User Guide

Roller Shutter Controller

Product Description:

ERC2206-W Mini Wireless Receiver (Roller Shutter) supports WiFi 2.4G and RF 433, which can be controlled by Tuya App and wireless kinetic switch. Voice control is available too through smart speakers, like Google Assistant, Amazon Alexa.
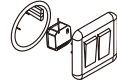
Light Indicator —— Pairing Button

—— Terminals
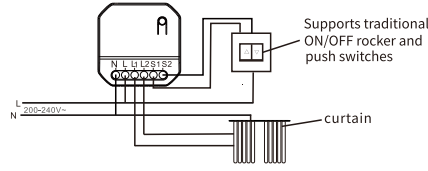
ERC2206-W Roller Shutter Controller

Specifications:

Product Model: ERC2206-W   Output Channel: dual channel

Voltage range: 100-240V~ 50/60Hz   Maximum Current: 1.7A

Maximum Powerreactive: load 374W (220V~input)

Control distance: 50m outdoor, 52m indoor

ON/OFF Life Time: ≥30000 times   Product Size: L44*W44*H22mm

Communication Way: WiFi IEEE 802.11 b/g/n 2.4G & RF 433MHz

Attention: Distance comes from laboratory test results. The actual distance in practical use might vary due to environmental difference.

Installation Locations:

Mounted into the switch box or electrical socket

Supports traditional ON/OFF rocker and push switches

curtain

Wiring diagram

Network pairing:

1. Download APP and follow the indication to register an account

2. When receiver is powered on, it enters to default mode for network pairing, LED light flashes twice per second.

3. If the indicator does not blink, follow the steps below to reset network mode. There are two ways for the controller to enter the distribution network:

By controller:

Press hard on receiver button for 10 seconds, release the button when indicator is solid on, then indicator will be fast blinking in 1-2 seconds. Now it comes to the nextwork pairing mode.

By Wired switch(For reset only)

Long press the wired switch button for 10 seconds, and the curtain will be opened for 3 seconds and closed for 3 seconds, that is, the controller will enter the distribution network state

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The Pairing Method for Wireless Kinetic Switch:

1. The phone connects to 2.4g WiFi (5G WiFi is not supported), Open the wireless Kinetic APP page and click the page The upper right corner of the "+"

2. Find the WiFi Roller Shutter control and select corresponding The icon

3. Click Next

4. Wait until the connection succeeds

Cancel Network Pairing:

(1) By controller

Long press pairing button from receiver for 10 seconds, then release the button when indictor is solid on, indicator will have fast blink that indicates network pariing mode is activated. Previous pairing is removed.

(2) By APP

1. Enter the App page, click∠ on the top right conner.

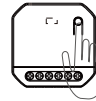2. Remove the device as per indication, and click "confrim

(3) By Wired switch (For reset only)

Connect Receiver to the power supply for 2 minutes, long press wired switch for 15 seconds, the driver motor works at reversal, pairing is removed. (For example, the curtain is opened, long press 15 seconds to close, namely the pairing is removed), it will start a new network pairing mode, use APP to add the device now. If the receiver is powed on
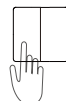
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for more than 2 minutes, the pairing information cannot be removed by wired switch.

The Pairing Method for Wireless Kinetic Switch

(1) By Receiver:

long press the pairing button for 3 seconds, receiver enter pairing mode, indicator has a slow flash (once per second)

Press any key of the switch once to get paried, indicator goes off means the pairing succeeds.

1. IF 2 gang switch is paired, press the right key to open the curtain (default), press once again it stops opening. Press the left key to close the curtain (default), press it once again to stop closing.

2. If 3 gang switch is paired, press the right key to open the curtain, the middle key to pause, the left key to close.

3. Press the keys against the direction it runs, curtain will run at opposite direction after a second.

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(2) By Wired switch

1. Fast press the wired swiches repeatedly for 5 times within 2 seconds, since the power (for receiver) is on. it indicates the pairing mode is activated. Press any key of the wireless kinetic switch to get paired.

2. If the receiver is powered on for more than 2 minutes, wired switch cannot enter pairing mode.

(3) App Method

Enter the App page, click "Pairing" -> "Start Pairing". After the App page displays "waiting for pairing", press the key of the wireless kinetic switch required to get paired. ("Pairing succeeded" wil be displayed when after pairing is completed.)
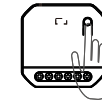
Remove the pair of switches

(1) By APP

Enter App page, click "Pairing" -> "Unpair". The App page indicaes Unpair succeeds when it is completed.

(2) By controller key

Long press receiver button for around 12 seconds, indicator performs flash - on - off, loose finger from the button, all pairing will be removed. To pair it again, please follow the pairing method listed before.

Hold for about 12 seconds and the indicator blinks, lights on, and finally goes off

Wired switch control

The controller supports automatic detection of wired switch type (rocker type or reset type: after the controller is powered on, press the wired switch once to set the current wired switch type (for example, after the controller is powered on, if the pressed wired switch is rocker type, set the wired switch to rocker type). if you need to reset the wired switch type, you need to power off the controller and then power on, and repeat the above steps.

Repeater mode

Long press the receiver for 7 seconds, indicator flashes from slow to quick (twice flash per second). Loose finger when it presents fast flash, receiver activates the repeater function, indicator has a flash every 2 seconds. Repeat the above steps that is to get repeater function closed. With repeater funtion, it helps to extend the wireless distance.

Certificate / Inspected