



SILVERVISTA

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# Retractable Gate Installation Manual



# Professional electric door operation instruction

## The customer respect:

Congratulations to you choose our national patent products of electric door, we solemnly promise: the core part of electric telescopic door open the door machine free warranty for three years. Warranty period appear quality problem, unconditional free replacement! In order to protect your rights, please look for the company's registered trademark, beware of fake! We reserve the right to design, after the change, all change without prior notice.



The following items are very important:

- 1、 This product use power supply: AC 220 v + 10% for AC 50 hz, 3 a, 250 w, 360 w.
- 2、 Gate tail connection must be installed leakage switch, the body must be connected to the ground!
- 3、 Non-professional electrician or technician may not arbitrarily open the head box and control box.
- 4、 Do not immersed, be affected with damp be affected with damp, the impact on the remote. The antenna is not in contact with the metal.
- 5、 Track when the shop is installed, cement floor absolutely must keep level parallel, no ups and downs.
- 6、 Gate during operation, the ground must be without any obstacles, so as to avoid obstacles door operation.
- 7、 Drive chain often should add lubricating oil (butter), from rain water, or work for a long time not rust.

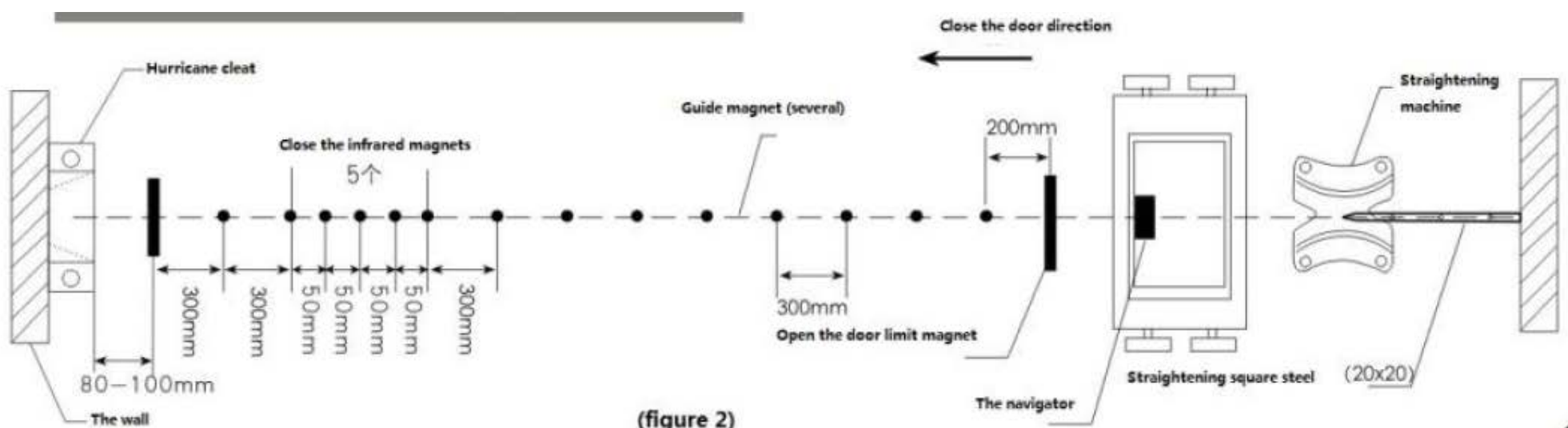
## Product performance

The company electric door uses high strength stainless steel or zinc aluminum alloy profiles, accessories imported aluminum die casting or plastic, through industrial assembly line production, fine workmanship, beautiful modelling is novel, driving mechanism adopts computer intelligent control, high technology content, its features are as follows:

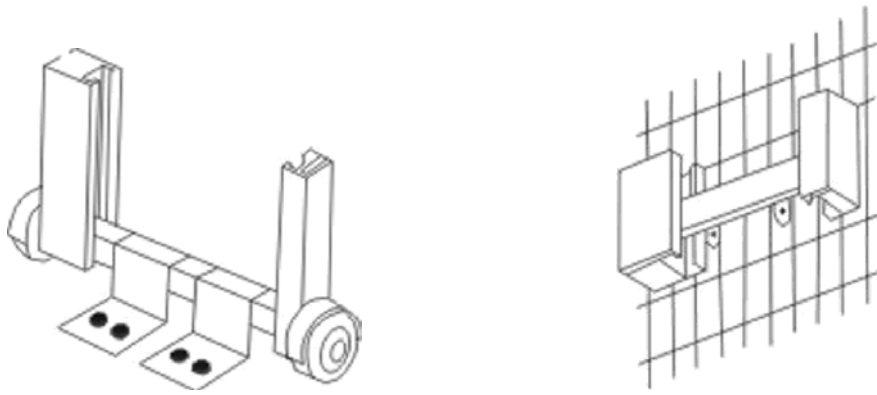
- Low pressure operation, 180v-200-v can work normally, the output power.
- Set inside the motor overheat protector, motor temperature reaches rating after continuous operation, the motor power. The state of protection. Until the temperature lower after normal operation.
- This machine is equipped with a quick clutch, only need to rotate 180 degrees, with a key during blackout clutch rapid separation, can use human drive door.
- With time delay and control box, steel line schedule for dual control, avoid a stuffy car accident.
- Infrared anti-collision device, encountered vehicles or pedestrians in closed (40 cm) the door will automatically return, avoid the accident (optional).
- Infrared anti climb the alarm system, when people climb out from the telescopic door, automatic alarm sound, when using, safer and more at ease (optional)
- Remote control system is operating handy when you open the door, remote control distance of 30 meters (optional).
- Driving wheel and the wheel used for cast aluminum alloy, with imports of rubber, running low noise, high resistance to wear, long service life.
- Produced by four wheel drive, chain or rotating, automatic buffer, stable starting.
- Host uses advanced lubrication areas. Needless to replace or add lubrication oil. Maintenance free.

Drive technology parameters										
The power supply	Control	Current	Power	Frequency	Insulation	The environment temperature	Relative humidity	Movement speed	Traction limit	
220V±20V	12V~5V	3A	250W~370 W	50Hz	E	-30°~+50°	≤90%	15m/min	≤30m	

## The Robot installation drawing



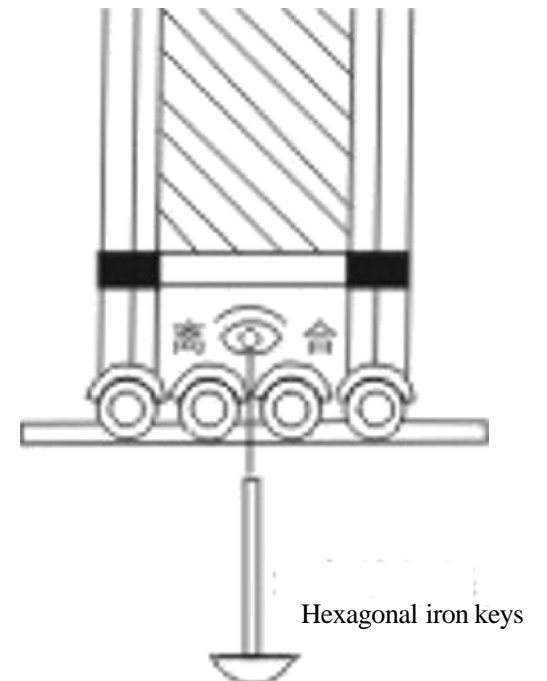
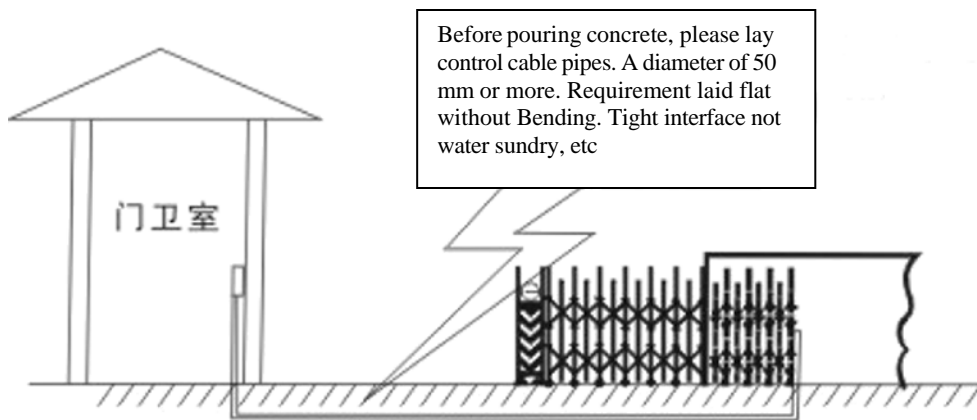
## Gate Body installation



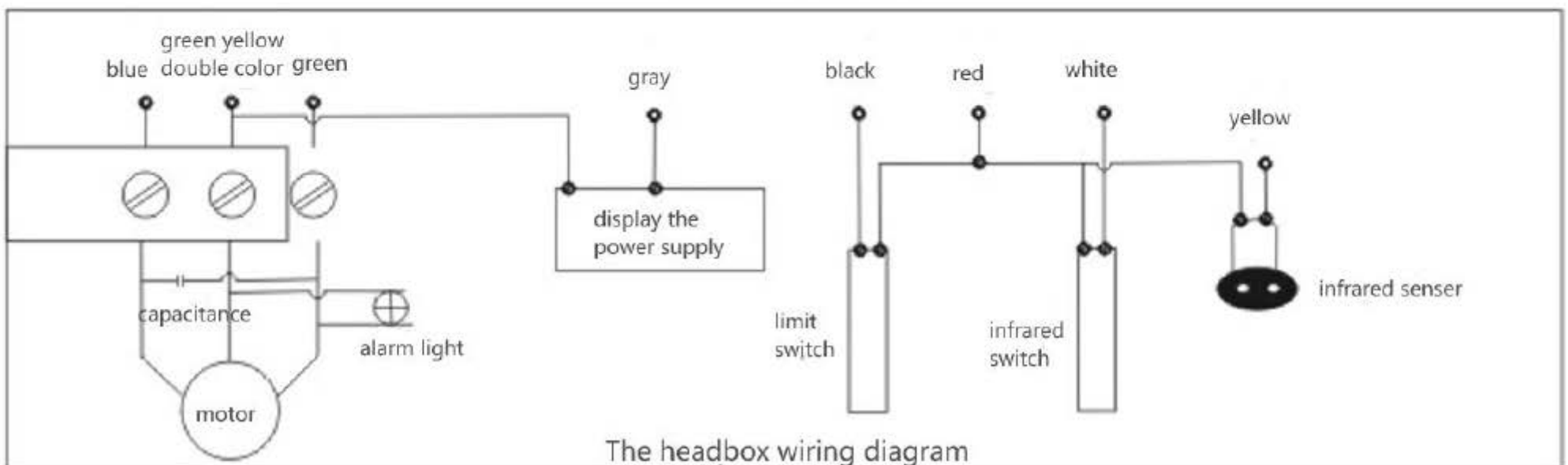
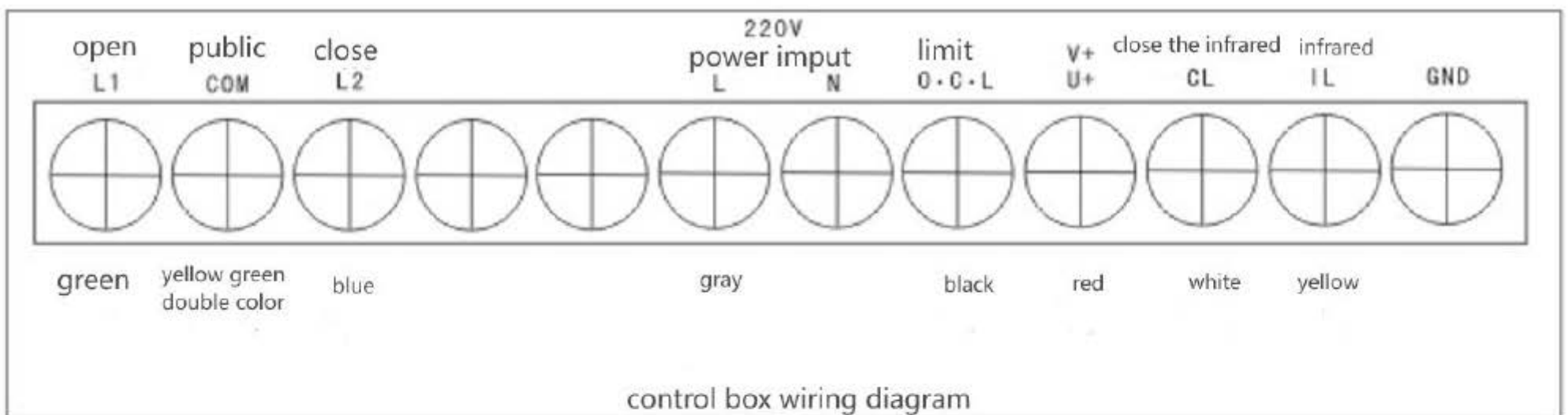
Door row of the tail is fixed on the ground (figure 1)

ROW Of the tail is fixed on wall (figure 2)

The electricity went off?  
Power failure will be key in the keyhole head clutch, handle is rotated 180 degrees can realize manual push-pull open the door.



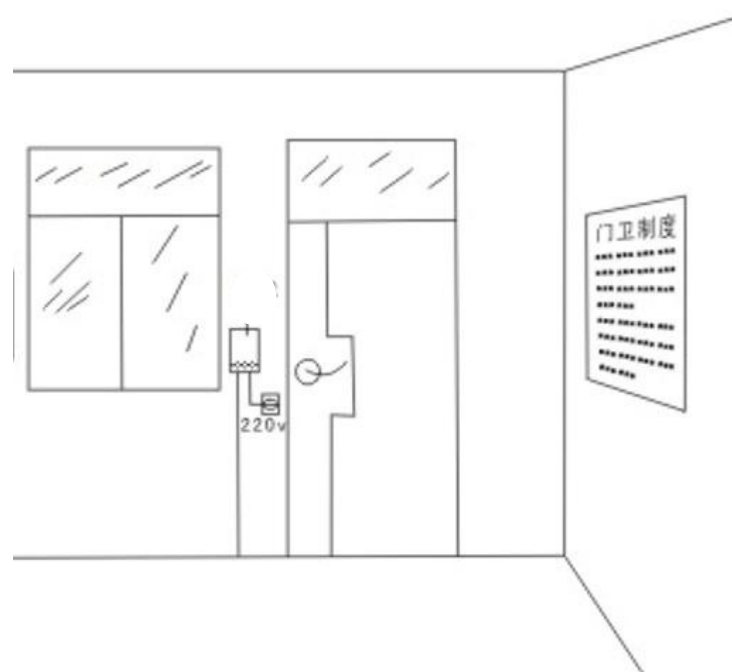
## Wiring diagram



1, the control system USES a wireless remote control, without ground line, the only need 220v power socket and plug in.

2, the wireless desktop remote control box fixed in dry places, easy to operate on 220 v power socket, makes the personnel on duty in the indoor door operation can be observed.

3, install and use the antenna should be vertical, ensure that the distance of the remote control. A shorter rainy or fog remote control distance.



Interior control box installation location

### Product maintenance and maintenance

1. Keep track clean, every day must clean up the slide around sundry.
2. The motor chain often need to add lubricant.
3. Check electrical grounding are in good condition.
4. Use the product often need to pay attention to the product is working properly.
5. This product within the motor with advanced lubricating oil, generally do not need to add lubricating oil for 3 to 5 years, such as found in maintenance oil spoiled or reduce, you can add a same oil replacement.

### The common failures and troubleshooting methods:

Number	The fault phenomenon	Cause analysis	Elimination method
①	Motor can't start	1, no power supply 2, fuse burn out 3, capacitance breakdown 4, dry reed pipe 5, protection function 6, problem is broken/loose/take off	1, check the power supply 2, Replace the fuse 3, replace the capacitance 4, replace the dry reed pipe 5, wait for 20 minutes after the restart 6, will pick good attachment
②	Can turn on (of) the cannot close (open)	1, the dry reed pipe position is not correct 2, dry reed pipe damage 3, L1, COM and L2 is wrong 4 magnets fall off and position is wrong	1, to adjust the magnetic switch position 2, replace the dry reed pipe 3, according to the circuit diagram properly connected 4, to adjust the magnetic steel location
③	Don't limit	1, the dry reed pipe distance is too high 2, dry reed pipe damage 3, L1, COM and L2 is wrong	1. readjust the dry reed pipe position 2, replace the dry reed pipe 3, according to the circuit diagram properly
④	Manual clutch failure	1, handle the wear 2, the direction of rotation error 3, clutch binding	1. change the handle 2, the knob in the direction shown by the arrow 3, push door, to turn the output gear
⑤	Remote control failure	Lack of electricity	Replace the battery (DC 12 v, 23A)



⑥	Click "open" to "closed"	Whether L1 and L2 line connection is not correct	According to the circuit diagram properly connected
⑦	Gate no action	Clutch didn't hang up	Hang up the clutch
⑧	Crash-proof failure	1. prevent touch too close 2. touch switch into the water	1, adjust crash-proof distance 2, dry touch switch

## Use the remote control

1. Remote controller using 23 a and 12 v batteries, the service life of about a year, don't be affected with damp be affected with damp, transmitters, if you would like to change password, please pay attention to master and transmitter password consistent.
- 2 Remote control system for the normal remote control distance of 30 meters (barrier-free zone), if the surrounding factory to empty, no signal interference, can reach 50-80 meters. Because the radio waves are greatly influenced by the weather, so in bad weather conditions such as fog, typhoon, to reduce the gap of remote control.
- 3 Old batteries, also can make remote control distance nearly, can try to replace new battery.

