

# Curtain Motor Instruction

## 1. Technical dates

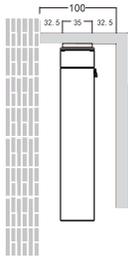
a. WSCMK AC curtain motor Fig.a)  
 AC input: AC220V/50Hz  
 Insulation class: B  
 Protection index: IP20  
 The motor can work with 15 emitters at most



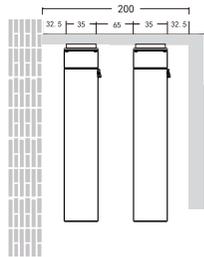
b. WSCMK DC curtain motor Fig.b)  
 DC input: DC12V/4A  
 Insulation class: B  
 Protection index: IP20  
 Dedicated rechargeable lithium battery:DCB005  
 (Optional, this product is not included in the package)



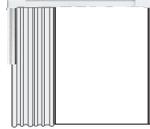
b. minimum space left for curtain box (single-shade)



minimum space left for curtain box (double-shade)



A. Opened from one direction

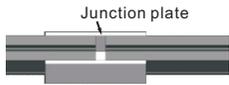


B. Opened from double directions



## 2. Belt & rail installation

### A. Rail junction



1) Insert junction plate along with rails to the joint of two rails.

**Note:** ■ Rail junction is needed when rails are shorter than the requirement.  
 ■ It's inconvenient to deliver long rail, so most people chose cut them short, and then using rail junction to recover the length.



2) For the follow installation steps, please refer to "B. Belt & rail installation".

### B. Belt & rail installation

① Aluminum track size determining.



The length of aluminum track = the length of entire rail - the length of transfer box\*2

For example, the length of entire rail is 200cm

The length of aluminum track = 200 - 6.125\*2 = 187.75cm

②



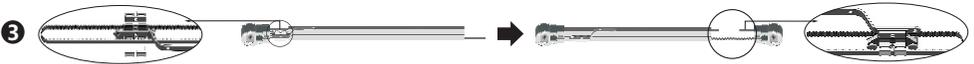
Insert belt.

Install fix button into one end of the belt, install one of the carrier as Fig.shows, and put the rail into transfer box.

Move the carrier right to the end of the rail, and then fix it, making sure it is on the same level with the end of aluminum track. Left 13.5cm in the other end and cut off redundant.

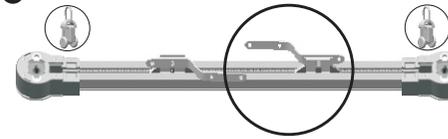


③



Separate the transfer box and the aluminum track, knot the fix button and install carrier into the button. Insert the left 13.5cm belt into another transfer box and knot fix button.

④

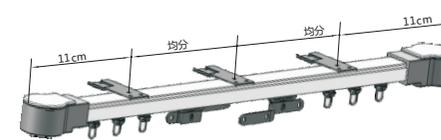


After installation of the two carriers, insert runners (8 pcs runner per meter).

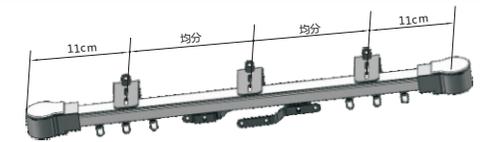


The installation of runners is finished.

## 3. Track and motor installation



1) Ceiling installation.



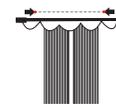
2) Side installation.

3) Install curtain motor and check whether it works.



## 4. Touch control function

Gently pull the curtain fabric, it easily opens and closes.



# Curtain Motor Instruction

## 5.Code learning

### Way 1: Power on learning

#### a.Single channel emitter (WSRE801)

1)After installation , power on, curtain motor vibrates and power light is normally on.

2)When the power light off, press learning button of emitter once, the curtain motor will vibrate, you can control the motor by the emitter.

#### b.Double channel emitter (WSRE802)

This emitter has A and B channels, can control two receivers without interference.

1)After installation , power on, curtain motor vibrates and power light is normally on.

2)When the power light off, short press the stop button of A channel, and then short press learning button of emitter once in 10s, you can control the motor by the A channel. So does B channel.

### Way 2: Button learning

#### a.Single channel emitter (WSRE801)

1)Press button on curtain motor once, power light off.

2)Press learning button of emitter once, the curtain motor will vibrate, you can control the motor by the emitter.

#### b.Double channel emitter (WSRE802)

1)Press button on curtain motor once, power light off.

2)Short press the stop button of A channel, and then short press learning button of the emitter once, you can control the motor by A channel. So does B channel.

### Way 3: Copy

#### a.Single channel emitter (WSRE801)

1)Short press the learning button of emitter A 8 times, the motor will vibrate and the power light off.

2)Short press the stop button of emitter B, the motor will vibrate.

3)You can control the motor by emitter B.

#### b.Double channel emitter (WSRE802)

1) Short press the stop button of A channel of emitter A once, and then the learning button 8 times, the motor will vibrate and the power light off.

2)Short press the stop button of A channel of emitter B once, and then the learning button, the motor will vibrate.

3)You can control the motor by A channel of emitter B.

## 6.Delete

#### a.Single channel emitter (WSRE801)

1)Short press learning button 6 times.

2)Short press up button once.

3)All emitters cannot control the motor anymore.

#### b.Double channel emitter (WSRE802)

1)Short press stop button of current channel once, and then learning button 6 times.

2)Short press up button once.

3)All emitters cannot control the motor anymore.

## 7.Delete current emitter

#### a.Single channel emitter (WSRE801)

1)Short press learning button 7 times.

2)Short press up button once.

3)Current emitter cannot control the motor anymore.

#### b.Double channel emitter (WSRE802)

1)Short press stop button of current channel once, and then learning button 7 times.

2)Short press up button once.

3)Current emitter cannot control the motor anymore.

# Curtain Motor Instruction

## 8. Set limit

### Set limit by emitter

#### I. Set open limit

##### a. Single channel emitter (WSRE801)



1) Short press learning button 2 times.



2) Short press up button once.



3) The open limit is set.

##### b. Double channel emitter (WSRE802)



1) Short press stop button of current channel once, and then learning button 2 times.



2) Short press up button once.



3) The open limit is set. So does B channel.

#### II. Set close limit

##### a. Single channel emitter (WSRE801)



1) Short press learning button 2 times.



2) Short press down button once.



3) The close limit is set.

##### b. Double channel emitter (WSRE802)



1) Short press stop button of current channel once, and then learning button 2 times.



2) Short press up button once.



3) The close limit is set. So does B channel.

## 10. Delete limit

### ①. Automatically delete limit

Under the condition of limits already, if the motor encounters obstacles during operation process, the original limit will be automatically deleted. When blocks again, it will reset the limit.

### ②. Delete limit by button



×1 Long press the button as Fig. shows, the original limit will be automatically deleted.

### ③. Delete limit by emitter

#### I. Delete open limit

##### a. Single channel emitter (WSRE801)



1) Short press learning button 4 times.



2) Short press up button once.



3) The open limit is deleted.

##### b. Double channel emitter (WSRE802)



1) Short press stop button of current channel once, and then learning button 4 times.



2) Short press up button once.



3) The open limit is deleted. So does B channel.

#### II. Delete close limit

##### a. Single channel emitter (WSRE801)



1) Short press learning button 4 times.



2) Short press down button once.



3) The close limit is deleted.

##### b. Double channel emitter (WSRE802)



1) Short press stop button of current channel once, and then learning button 4 times.



2) Short press down button once.



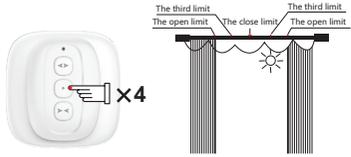
3) The close limit is deleted. So does B channel.

# Curtain Motor Instruction

## 11.The third limit

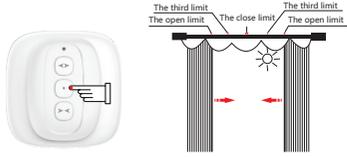
### a.Set the third limit (WSRE801)

Short press stop button of emitter 4 times, the motor will vibrate, the third limit is set.



### b.Operate the third limit (WSRE801)

Long press stop button of emitter, curtain will operate to the third limit.

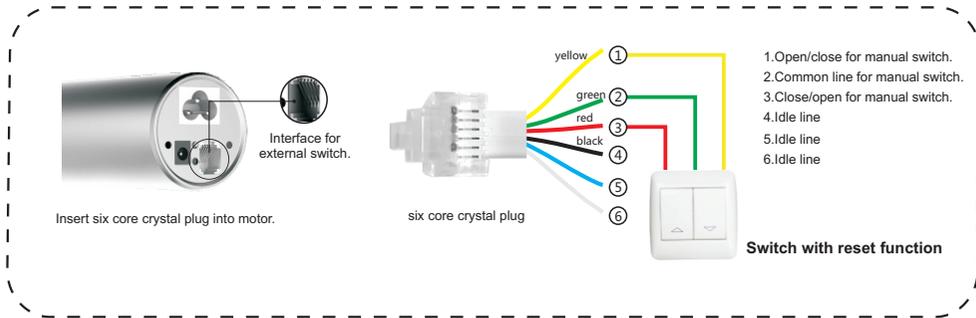


### c.Delete the third limit

When delete limit, the third limit will also be deleted.

## 12.Optional function

### 2RJ 11 interface drawing



### Manual switch function:

The motor is stopped, 1 and 2 are connected for the first time, and the motor is opened or closed. After disconnecting for the second time, the motor stops. After disconnection for the third time, the motor opens or closes. Cycle in sequence. 2 and 3 are connected for the first time, and the motor is opened or closed. After disconnecting for the second time, the motor stops. After disconnection for the third time, the motor opens or closes. Cycle in sequence.

## 13.Common faults and ruled out

No.	Faults	Reasons	Ruled out methods
1	Power on, the motor does not work or operate unstably and slowly.	A: Overload. B: Improper installation. C: low voltage.	A: Change large torque motor. B: Check connection of all parts. C: Adjust voltage AC200~260V/50Hz (100V~260V/60Hz).
2	Motor fails to fully match up the under cover of rail.	Output end of the motor is not in vertical with transfer box.	Slight pull curtain.

**Note:** The voltage in parentheses is voltage configuration data for AC 110V.

## APP Download

Smart+ APP has been released. You can download App through Apple or Android App Store.



Smart+



Scan QR code to download APP

## Connect to the WiFi



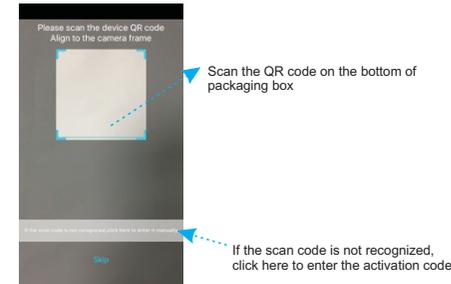
Smart phone



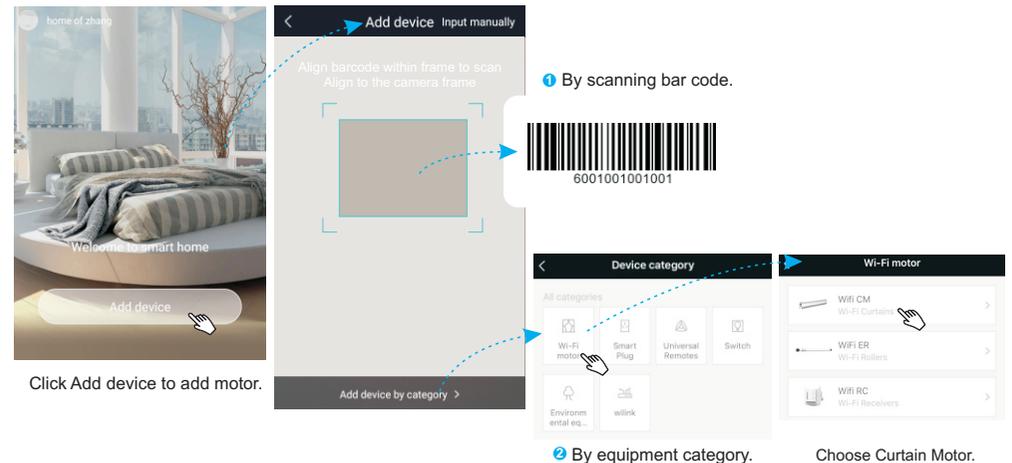
Wi-Fi Wireless Router

## Open and activate APP

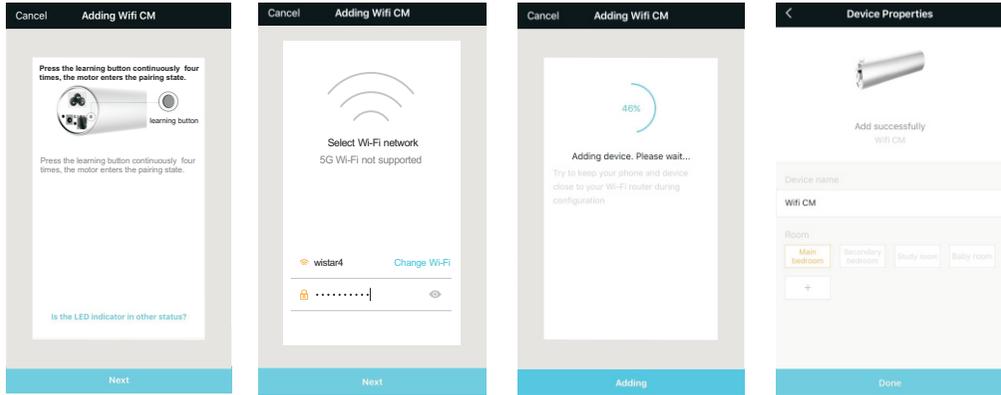
Scan or enter the activation code, activate APP(Need only for initial use).



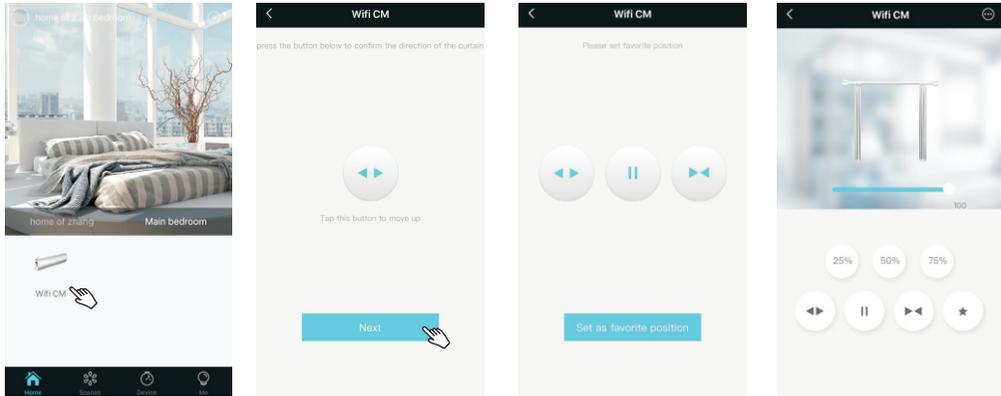
## Add devices



# Curtain Motor Instruction

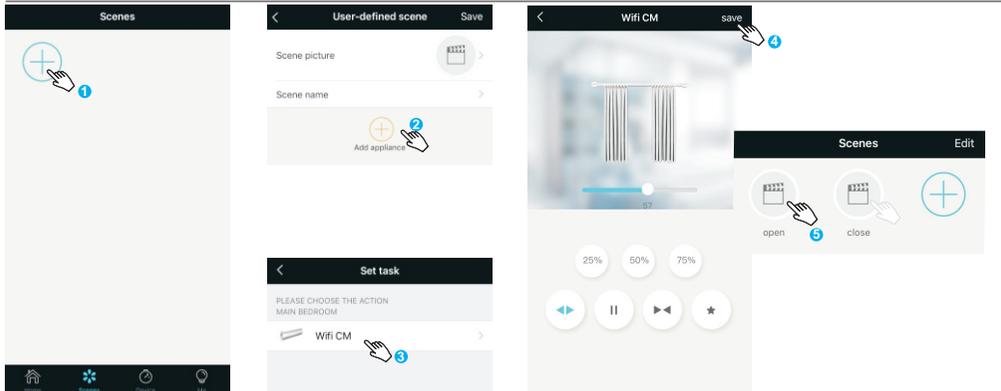


- 1 Press the learning button four times to pairing mode, and click Next.
- 2 Enter wifi password and click Next.
- 3 Wait for the pairing.
- 4 Enter the settings page, select the curtain room.



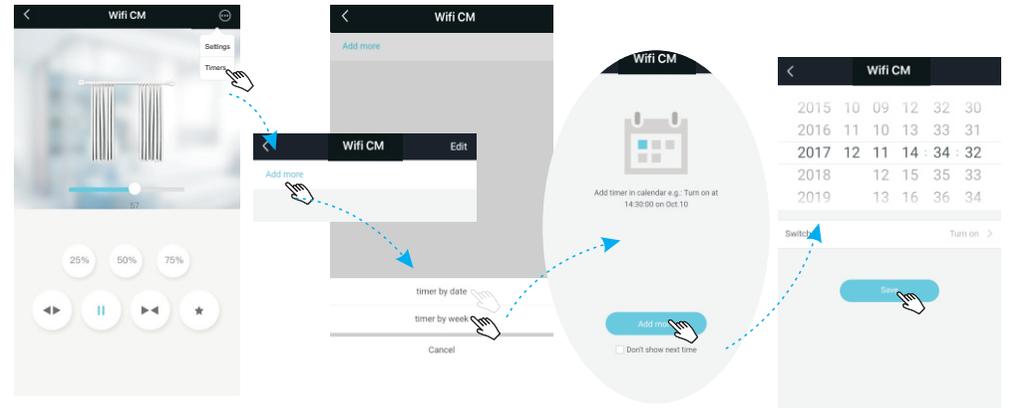
- 5 Enter the main control page, click the curtain motor to enter the operation page.
- 6 According to the interface prompt operation to determine the curtain is to move to both sides, and then click Next; the motor continues to run to your desired position, click the stop button, and then click the Set as favourite position, and then click the on / off button until the motor limit is met, the limit setting is automatically set. The interface automatically jumps to the curtain control interface.
- 7 Control curtain percentage /on/off/ 3rd Intermediate Limit Positon.

## Scene Control



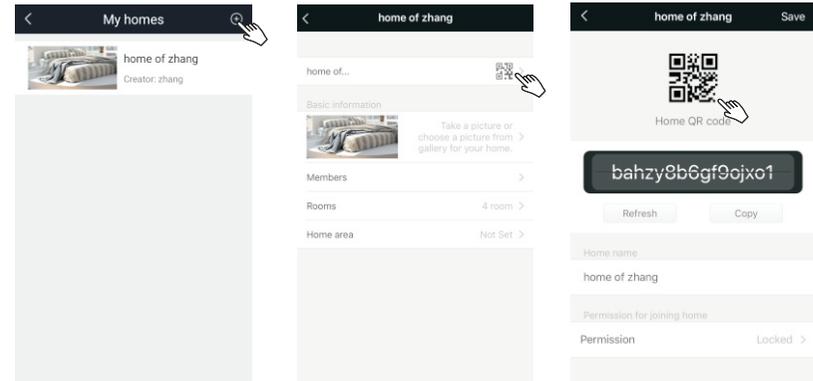
- 1 Add button to add scene;
- 2 Set the scene picture, scene name, click "Add appliance";
- 3 Select the motor;
- 4 Select the performing action, and save;
- 5 saved successfully, you can control the motor.

## Timer



Click "Timers", select "Add More", choose specific time or daily, weekly time schedule as needed, then set the required time and save the timing setting.

## Home Share



In "My home", click the upper right "+", click your QR code to share your setting data with your home members. The other home members can scan the QR code to join in this home without resetting the devices.

# Curtain Motor Instruction



## FAQ :

### > Why is configuration unsuccessful?

- 1) Please confirm that the phone is connected to WiFi and ensure that the router can be normally connected to the Internet.
- 2) Make sure the motor's WiFi is reset successfully, press learning button 4 times, the motor will vibrate 2 times, if just once or none , please re-operate;
- 3) If the motor of the current operation has been added to the current account, please enter the equipment list to see if the motor has been added;
- 4) If the currently operated motor has been added to another account, the current account will not be able to be added again. Please delete the currently operating motor added in other account.

### Built-in Wifi module parameters

RF range	2.412 GHz-2.484 Ghz
Wireless standard support	IEEE 802.11 b/g/n
Data rate	11M@802.11b,54M@802.11g, MCS7@802.11n
Security support	Encryption standard:WEP/WEPA/WPA2 Encryption Algorithm:WEP64/WEP128/TKIP/AES
RF power	802.11b:16dBm 802.11g:14dBm 802.11n:13dBm
Receiver sensitivity	802.11b<-78dBm 802.11g<-68dBm 802.11n<-66dBm
Network Type	STA/AP

- Wi-Fi signal in the transmission process, any obstacles will cause loss and interference to it. The network where the mobile phone uses the device can access the Internet normally. It does not mean that the network here satisfies the normal use of the smart device. So you need to check the status of the network at the device.

**Note: If the above points are met, the device still fails to be configured. Download "WiFi Box" and check the network status. The signal strength of the general network is around -60dbm, and smart devices can be configured normally.**

### > Why can not remote control?

- 1) Please ensure that the router can be properly networked;
- 2) Please ensure that the motor and router can be properly connected.

### > Why does the device appear offline?

- 1) Please ensure that the motor and router can connect properly;
- 2) The number of devices that the router can connect to is limited. Please check whether the number has reached the upper limit. If so, please increase the number of routers or choose the routers that can connect.