TB30B Smart curtain kit User manual

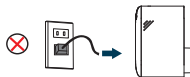Please read this manual carefully before using the product!

⚠ Cautions

No entry into water

Do not disassemble

Do not plug in before completing installation
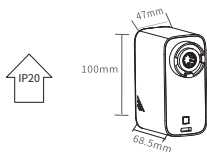

After installation, do not forcefully pull the curtain

Do not strike, collide and fall


Use after firmly installing

Functions

Soft start(Cancelable)+stop when blocking + electric stroke +slow start and stop + overtime protection+ remote control + reset + reverse setting +speed regulation +Dry contact(optional) + Tuya/Smartlife control(optional)

IP20

47mm

100mm

68.5mm

Rated voltage: AC100-240V 50/60Hz
Working temp: -5℃-45℃
Rated Power: 28W
Rated torque: 1.8N·m
Noise: <35dB
Rated speed: 9.4 cm/S
Rated revolution : 62 r/min
Overtime protection: 3min
Protection grade: IP20
Insulation class: E
Remote: 433.92MHz
Wi-Fi/Zigbee: 2.4GHz
APP: Tuya smart/Smartlife

Profile & Wiring

Indicator

Setting button

Module cabin

Type-C port
Dry contact port
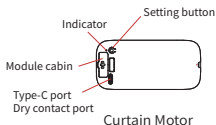
Curtain Motor

AC Power cable

Module plug-in design

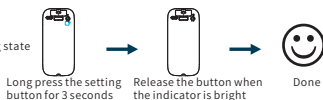API — Standard interface and specifications

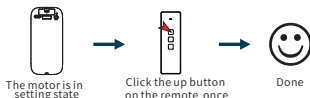Easy to switch to other modules

Hot-swap and Fast plug-in
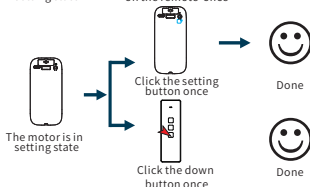
Secondary development and customization

Enter the setting state

Long press the setting button for 3 seconds → Release the button when the indicator is bright → Done

The setting state goes out within 10 seconds if there is no other operation !

The motor is in setting state → Click the up button on the remote once → Done

---

Reverse Settings

The motor is in setting state → Click the setting button once → Done
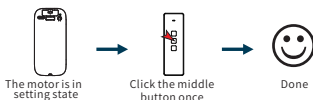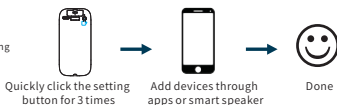
→ Click the down button once → Done

● It is effective only when the the remote in use has been learned!

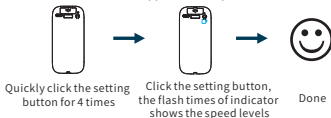● The working direction of all the controls will be reversed after setting!

Soft start

The motor is in setting state → Click the middle button once → Done

It is effective only when the the remote in use has been learned!

Motor networking

Quickly click the setting button for 3 times → Add devices through apps or smart speaker → Done

---

Speed setting

Quickly click the setting button for 4 times → Click the setting button, the flash times of indicator shows the speed levels → Done

● The indicator goes out in 6 seconds automatically if there are no more operations.
● 3 levels are settable.
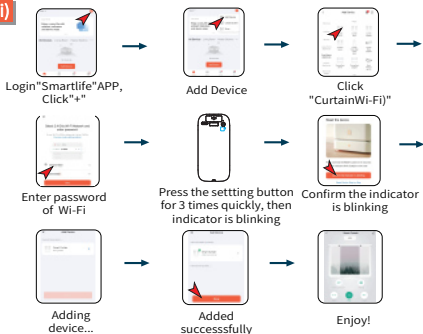● Default speed level is 2.

Reset (Clear Code)

The motor is in setting state → Long press the setting button for 3 seconds (3 seconds) → Done

Smartlife (Wi-Fi)

Scan and get Smartlife

Login"Smartlife"APP, Click"+"

Add Device

Click "CurtainWi-Fi")

Enter password of Wi-Fi

Press the settting button for 3 times quickly, then indicator is blinking

Confirm the indicator is blinking

Adding device...

Added successfully

Enjoy!

Smartlife (Zigbee)

Login"Smartlife"APP, Click"Gateway"

Enter Zigbee gateway, "Add subdevice"

Confirm the indicator is blinking

Press the settting button for 3 times quickly, then indicator is blinking

Adding device...

Added successfully

Enjoy!

Rail exploded view

Clamp Wheel Runner Belt Runner Wheel Clamp

Rail

Main gearbox

Rail connector
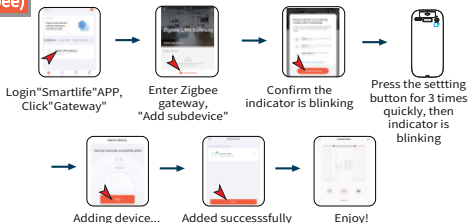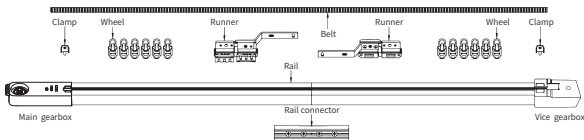
Vice gearbox

Cutting dimensoin of rail=Total length-Main gearbox 145mm-Vice gearbox 71mm
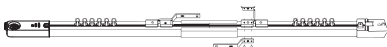
Main gearbox

Belt

1, Pass the belt through main gearbox

2. Show 3 teeth at the both ends of the belt, cut after alignment

1.Align the rail and gearbox, but do not insert the rail to main gearbox

2,Cut the belt

1.Hold the main gearbox

2.Take out the rail by 5-10cm

4.Make the first mark on the belt (red mark)

3.Ensure the both ends of the rail
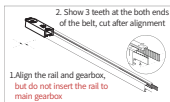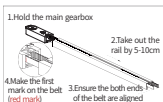
3, Make the 1st mark on the belt
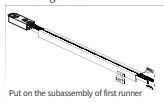
Put on the subassembly of first runner

4, Place the first runner

1.Put in the 1st runner subassembly, pull the belt follow the arrow

2. The first mark (Red)

3. Make the second mark (yellow) at the position which 9 teeth apart from the first mark.

5, Make the second mark

Place the second runner at the position of the second mark (yellow)

6,Place the second runner
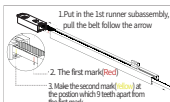
2. Clamp

1. Wheels
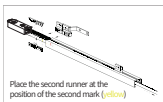
7, Place the wheels and clamp
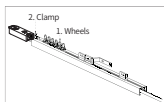
Fix the rail and main gearbox by clamp

8, Fix the main gearbox
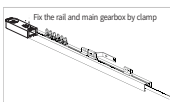
The belt passes through vice gearbox
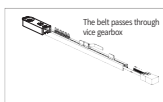
9, Place the vice gearbox
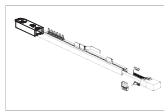
10, Put on the subassembly of the first runner

1. Wheels

2. Clamp

11, Place the wheels and clamp

3. Place the end hook on the main gearbox

1.Fix the clamp

2. Connect the subassembly
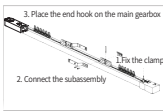
12, Fix the first runner and complete the assembling
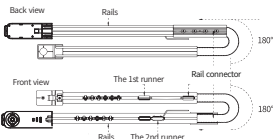
2, Join the rails by connector

Align the rails and connect together

1, Open the box

Back view

Rails

180°

Front view

The 1st runner

Rail connector

180°

Rails

The 2nd runner

Fix the screws on the connector
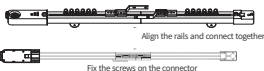
3, Connect and fix the fisrt runner on the rail

4, Put on the ceiling brackets and complete the assembling

FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in mobile exposure condition without restriction.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.