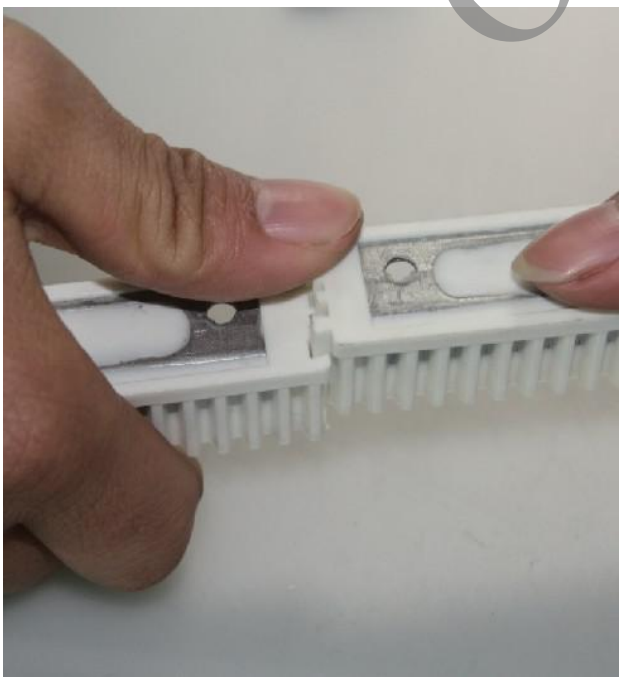
Application of mounting bracket

Track selection

- Put the cap on the track of close direction



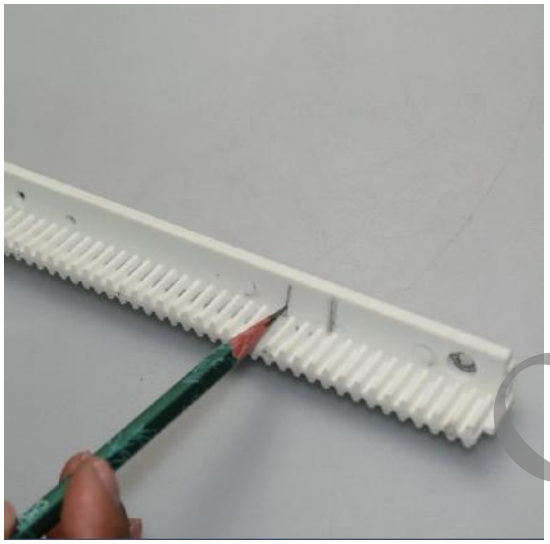
- Connect the 2 tracks together when door/window width is over 19.6". Use a hammer to make sure the connection is flat and straight.



Olide

• Put the track to the top or bottom of door and window edge， and mark the width of the door or window by pencil

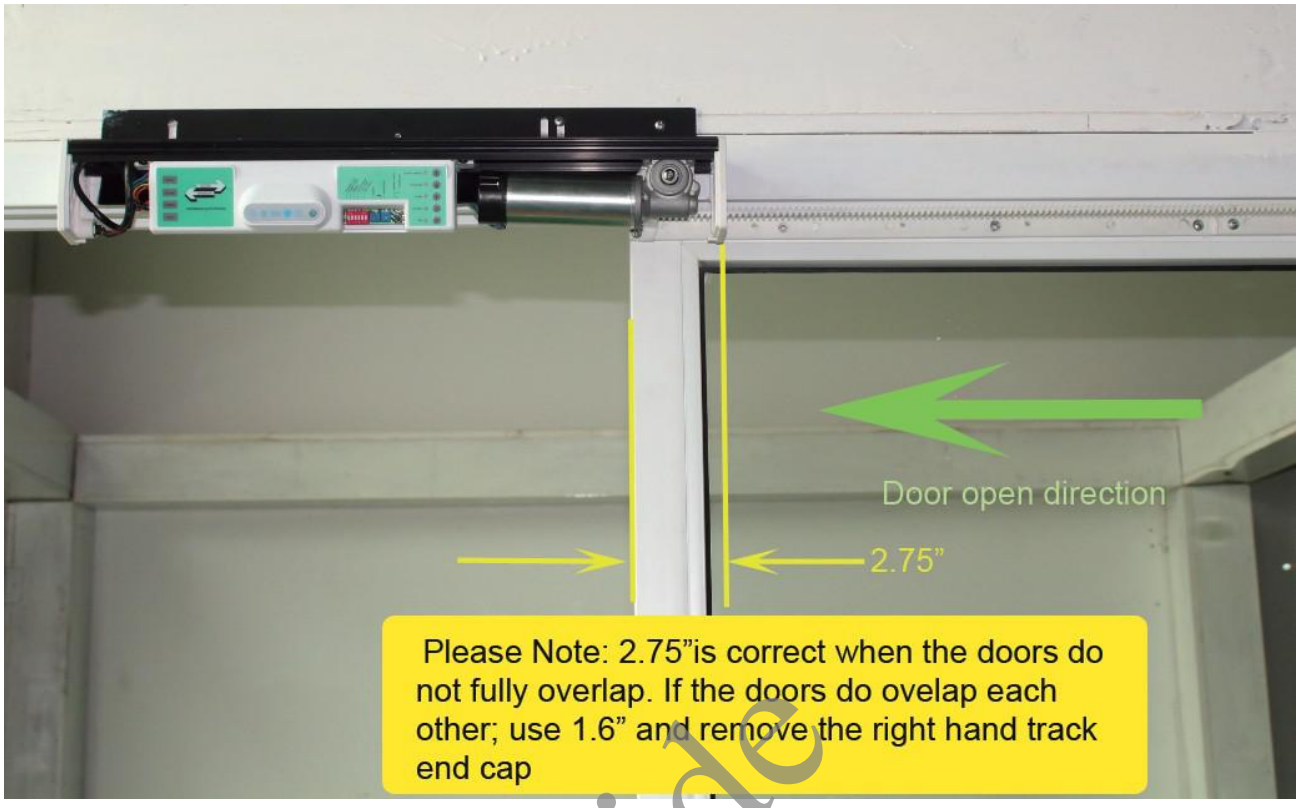
• Deduct 3 teeth and cut with a saw for the end cap from the previous mark.
If the end cap is not used, you do not need to deduct 3 teeth.



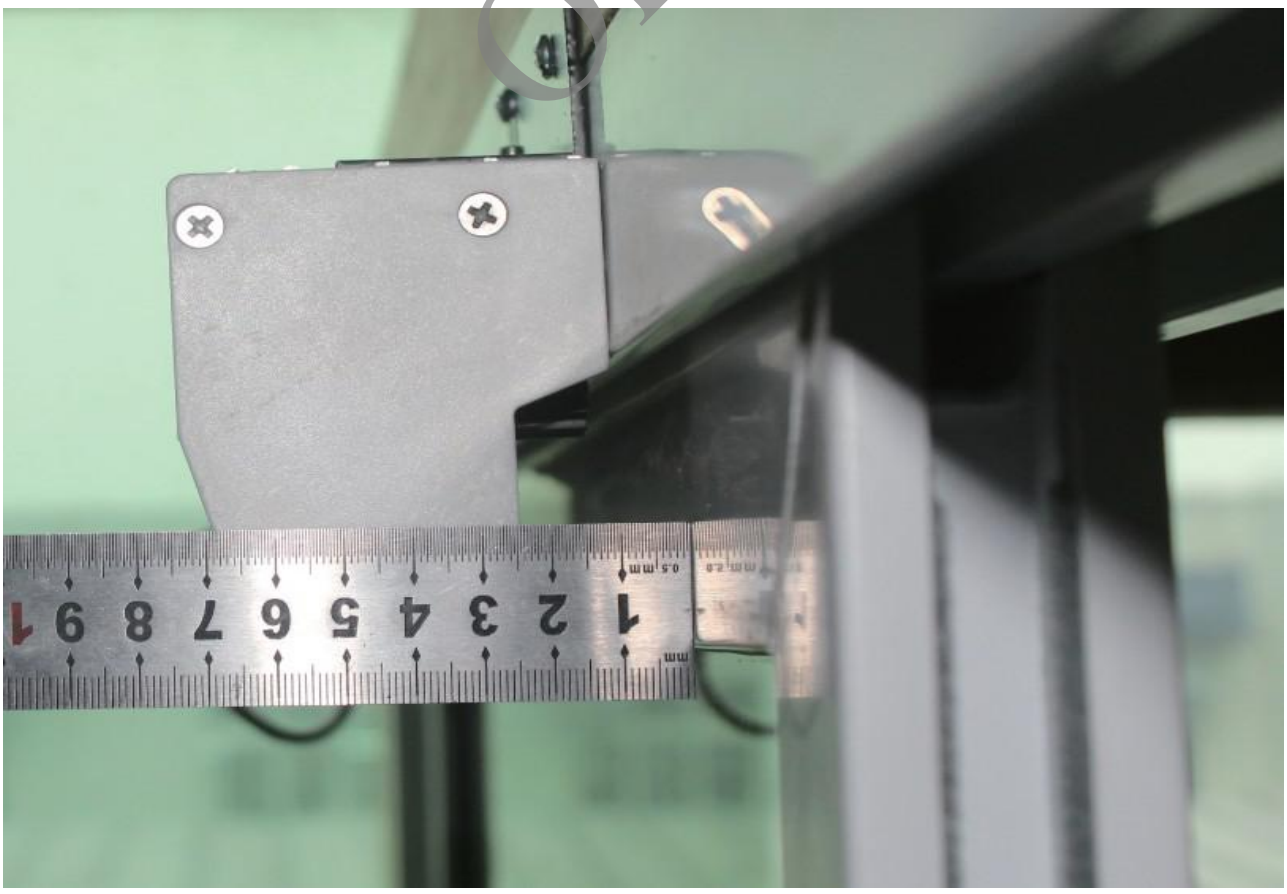
• Installed track

Installation of the main assembly bracket:

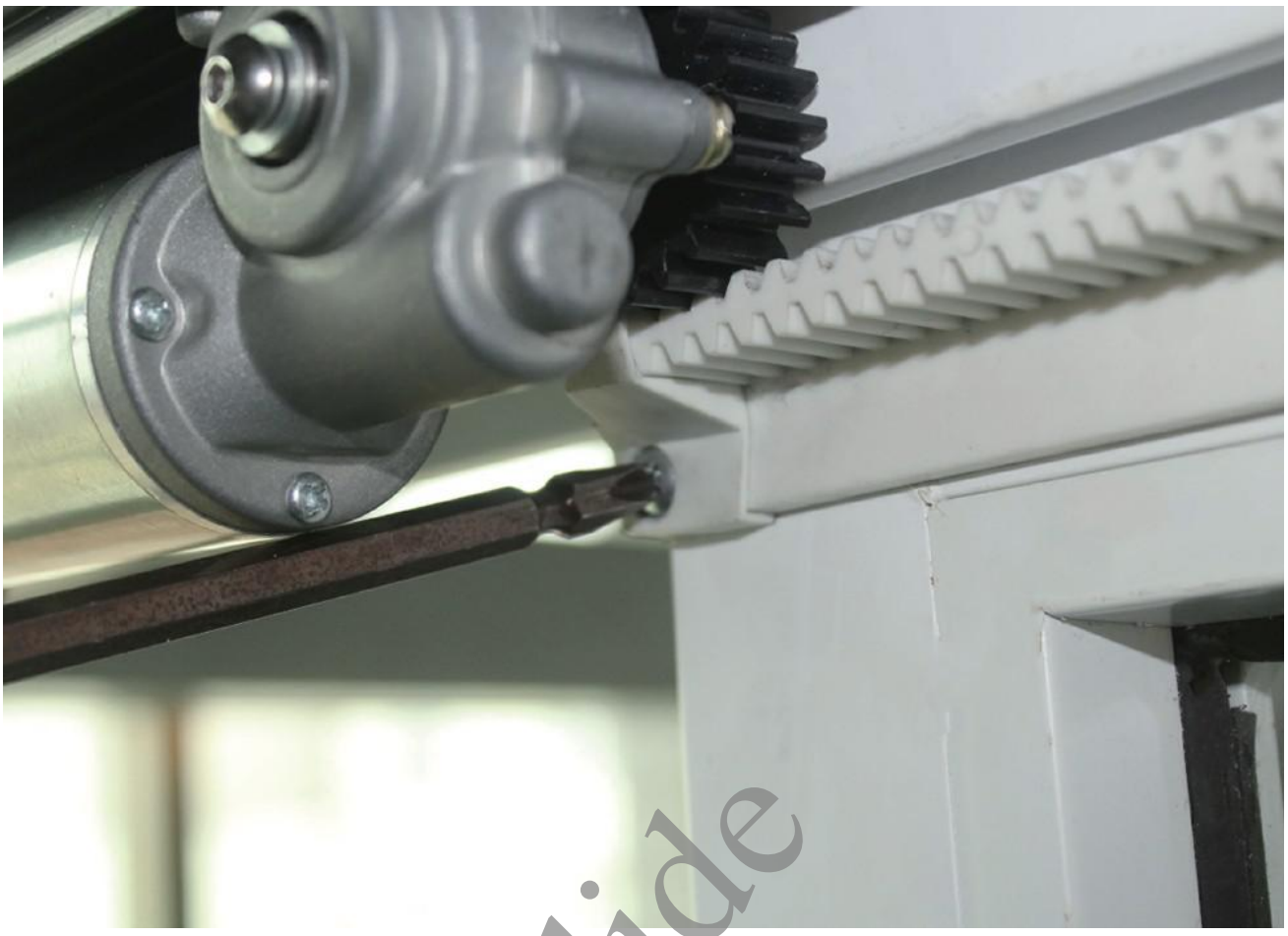
• Put the assembly on to the top of door frame when door is fully closed, locate the assembly about 2.75" from the center line of the entire door

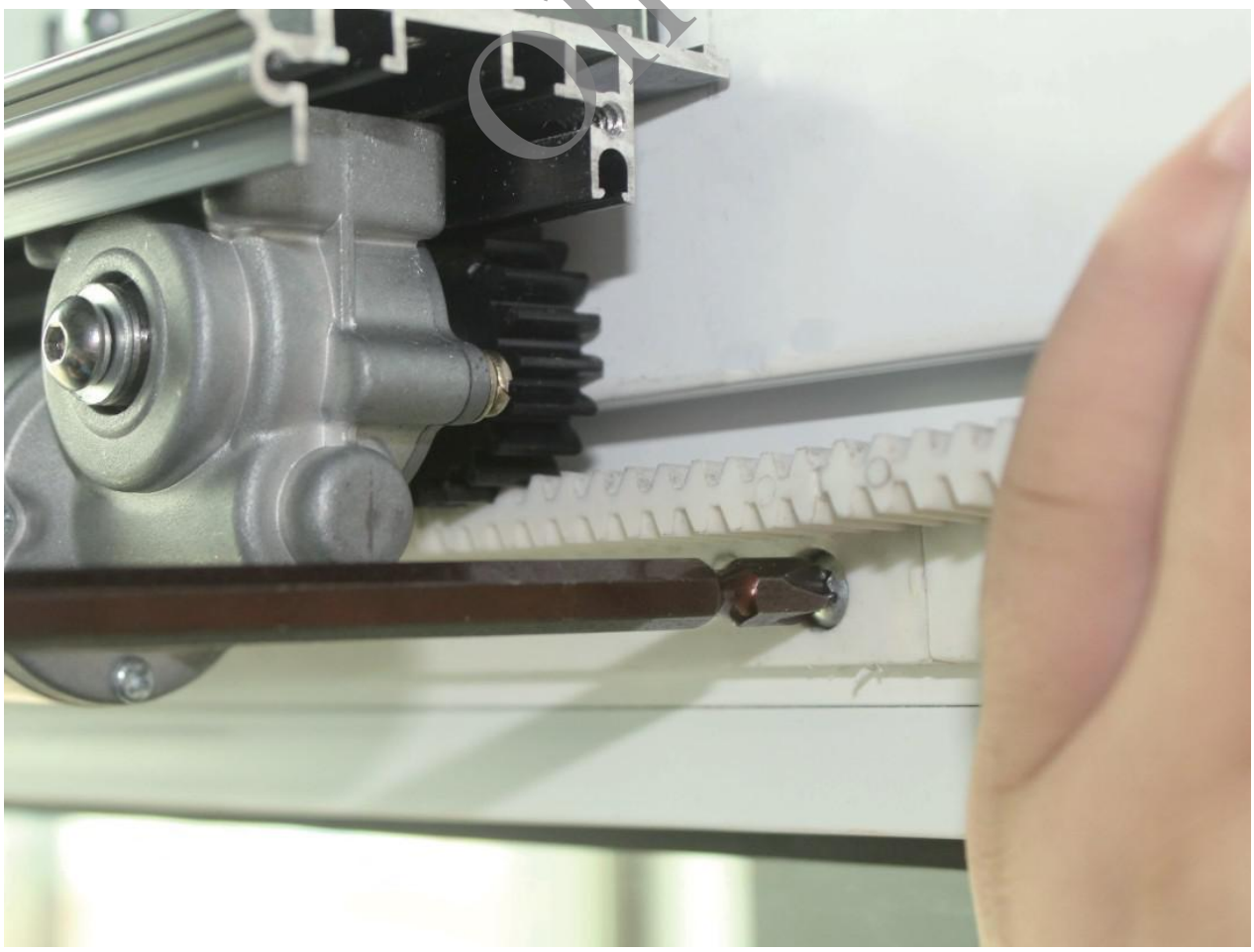


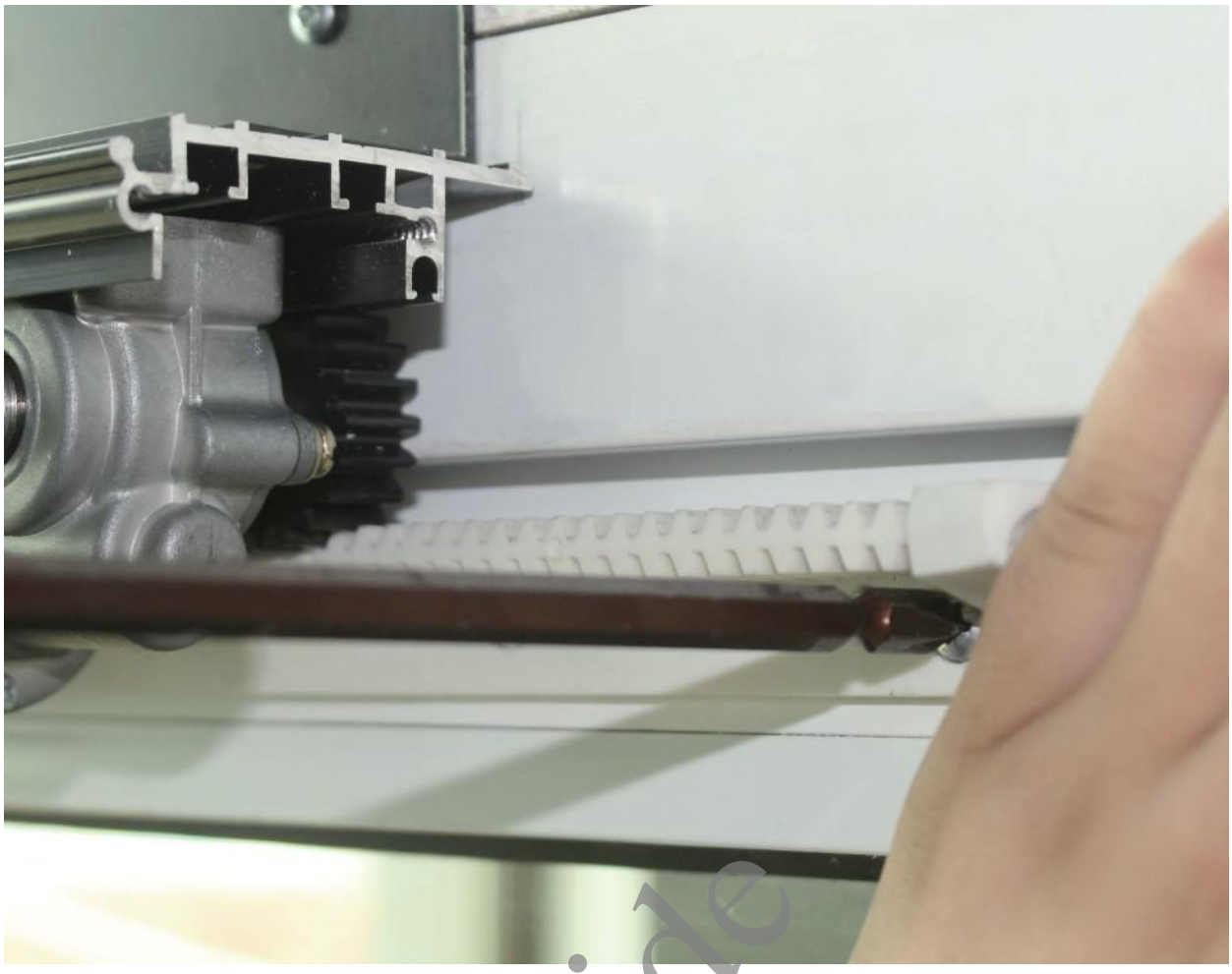
• Position the main assembly according to your measurement mark, leaving 1" distance between system and the door leaf, then attach to the mounting bracket.

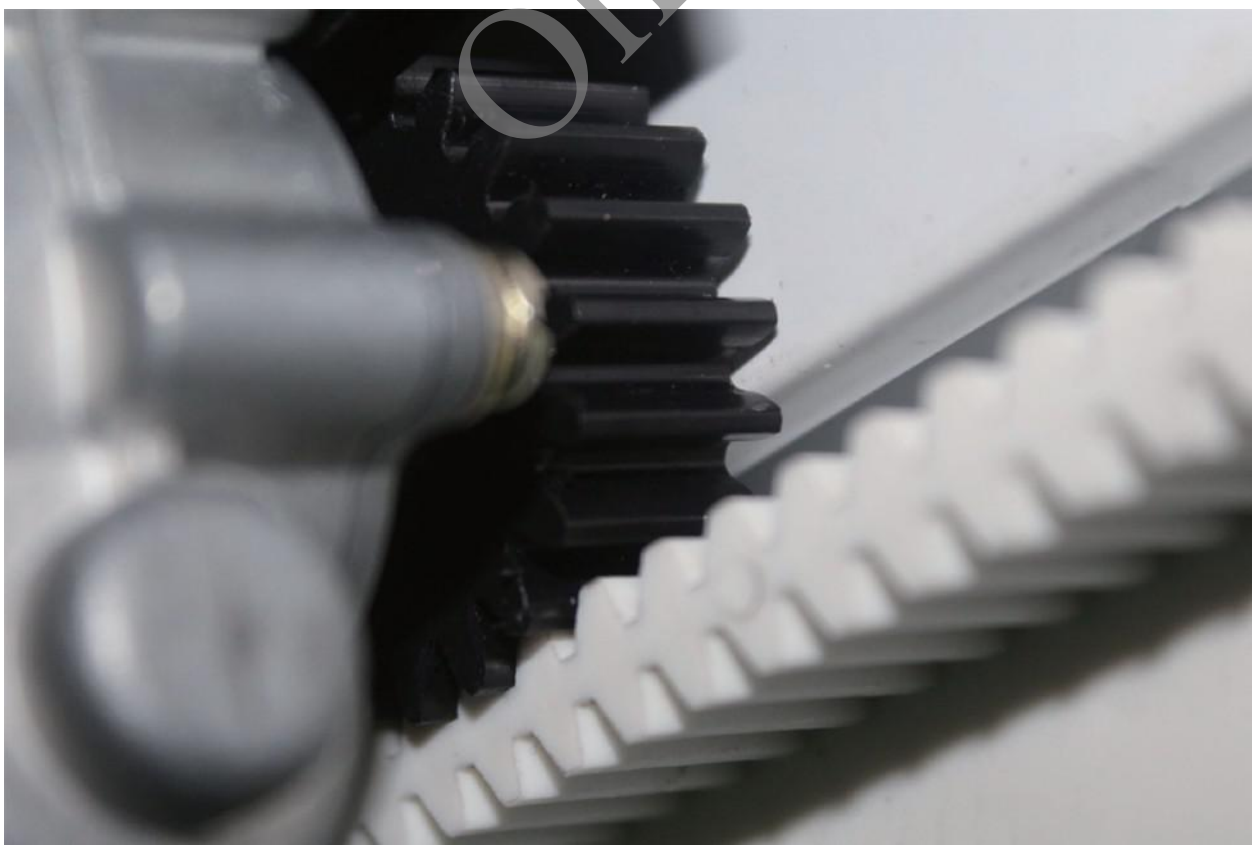


• Put the connected track at the opposite leaf, and adjust the position for the gear and track to fit correctly.



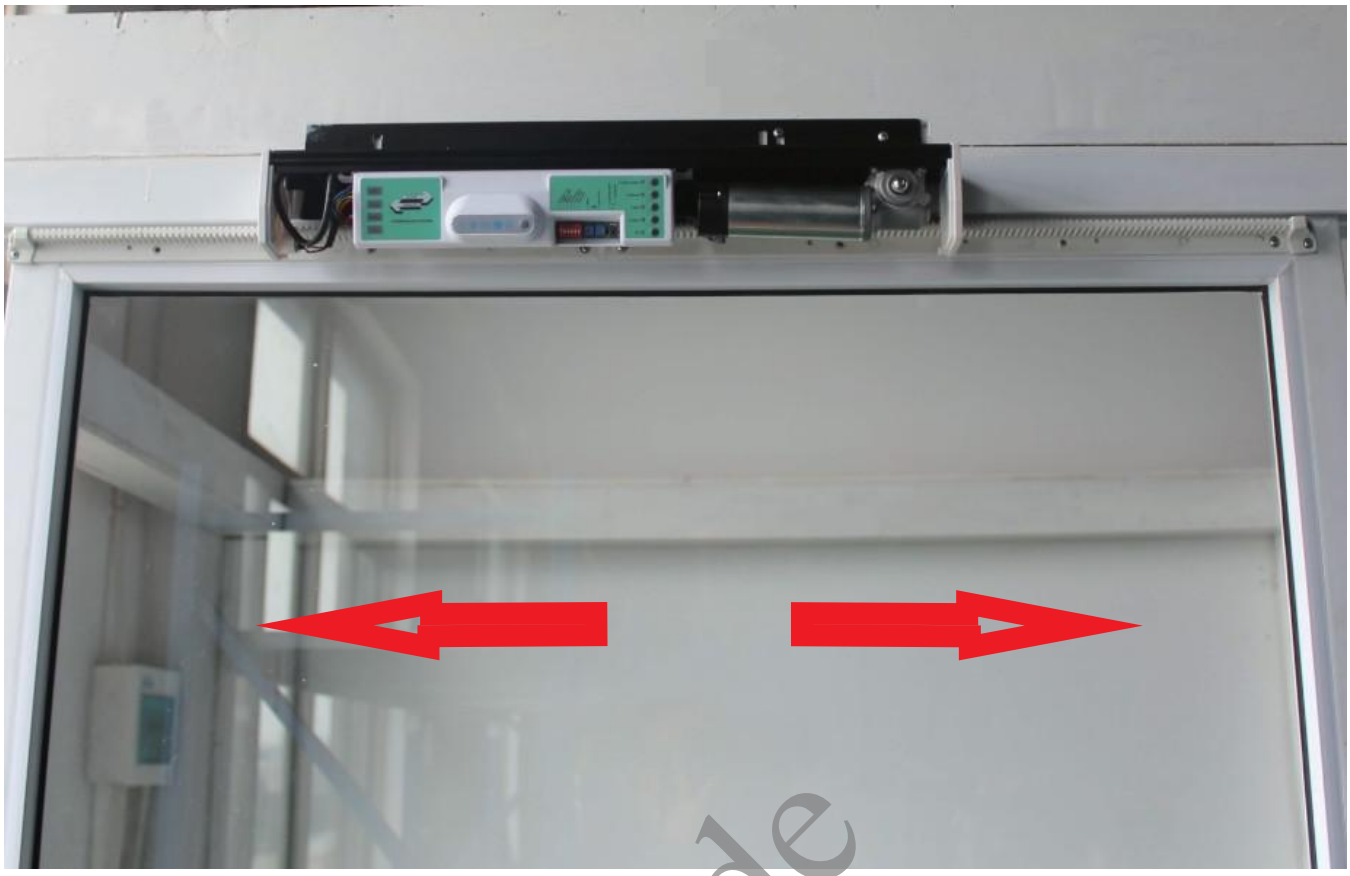






Olide

• Move the door leaf to make sure that there is as little resistance as possible. Ensure the door moves smoothly without binding.



Olide

• Mount the wireless button at your desired position.

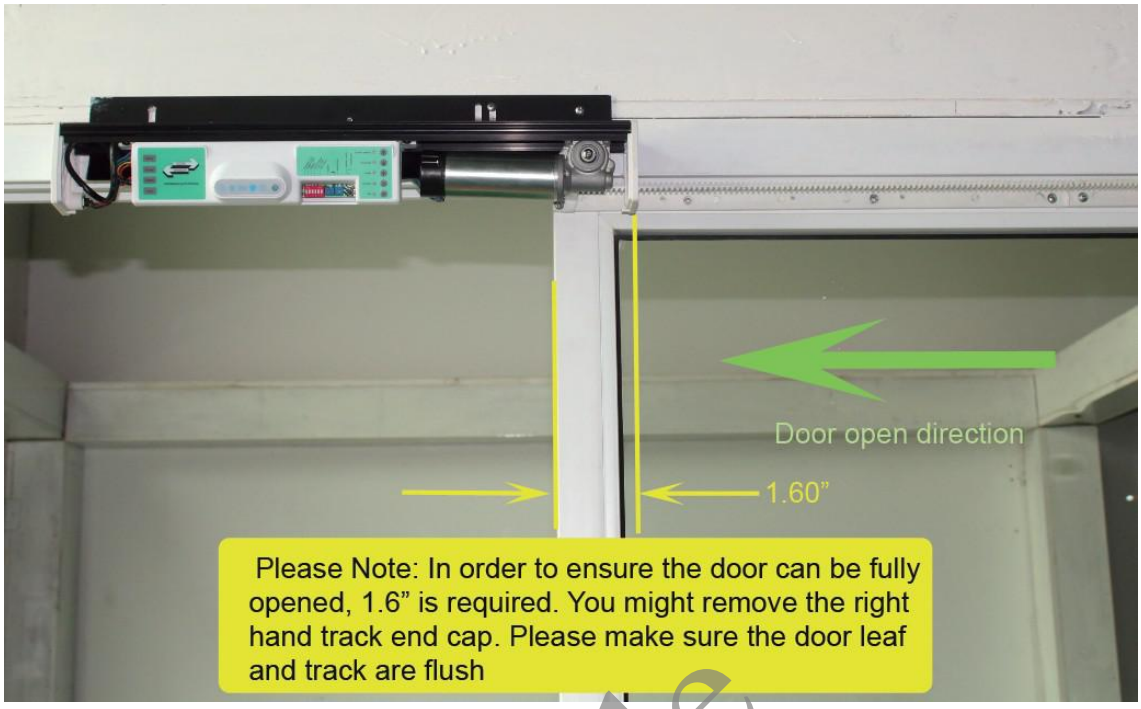
- Power on to test the system

- Replace the cover after testing.

Olide

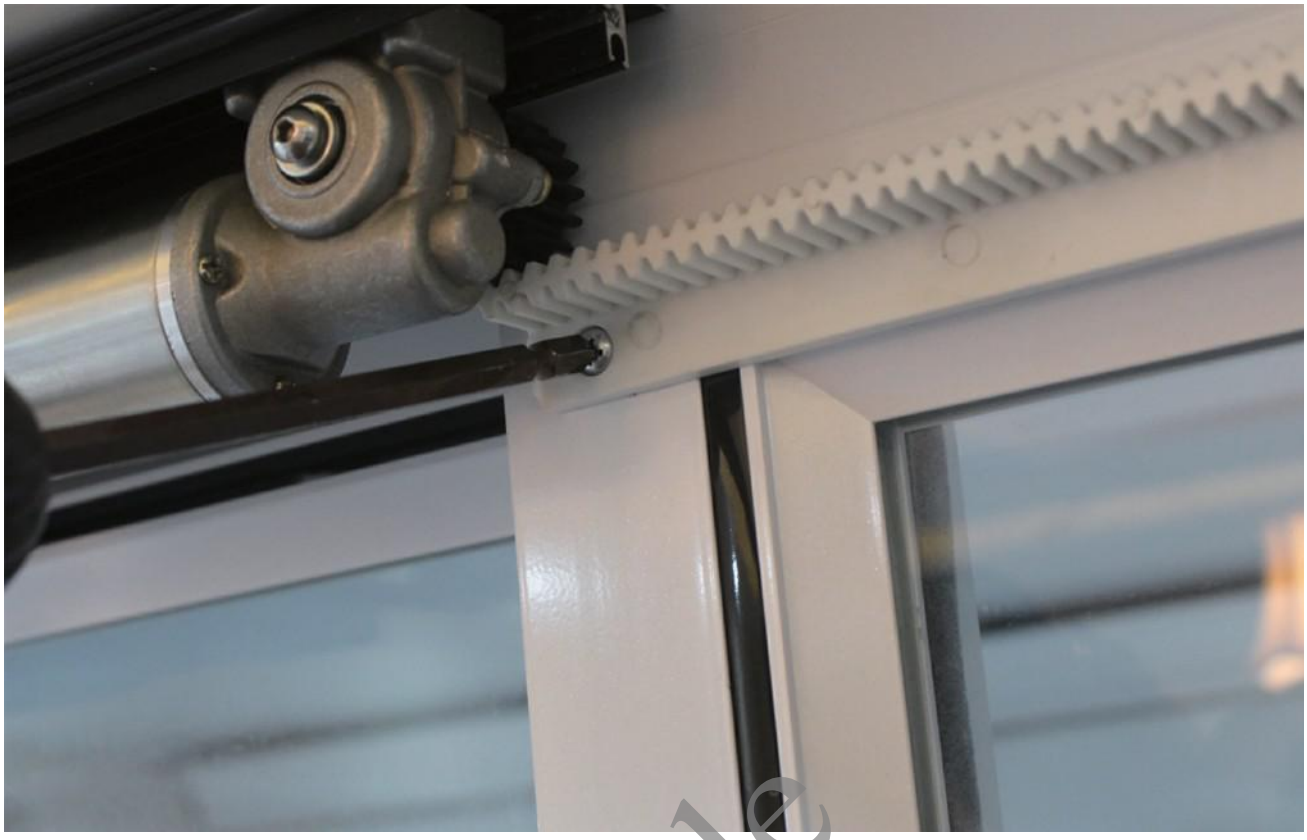
Top mount installation

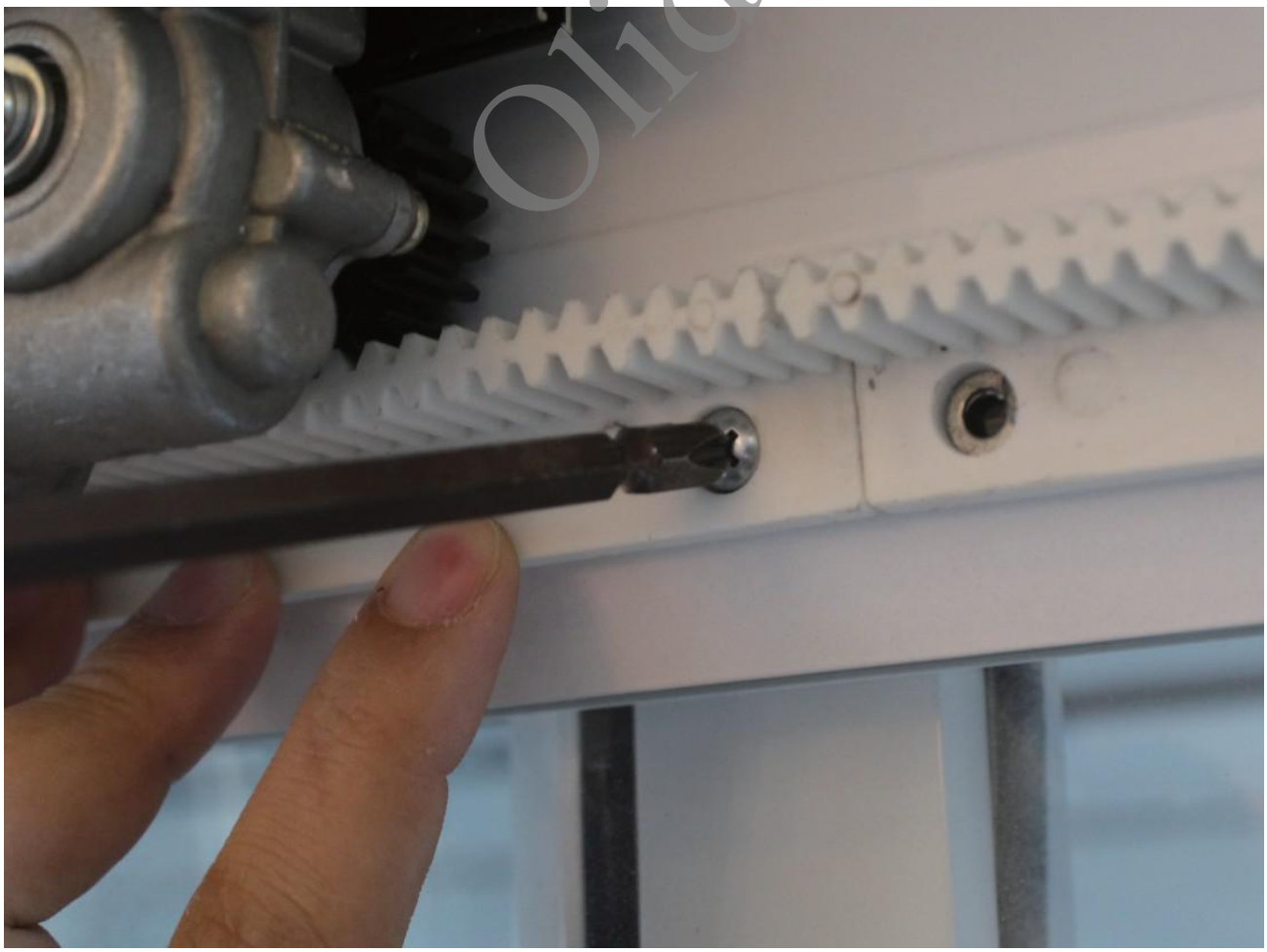
1. Mount the assembly on the top of door frame with door fully closed move the system right about 1.6" from the center line of both doors. Mark this location.



2. Position the assembly to your reference mark, leaving 1" distance between the assembly and the door.

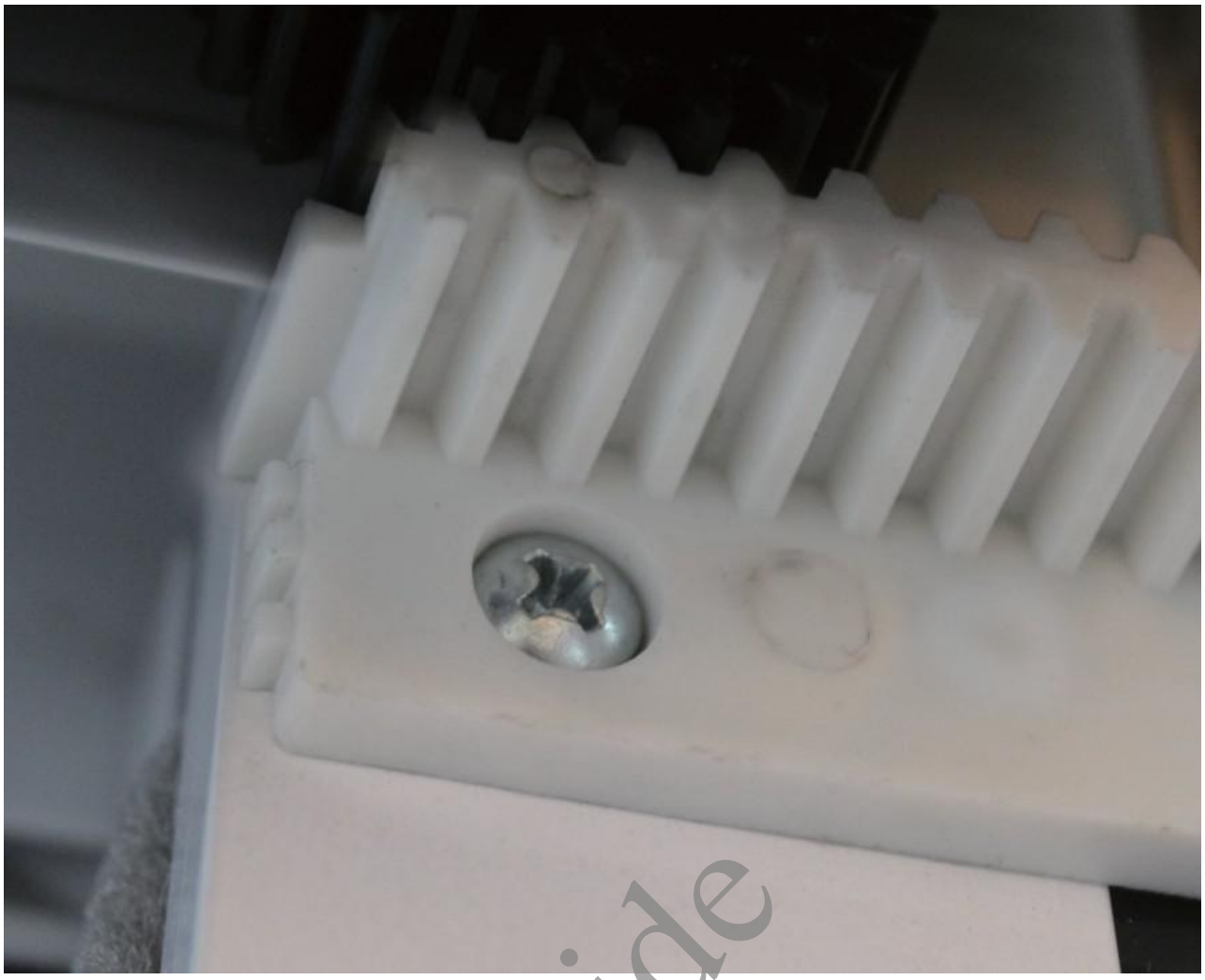
3. Put the connected rack at another side, adjust the position and make the gear and rack is well fit，then tighten the screw





Olide

Oiide



Olide

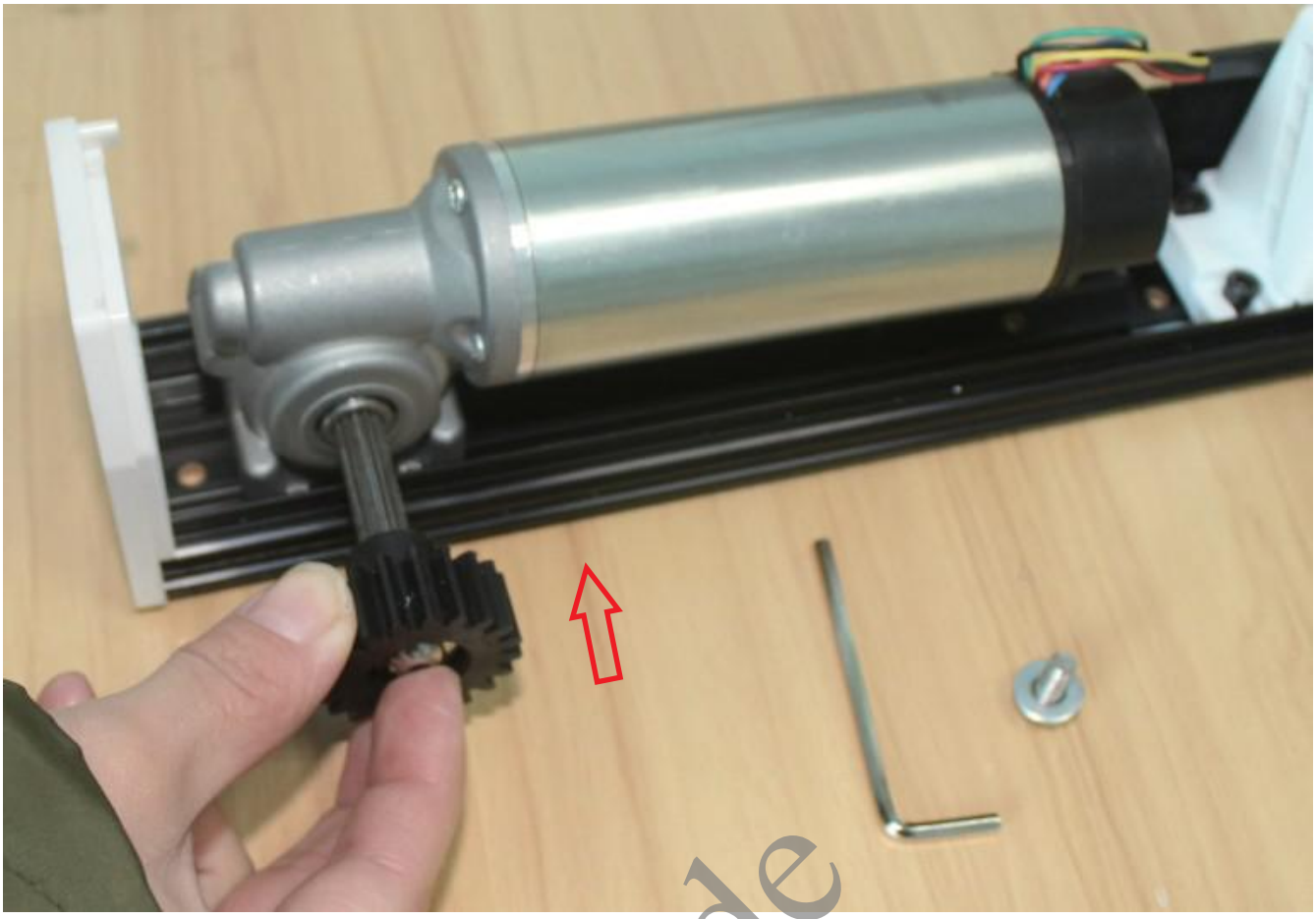
4. Power on and test, then replace the cover.

Adjustment of the motor & controller direction.

1. Remove the set screw from the motor gear with wrench.

2. Pull out the gear in the direction of the arrow as shown below.

3. Insert on the other side to change the direction.



Olide

4. Tighten the screw

5. Remove the 4 mounting screws, and remove the motor.

Olide

6. Loosen the 4 screws on the controller. they do not need to be completely removed.

7. Slide the control to the other side.

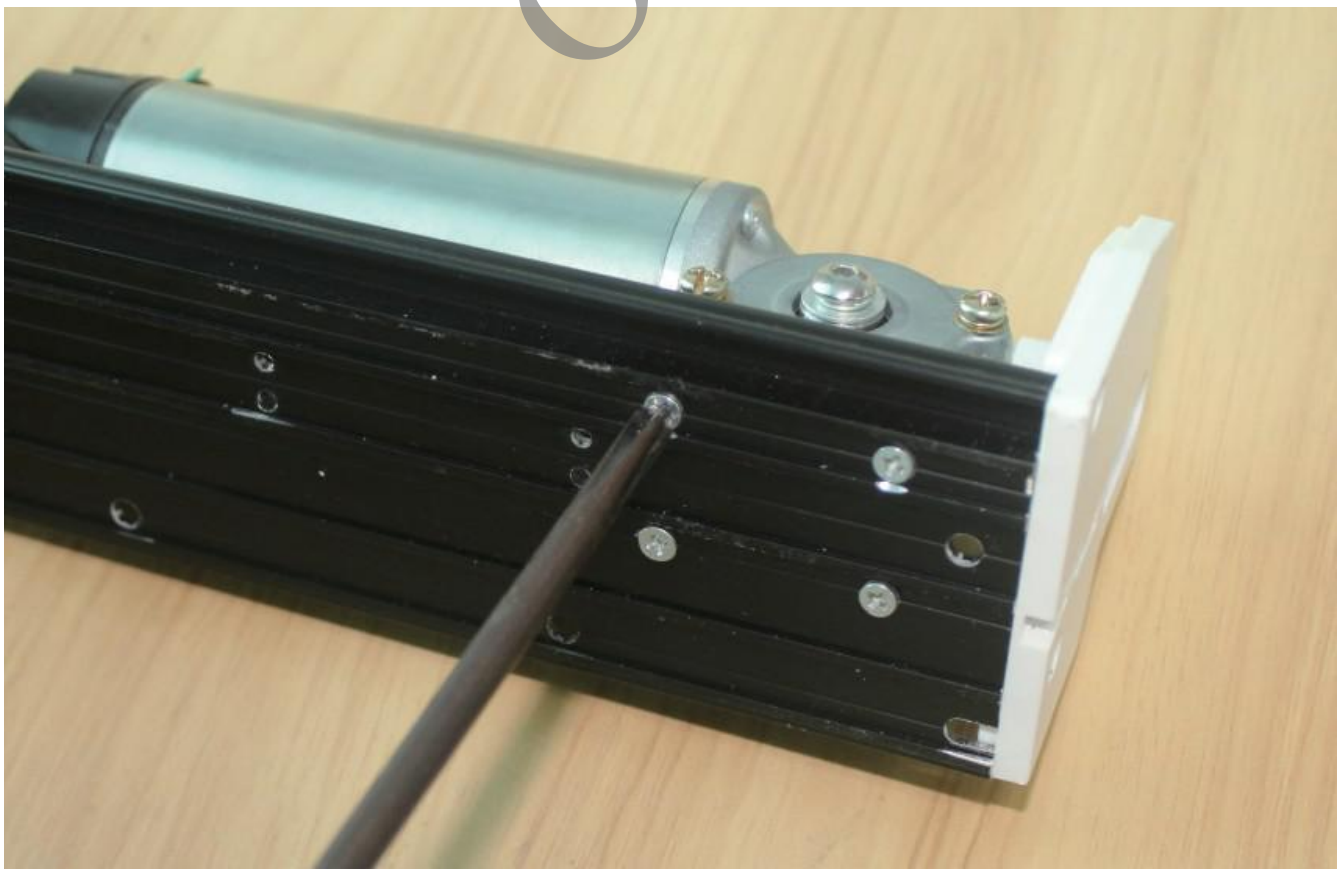
Olide

8. Put the power cable in the groove.

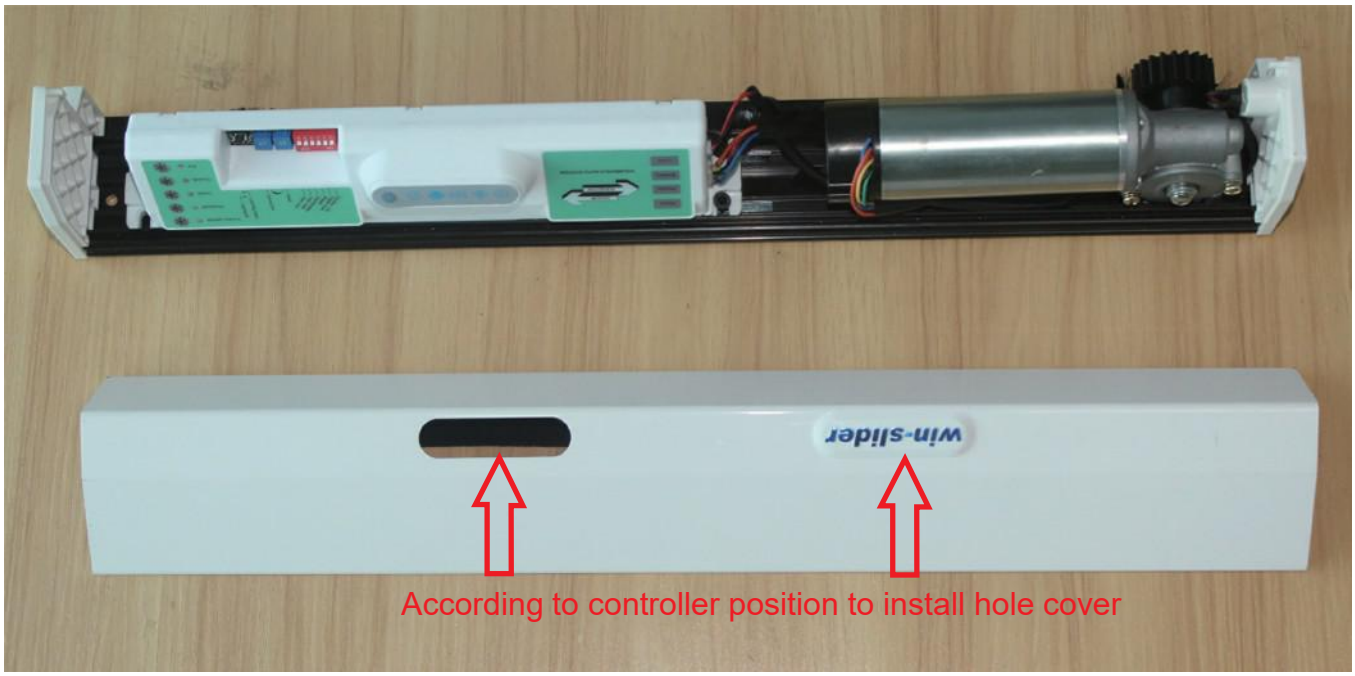
9. The cable goes under the motor.

Olide

10. Tighten the screws.



11. Remove the cover hole plug and put it on the side.



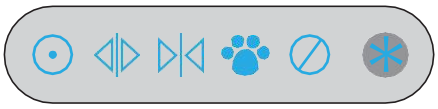
12. Put on the cover

Olide

Data adjustment

Opening speed: 3.9 - 17.7 in/s adjustable
Closing speed: 3.9 - 9.8 in/s adjustable
Opening time： 0 - 20 seconds adjustable
Learning button: For encoding remotes or wireless push buttons, & adding or deleting remotes.
Learning LED：Remote learning indicator

There are five modes available



Automatic：The door will open when a sensor is triggered and closes after the preset dwell time has elapsed. Also signals working normally.

Hold open mode: The door will open and remain open until another mode is selected.

Lock mode：The door will close and remain closed until another mode is select by remote System will lock if there is a E-lock connected to it. In this mode, only the remote signal is available.

Pet mode：For use with pet sensors and when a pet opening width has been set (see below). Will open the door to the pet opening width when any pet sensor is triggered and close after the preset dwell time has elapsed.

Manual mode: The door can be manually operated, and the system will not drive the door.

Function select button

Add and delete remote：

1.Add：
Press & hold the learning key for 3 seconds until the indicator turns blue, then press any button on the remote, then the indicator will flash 3 times and turn off, indicating that the remote is encoded.

2.Delete：
Press & hold the learning key until the indicator begins flashing. All remote memory is deleted after the indicator flashes 6 times.

Olide

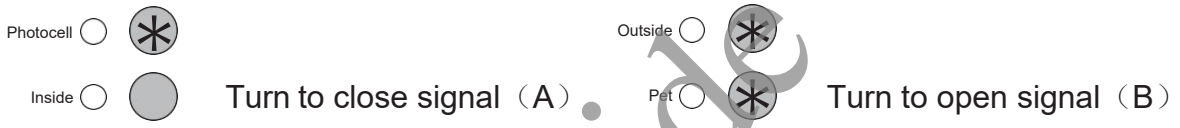
DIP functions and settings

DIP switch	On (upwards)	Off(downwards)
1.Direction L/R	ON – Left opening, OFF – Right opening. Toggle (back and forth) to erase memory and re-learn open/close cycle.	
2.Toggle mode	Activate to open activate to close	Normal mode
3. Tone	Tone enabled	Tone disabled
4.Door/window	Window mode	Door mode
5.Lock mode	Automatically locks after the door is fully closed.	Lock only with full lock signal
6.Slam shut	With rubber bumper	Normal operation

DIP Switch 1 and 4 must power off and restarted to switch modes.

Window mode：

Pet mode to half open mode



Active any terminal of A and B at same time, will work active to open or active to close
（Attention：Must be one terminal from A and B active in same time）

Olide

Setting：

6 Turn on the power switch of the controller. Make sure DIP 1 is correctly selected. The correct order is from open to close, please switch to opposite position if the direction is wrong.

7 Turn off the power and move the door/window to fully closed position, then turn on the power. Enter the pet opening width setting, and the window/door will open slowly. The pet mode indicator will flash. When the door reaches the desired pet opening width; stop the door preferably with your foot. Be careful to not get anything caught in the process.

8 After a short delay the door will begin to slowly close. Once fully closed the unit will return to "normal" opening width learning and all the indicators will flash. Then door will slowly open and return to the closed position. When the all indicators stop flashing, it means the width measure is done. The controller has saved the opening width.

Power off memory：

All setting will be still saved when the power is off. When switched on, power door will fully close from the previous position and is ready for normal operation again. If a new open width is needed, turn off the power and press the function select button. The new width will be measure again after voice DI (After power on).

Functions of Remote Control

1. Automatic
2. Keep opening
3. Lock
4. Pet mode
5. Manually
6. Toggle mode

Setting of wireless push button

Olide

1. ADD:

Keep Press learning button 3second till the indicator turn blue，then press any button of remote，
learning is done after indicator flash 3 times

2. Delete :

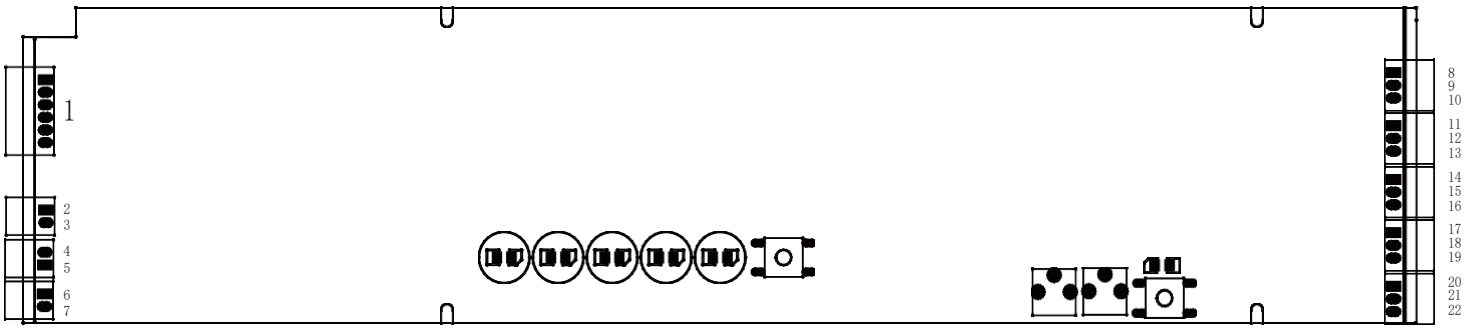
Keep press learning button till indicator turn flash from blue， after indicator flash 6times，all remote is deleted

Please carefully checking dip switch selection is same as photo shown during learning process

Pw cut memory function:

All setting will be saved while power off， door will be close slowly after power on，then resume normal working（the working mode is same selection before power off）；if need learning the opening width，power off，keep pressing function select button，then power on， release button after voice from controller，door will start learning turn

Terminal introduction

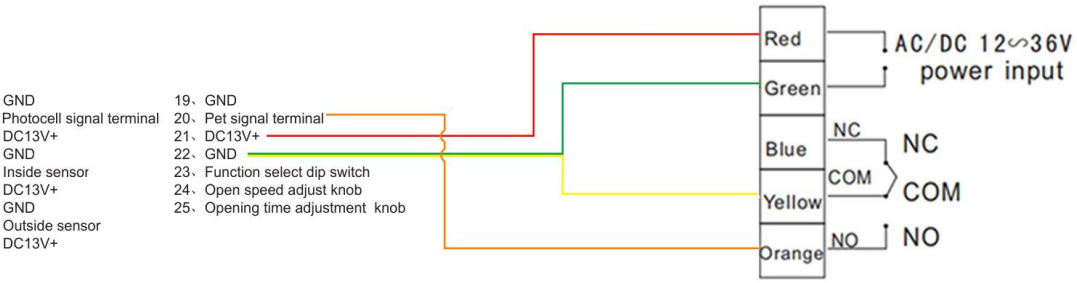


1、Motor terminal
2、DC24V+
3、GND
4、UPS+
5、UPS-
6、E-Lock-
7、E-lock+
8、Function select signal terminal
9、DC13V+
10、GND
11、Photocell signal terminal
12、DC13V+
13、GND
14、Inside sensor
15、DC13V+
16、GND
17、Outside sensor
18、DC13V+
19、GND
20、Pet signal terminal
21、DC13V+
22、GND
23、Function select dip switch
24、Open speed adjust knob
25、Opening time adjustment knob

Olide

Connections with Pet Sensor

1、Motor terminal
2、DC24V+
3、GND
4、UPS+
5、UPS-
6、E-Lock-
7、E-lock+
8、Funciton select signal terminal
9、DC13V+
10、GND
11、Photocell signal terminal
12、DC13V+
13、GND
14、Inside sensor
15、DC13V+
16、GND
17、Outside sensor
18、DC13V+
19、GND
20、Pet signal terminal
21、DC13V+
22、GND
23、Function select dip switch
24、Open speed adjust knob
25、Opening time adjustment knob

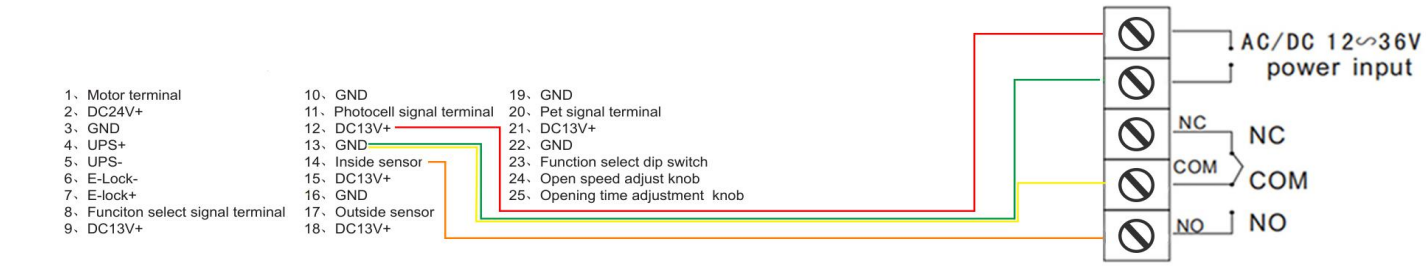


Connections with Hand Sensor Switch

1、Motor terminal
2、DC24V+
3、GND
4、UPS+
5、UPS-
6、E-Lock-
7、E-lock+
8、Funciton select signal terminal
9、DC13V+

10、GND
11、Photocell signal terminal
12、DC13V+
13、GND
14、Inside sensor
15、DC13V+
16、GND
17、Outside sensor
18、DC13V+

19、GND
20、Pet signal terminal
21、DC13V+
22、GND
23、Function select dip switch
24、Open speed adjust knob
25、Opening time adjustment knob



Connections with WIFI Switch

Olide

1、Motor terminal
2、DC24V+
3、GND
4、UPS+
5、UPS-
6、E-Lock-
7、E-lock+
8、Funciton select signal terminal
9、DC13V+

10、GND
11、Photocell signal terminal
12、DC13V+
13、GND
14、Inside sensor
15、DC13V+
16、GND
17、Outside sensor
18、DC13V+

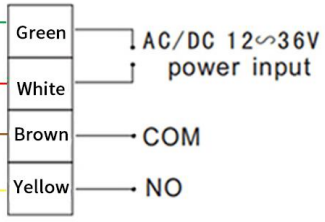
19、GND
20、Pet signal terminal
21、DC13V+
22、GND
23、Function select dip switch
24、Open speed adjust knob
25、Opening time adjustment knob

Connections with Microwave Sensor

1、Motor terminal
2、DC24V+
3、GND
4、UPS+
5、UPS-
6、E-Lock-
7、E-lock+
8、Funciton select signal terminal
9、DC13V+

10、GND
11、Photocell signal terminal
12、DC13V+
13、GND
14、Inside sensor
15、DC13V+
16、GND
17、Outside sensor
18、DC13V+

19、GND
20、Pet signal terminal
21、DC13V+
22、GND
23、Function select dip switch
24、Open speed adjust knob
25、Opening time adjustment knob



Trouble analysis and Solution

SYMPTOM	CAUSE	SOLUTION
Door does not open fully after learn cycle	Incomplete learn cycle	Remove the external cover (if already fitted). Turn the system off at the controller switch. Close the door manually. Keep press function selector button and turn on the switch of controller.after heard Voice bi， Test again after the learn cycle has completed. Refit external cover.
Door can not full lock, door Door can not full lock,door open again after close	Not well suit of gear and rack	Check and adjust the suit condition of gear and rack，turn off the switch of controller，close the door manually ，restart the system，Test again after learn cycle has completed ，Refit external cover
Door can not not fully open and close	There is resistance between system and door	Turn DIP 6 to rubber mode
Door stop at the open or close process，full lock and pet indicators flash	There is resistance between system and door	Find the resistance item and remove it
Door open without any commander	Cause1：remote signal interferenc e Cause2：sensor setting is too sensitive	Solution 1：open cover，delete all remote memory and reset remotes. Solution 2：Take off the cover of senor, adjust sensitive by knob
Door/window can not open	Door is lock by E -lock	U-lock the system

Olide