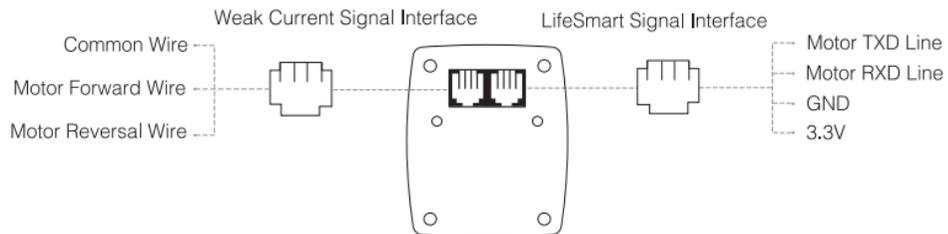
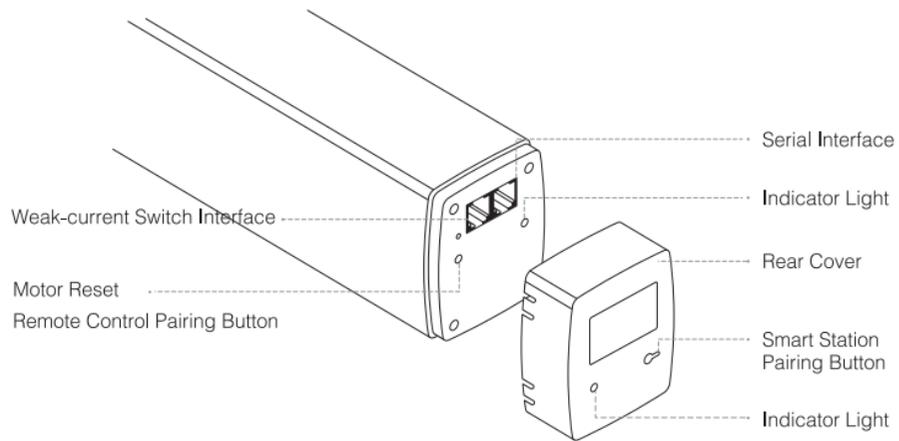


LifeSmart

Smart Curtain Motor

Installation and Operation Manual V 1.1

I. PRODUCT INTRODUCTION



1 Functional Features

- Weak-current switch selection
- Strong-current switch selection
- Remote control (Smart Station required)
- Manual boundary settings
- Manual start
- Stop when blocked
- E-memory stroke limit
- Third stroke

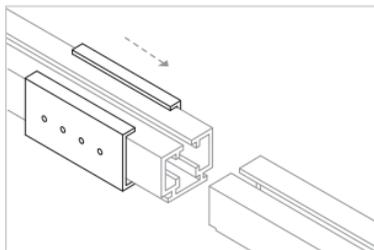
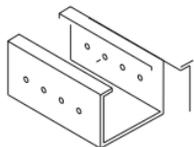
2 Motor Specification

Model	LS133WH
Weight	1.3kg
Rated torque	1.2Nm
Open/close speed	14cm/s
Communication protocol	CoSS
Operating voltage	100-240V 50/60Hz
Power	13W
IP Grade	IP40

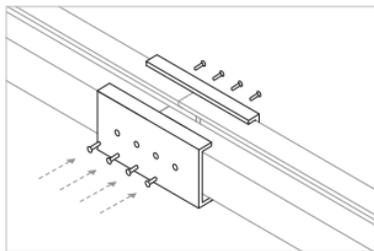
II.MOTOR INSTALLATION

1 Rail Splicing Method

1) Insert the rail connecting bracket along one end of the rail to the connections at both ends of the rail.



2) Lock the side screws. Please refer to "Belt and Rail Installation Method" for the installation method.



Caution Rail splicing is required when the length of the rail is less than the required length or the transportation is inconvenient.

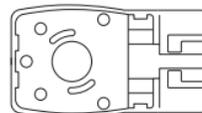
2 Belt and Rail Installation Method

- Profile Size Determination

Profile Length = Total Rail Length - End Cover Length x 2

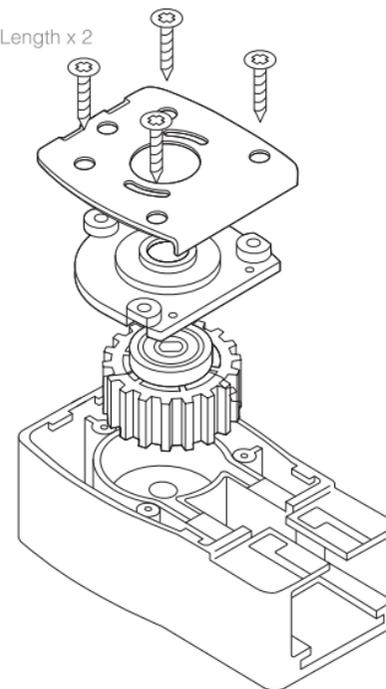
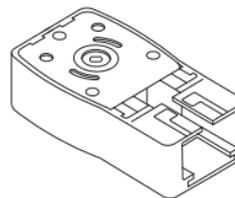
For example: rail length: 200cm

Profile length: $200 - 7 \times 2 = 186$ cm

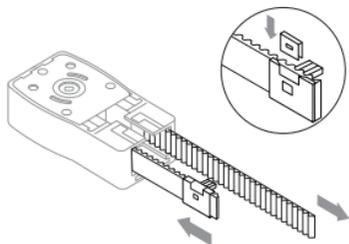


End cap length: 7cm

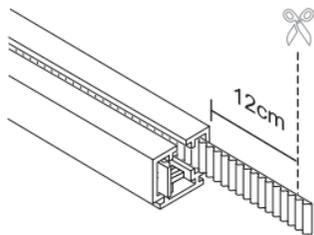
1) Install the gear and other accessories with a screwdriver into the lower cover as shown in the right figure. Install the two lower covers as shown below.



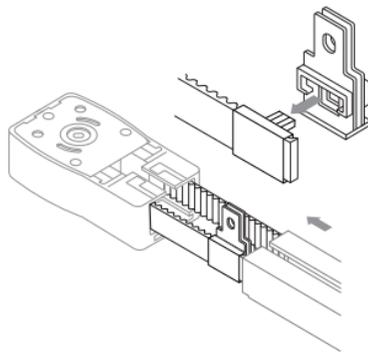
2) Inert the belt from one end of the lower cover and install a belt fixing buckle at one end of the belt (with half of a tooth left).



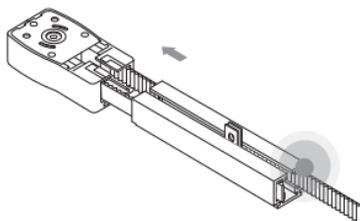
4) Fix one end of the belt fixing buckle flush with the tangent plane of the rail, and set aside 12cm of the belt at the other end, and cut off the belt.



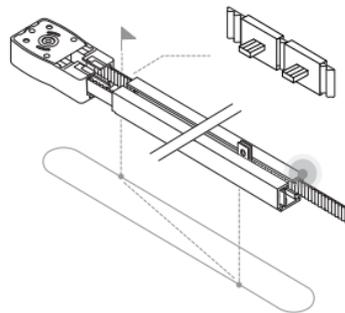
3) Connect half of the boom body with the belt fixing buckle, and then install the belt into the rail.



5) Separate the lower cover from the rail. At this moment, hold the rail with your hands with the 12cm belt left (with 12cm left outside the rail profile).

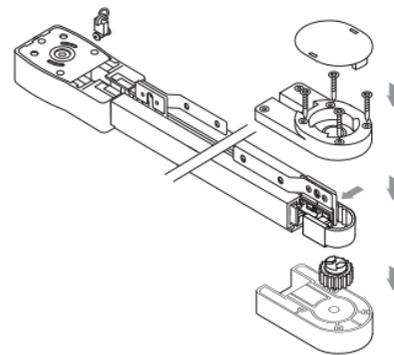
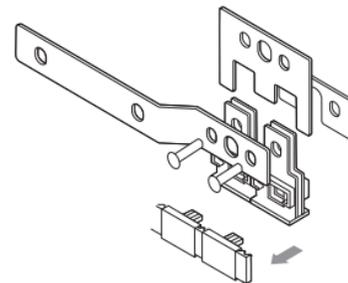


6) Install two belt fixing buckles (with one tooth left in the middle) at the sliding points on the rail corresponding to the installed fixing buckles.



8) Assemble the boom on the other side with the belt fixing buckle and push it into the rail (the belt loop is closed at this moment) and assemble the other lower cover at the bottom of the rail (embed the exposed belt into the lower cover).

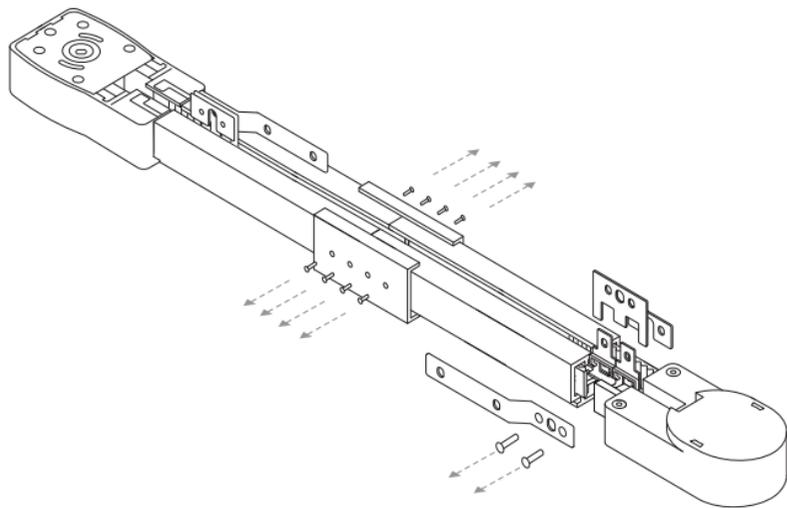
7) Install a boom, assemble it with the belt fixing buckle, and push it into the rail with the belt.



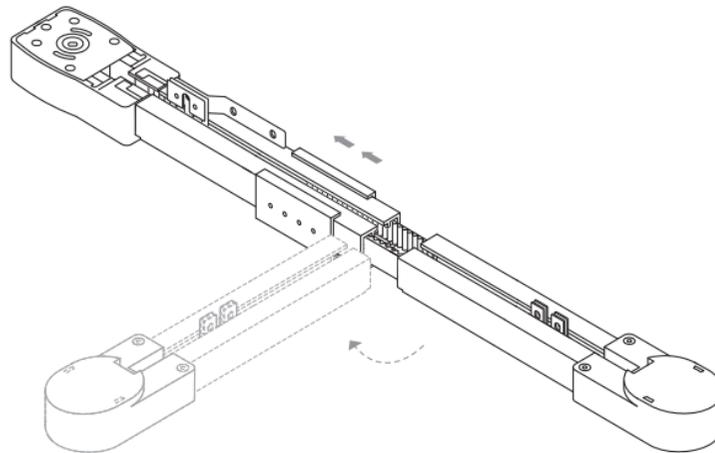
3 Folding of Spliced Rail (for Transportation)

1) Rail Folding

- Find the boom connected to both ends of the rubber belt and unscrew the screws of the boom-rail connecting bracket.



- Push the rail connecting bracket to one side, gently pull the boom body and pull the rail connection apart to fold the rail.

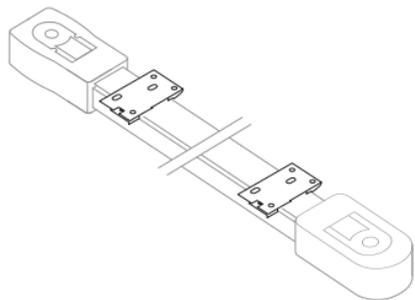


2) Rail Unfolding

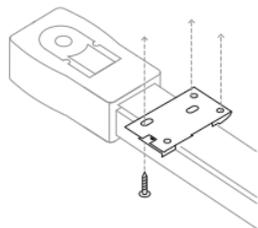
- Unfold the rail, connect the rail slowly, lock the rail connecting bracket with screws and install the boom to restore the rail.

4 Installation and Wiring of Curtain Motor

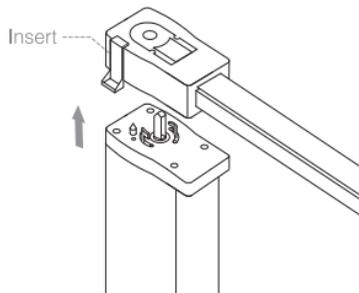
1) Check the position of the bracket and install it to the rail at a suitable position.



2) Install the curtain rail into the pre-designed position and fix it with screws.



3) Align the motor with the interface of the transmission case and push the insert into the limit position to lock it automatically.

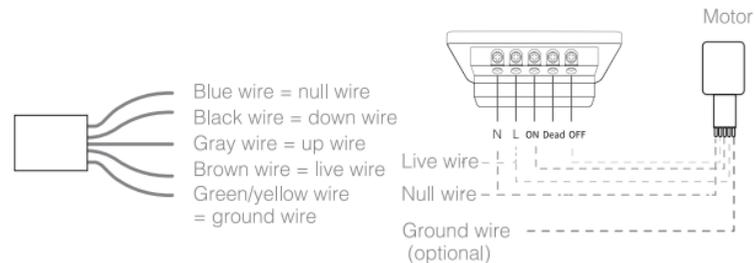


5 Installation of Curtain Strong-current Switch

1) Simple Mode (Remote Control and App Only)



2) Strong-current Switch Mode



Caution

Do not connect the null wire and live wire in reverse. If any excessive wire is exposed after connection, press it with a cap and insulate it properly.

1 Remote Control Code Pairing

• Method 1

1) Open the rear cover of the motor, hold one end of the motor tightly, and slightly pull it outward obliquely downward to open the rear cover;

(Note: Do not use too much force to avoid damaging the internal connecting wire of the rear cover!)

2) Power on the smart curtain motor and check whether the indicator light turns on normally;

3) Press and hold the Reset key at the bottom of the motor for 2s;

4) Press and hold P2 on the rear cover for 1s until the indicator light of the remote control flashes quickly once;

5) Press P2 again until the indicator light of the remote control flashes to complete the code pairing.

• Method 2

(Note: When using this method, ensure that all operations are completed within 10s after power-on!)

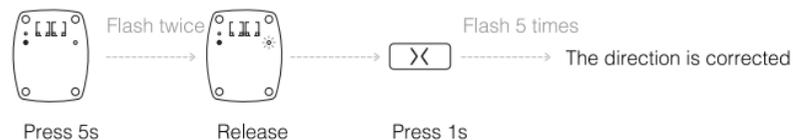
1) Power on the smart curtain motor and perform the following operations immediately;

2) Press and hold P2 on the rear cover until the indicator light of the remote control flashes once;

3) Press and hold P2 again until the indicator light of the remote control flashes once again;

4) Finally, press the Open key or Close key on the remote control to complete the pairing.

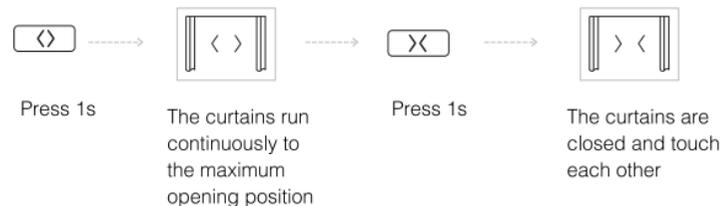
2 Remote Control Direction Correction



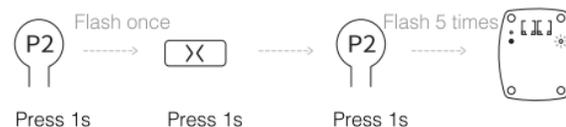
If the curtains are closed when the Open key of the remote control is pressed, correct the direction.

3 Stroke Settings

1) Set Stroke

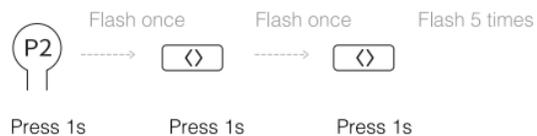


2) Clear Stroke

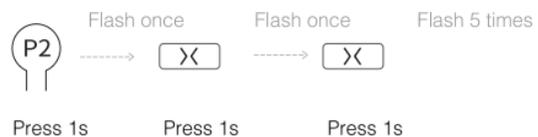


4 Manual Boundary Settings

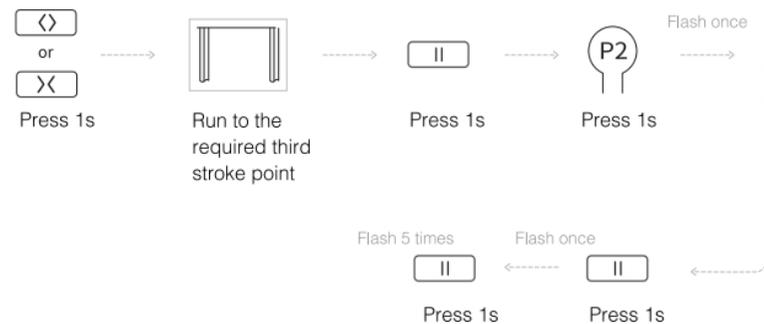
1) Manually enable the stroke point



2) Manually disable the stroke point



5 Third Stroke Point



Caution

The method for clear the third stroke point is the same as that for setting the third stroke point. Press the Stop key for 2s, and the motor will automatically run to the third stroke point.

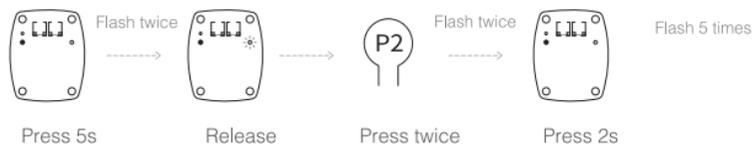
6 Operation of Motor Setting Keys (All Modes)

1) Weak-current Switch Mode Selection

- Double-button Bounce Switch Settings



- Double-button No-bounce Switch Settings



- DC246 Switch Settings

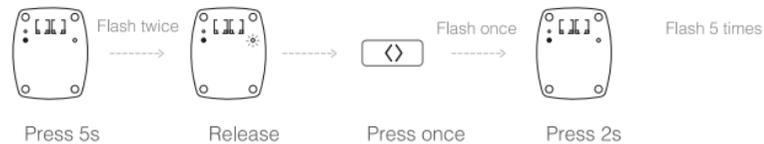


- Single Key Cycle Switch Settings

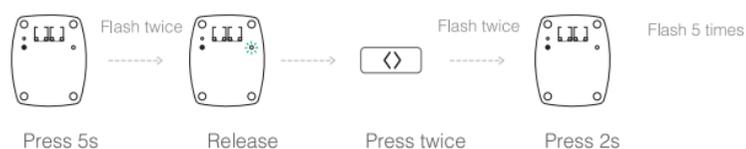


2) Strong-current Switch Mode Selection

- Strong-current Double-button No-bounce Mode Settings



- Hotel Mode Settings



- Strong-current Double-button Bounce Mode Settings



- "Touch to Start" Settings



- Serial Interface Wiring and Code Pairing Settings



- Restore Factory Settings



COMMON FAULTS AND TROUBLESHOOTING

Common Fault	Troubleshooting
1 Motor inoperative	Check the power supply and wiring
2 Failure to control the remote control	Re-pair the remote control
3 Remote control switch reverse	Correct the direction
4 External switch reverse	Change the switch sequence
5 Collision or failure to reach the boundary	Delete the stroke (reset the motor)
6 Stuck when manually pulled	Set the stroke boundary
7 Blocked	Check fixing screws of upper and lower covers of the rail
8 Failure to meet in the middle	1) Check whether the direction of the transmitter switch is set correctly. If it is reverse, correct it 2) Check and retest the stroke

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Thank you for purchasing this LifeSmart product. In order to protect your rights, please read the following content carefully: The warranty period of our company's products is one year from the date of purchase or longer if local laws impose a longer minimum term, in which case the minimum term is the warranty period. During the warranty period, any faults caused by the product itself or for quality problems that arise under normal usage, LifeSmart will provide a free replacement.

The following conditions are not covered by the warranty:

- Product failure or damage caused by installation, use, and maintenance that is not in accordance with the product instructions;
- Products beyond the warranty period;
- Products that have the barcode tampered with or removed;
- Devices that have been tampered with or customized outside of LifeSmart Terms Of Service as on the LifeSmart App and website;
- User-caused damage, such as inappropriate voltage input, high temperature, accidental spillage, physical damage, etc;
- Product failure or damage caused by force majeure such as earthquakes, fires, or floods;
- Product failure or damage caused by other problems except the product itself.

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