

Safety Precautions

1. The weight of the hanging curtain should not exceed the maximum weight of the electric opening and closing curtain system.

2. The top environment of the installation track must be able to bear all the weight of the track, motor and curtain cloth.

3. The motor needs to be installed near the end of the power supply.

4. Please install the electric opening and closing curtain system horizontally, not vertically or in uneven places.

5. Do not allow children to operate alone, so as not to drag the curtain hard and cause accidents.



Product Parameters

Type	NCS11	Current	0.3A
Size	44mm x 44mm x 312mm	Moving Speed	110rpm
Voltage	100-240V	Max Load	65 Kg
Power	80W	Insulation Class	E
Torque	2.0N	Protection Class	IP41

Function Description



VOICE



TIMING



ONEKEY



LONG-RANGE



OBSTACLE



TOUCH



HAND PULL

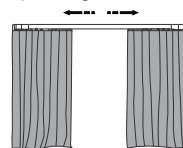


MUTI CONTROL

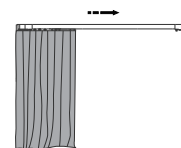
Please read this instruction manual carefully before using the product and keep it properly.

Pre-installation Notice

1. Opening and Closing Mode

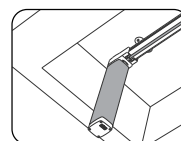


Double side
(Open from the middle to the side)

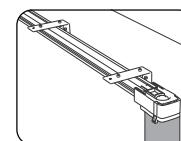


Single side open
(Open from left to right or from right to left)

2. Mount Method

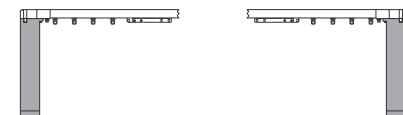


Top install
Can be mounted with or without curtain box



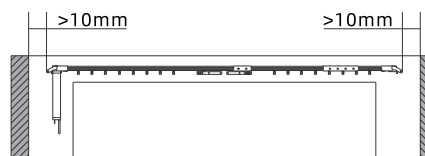
Side install
Only without curtain box can be mounted

3. Location of motor installation



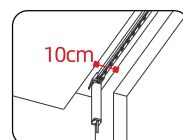
The motor install on the left The motor install on the right

4. Install Dimension

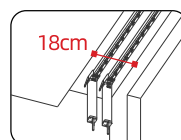


The distance between track and wall is at least 10 mm.

5. Curtain Box Size Reservation

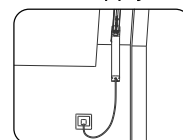


Single track system

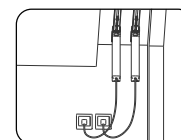


Double track system

6. Power Supply Reservation Instruction

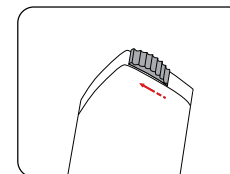


Single track system
power supply reservation

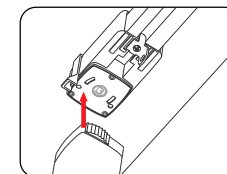


Double track system
power supply reservation

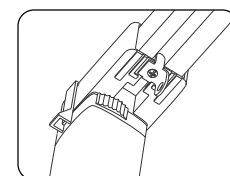
Motor Assembly Steps



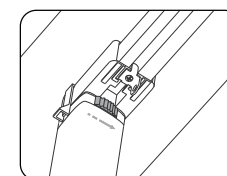
1. Check whether the clip is in the position shown in the figure. If not, please move the clip to the left.



2. Align the motor drive shaft with the flat hole of the main transmission case gear.

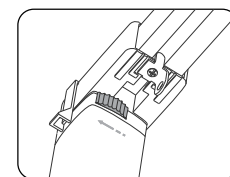


3. Insert the motor drive shaft into the flat hole of the main transmission case gear and adjust it to the matching position.

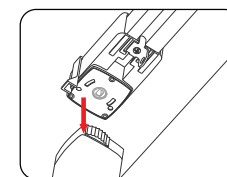


4. Toggle the latch to the right and fasten it.

Motor Disassembly Steps

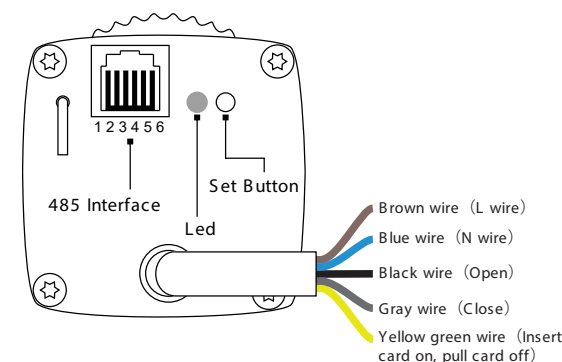


1. Pull down the latch and toggle to the left.

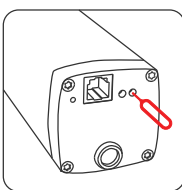
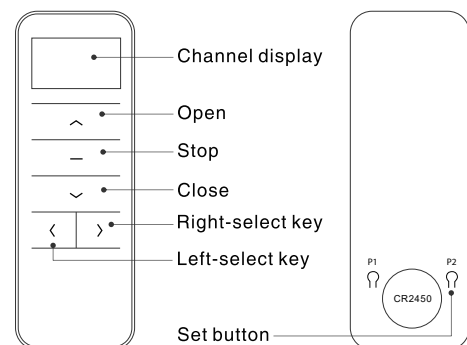


2. Take out the motor downward.

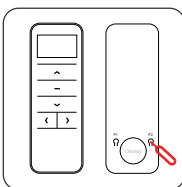
Motor Structure Diagram



Remote Control pairing Steps



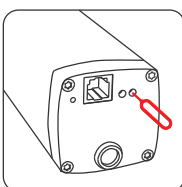
1. Press and hold the motor setting key for about 5 seconds, the indicator light will be on, and then release it.



2. Press the "left selection key" or "right selection key" of the remote control to select the remote control channel. After the remote control channel is confirmed, press the setting key on the back of the remote control, and the motor indicator light goes out, indicating that the code matching is successful.

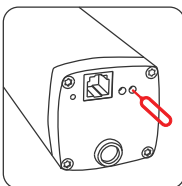
3. After reading the code, press the remote control, and the motor will automatically position the travel.

Restore Original Setting



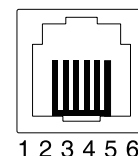
Press and hold the curtain motor setting key for about 5 seconds, the indicator light is on, and then release it. Press and hold the motor setting key for about 7 seconds, and the motor indicator light goes out, indicating that the pairing is cancelled successfully.

Switch The Running Direction



Press and hold the curtain motor setting key for about 15 seconds until the motor indicator flashes, release the key, and the motor will run in reverse.

Smart Central Vontrol



The function of 6P plug:

- | | |
|-------------|-------------|
| 1. RS485 A- | 4. Stop |
| 2. Open | 5. Common |
| 3. Close | 6. RS485 B+ |

1. The contact time of the dry contact mode is more than 0.5 seconds.
2. There are three dry contact control mode for you to choose, please specify when ordering.

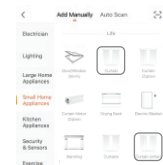
Intelligent weak current Control mode A (4 line)			Intelligent weak current Control mode B (3 line)		
5	common		5	common	
5-2	open		5-2	open	
5-3	close		5-3	close	
5-4	stop		5-2-3	stop	

Intelligent weak current control mode (3 line)					
5	Common				
First 5-2	Open	Second 5-2	Stop	Third 5-2	Open
		Second 5-3	Stop		
First 5-3	Close	Second 5-3	Stop	Third 5-3	Close
		Second 5-2	Stop		

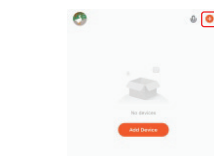
Motor Networking



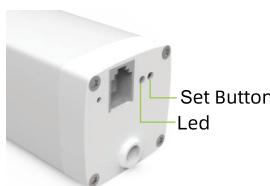
1. Scan the QR code or search for "Graffiti Smart" app in the app store to download and register for the graffiti account.



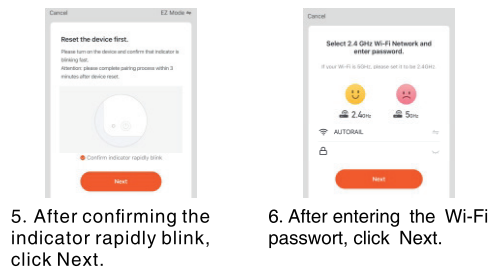
3. Android system select "Small Home Appliances" - "Curtains (others)"; IOS system select "Small Home Appliances" - "Curtain (other)" or "Curtain".



2. Open the "My Home" interface of the graffiti smart app and click the "+" icon in the upper right corner.

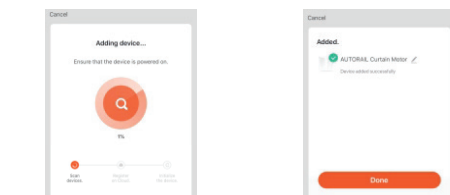


4. Power on the Wi-Fi motor that needs to be equipped with the network. Press the set button of the motor, the blue light is on, then release it. Press the set button again, the blue light flashes quickly.



5. After confirming the indicator rapidly blink, click Next.

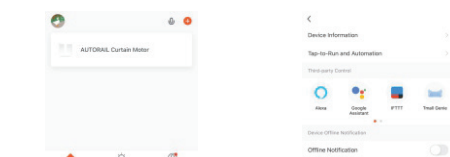
6. After entering the Wi-Fi password, click Next.



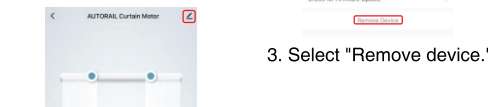
7. Adding device... If the time is over, please follow the above steps to re-operate.

8. The device added successfully, click Done.

Motor Without Networking

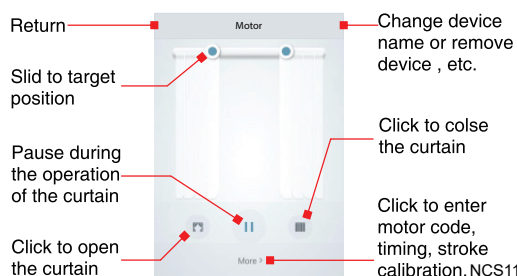


1. Open the "My Home" interface of the Graffiti Smart app and select the device to be removed.



2. Click the icon in the top right corner.

Interface Description



Voice Control Method

Tuya smart motor supports Amazon Alexa, Google home etc control.

Voice Control Method:

1. Network the smart curtain motor through the "Tuya Smart" app.
2. Bind the Tuya smart account to the APP corresponding to the voice assistant to perform voice control.

TuyaSmart Docking Amazon Alexa

1. Download the "Amazon Alexa" app and add the required docking Alexa according to the prompts (the voice assistant needs to be connected to the same wifi with the curtain motor).

2. Open the "Amazon Alexa" app, Tap "Skills&Games" in the hamburger menu, then search "TuyaSmart". Select "TuyaSmart" and tap "ENABLE" to enable the Skill.

3. You will be redirected to the account link page. Type in your TuyaSmart account and password, don't forget to select the country/region where your account belongs to. Then tap "Link Now" to link your TuyaSmart account.

4. After the authorization is successful, the Tuya smart will automatically connect to the paired smart curtain motor, click on the device synchronization, you can start to use the Alexa voice control the electric curtain.

TuyaSmart Docking Google Home

1. Download the "Google Home" app and add the required docking Google home according to the prompts (the voice assistant needs to be connected to the same wifi with the curtain motor).

2. Open the "Google Home" app. On the homepage of Google Home app, click the button in the lower right corner, select "MORE SETTING", select "Home CONTROL" under the list of "ASSISTANT", and then click the plus sign in the lower right corner.

3. Find "TuyaSmart" in the list. In the new window, select your TuyaSmart account's region, type your TuyaSmart account and password, then tap "Link Now". After you assign rooms for devices, your devices will be listed in the Home Control page.

4. After the authorization is successful, the Tuya smart will automatically connect to the paired smart curtain motor, click on the device synchronization, you can start to use the Google home voice control the electric curtain.