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Tooya (Gemismart)

# Zemismart Tuya Zigbee Roller Shade Motor (Zemismart Blind Motor, Old Remote Control)

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2020. 5. 10. 13:52

Add neighbors

#Zemismart #tuya #Zigbee #blind #Rollershade #38mmtube

As soon as you pair with the app, you must first connect the remote control and configure the upper and lower settings.

Otherwise, the motor will continue to rotate without knowing the top or bottom.

I would like to write about how to unbox and install the Zemismart tuya zigbee roller shade motor.

There are two ways to use this product.

First, since you use the Smart Life app, you basically need a tuya zigbee hub. The zigbee hub must be installed in the Smart Life app in advance. ( <https://blog.naver.com/2kiu/221938005790> )



tuya zigbee wireless hub installer  
#tuya #zigbee hub #hub #smartlife Among the equipment that uses the t...  
[blog.naver.com](https://blog.naver.com)

Second, it can be used by connecting directly to the Smarththings hub. You can connect by installing DTH.

Instructions for installing DTH can be found at the link below.

Thank you Shinjang and Lulu Happy.

<https://cafe.naver.com/stsmarthome/19630>

<https://raw.githubusercontent.com/shin4299/XiaomiSJ/master/devicetypes/shinjang/zemismart-zigbee-blind.src/zemismart-zigbee-blind.groov>

↵

```
/** * Tuya Window Shade (v.0.1.0) * Copyright 2020 iquix * * Licensed un...  
raw.githubusercontent.com
```

release

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Crown and Drive adapter



Drive adapter

Inside the box are Tubular moto, Manual, Crown (rubber material), and Drive adapter (rubber material).



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9-channel remote control



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### Buy mid-range

The motor fits 38mm blind center rod. However, most products sold are 30mm. The blinds in our house also use 30mm medium rods. I couldn't buy it again, so I tried to buy only the 38mm middle bar in order to recycle it as much as possible. You can easily find 38mm mid-rod products on Ali, but the shipping costs are high, so there is not much merit in purchasing them.

After receiving information about a place where I could purchase it in Korea, I was skeptical and purchased option 21 electric roll center rod (diameter 42mm).

<https://smartstore.naver.com/changane/products/3046485740>

One thing to keep in mind when purchasing is that it is used in blinds from other companies, so you must measure the exact length of the middle rod with a tape measure and request it when ordering. They say that when they say they are going to use it for their blinds, they arbitrarily cut it to a slightly smaller size and send it to them.

I ordered 148cm, but later received a call to confirm the size. (11,000 won \* 2,500 won (shipping fee))

## 21 전동롤 중봉

**주문길이는 배송메세지에 기재해주세요**

~59cm **4,000원**  
 60cm~129cm **7,000원**  
 130cm~179cm **11,000원**  
 180cm~240cm **16,000원**




- ✓ 창안에 제품이 아니면 사이즈가 맞지 않을 수 있으니 확인 후 주문해주세요.
- ✓ 제품 구매 시 기재된 사이즈를 꼭 확인 후 구매해주세요.
- ✓ 부속별로 사이즈가 다릅니다. 옵션 선택시 유의해서 구매해주세요.
- ✓ 중봉은 cm별로 가격이 상이합니다.

The 38mm products sold by Ali usually have holes on only one side (the part where the curtains are attached), whereas the products in the window have holes on both sides.

The hole size is also different from Ali products.



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installation





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First, you need to replace the middle rod of the existing blind. It can be easily replaced due to its simple structure. However, unlike before, there are two holes at the top and bottom in the middle, and the holes are smaller in size. So, in order to insert it into the center hole, you need to cut about 1-2mm of blind fabric and insert it.

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The drive adapter has a wide hole and a small hole. It is easy to insert if you insert it using the wide hole as a guide.



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When the motor is inserted all the way in, unlike the drive adapter, the crown is slightly large and does not go all the way in. The hole at the end of the middle bar must be trimmed using a file ( a hand tool for smoothing the surface of the workpiece).

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Working with files



Then, you can do the final assembly using the end cap and bracket.

Since the motor requires electricity, you must carefully decide whether to install the motor on the left or right side of the center



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## App settings (Smart Life App)

Zemismart shade motor is based on tuya, so set it up using the Smart life app.

To pair, press the "set key" on the motor **3 times within 5 seconds** .



Set Key

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00:36



**JayN**

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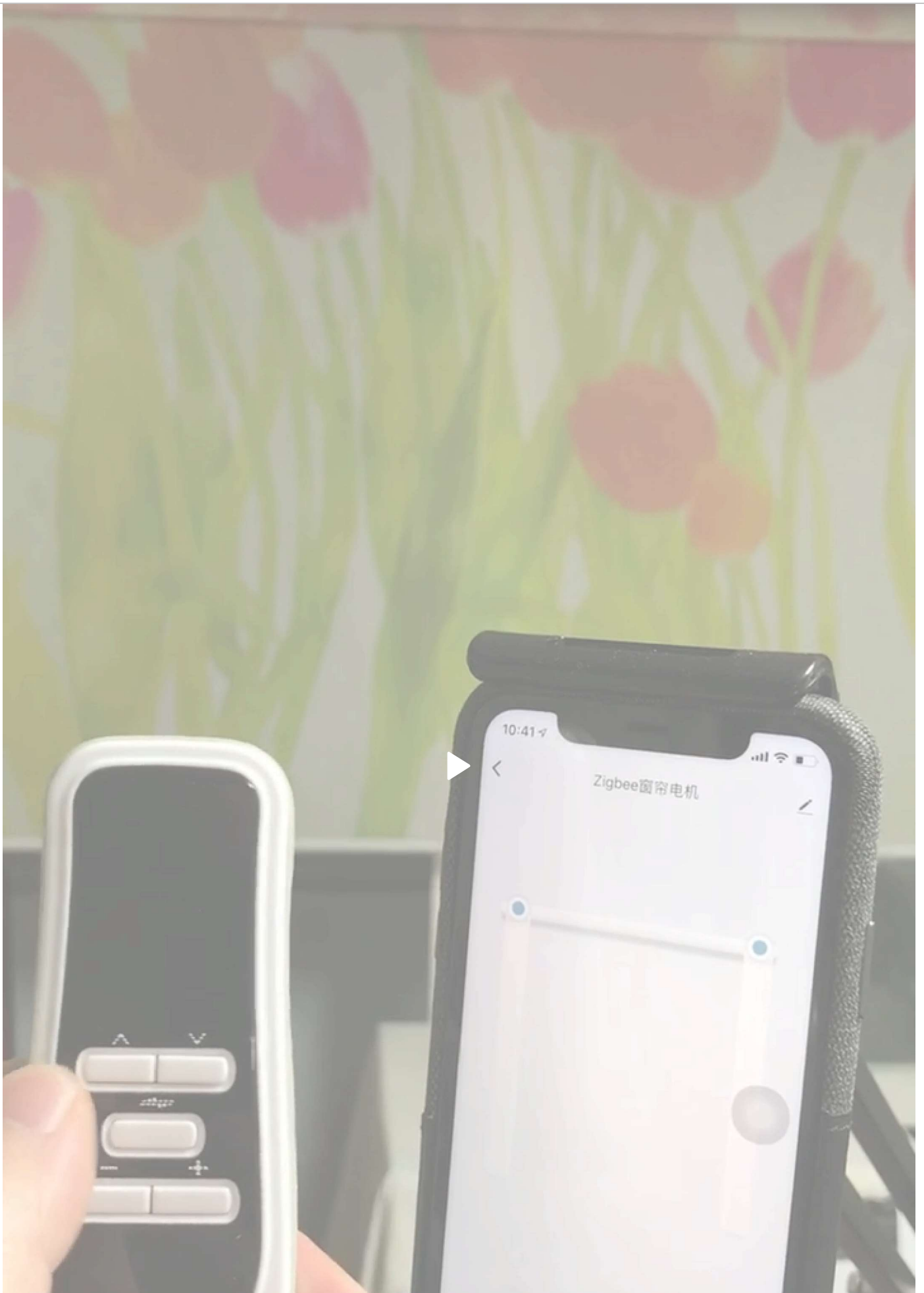
Just press the "set key" on the motor 3 times within 5 seconds and click add device.

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The app works well, but there is an error that says "Closeing" even when you press open or close.

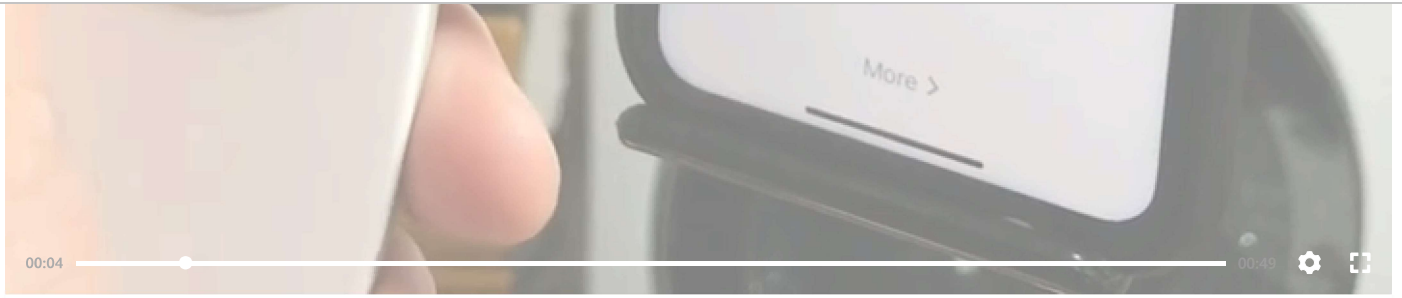
Operating video

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Remote control operation with Smart Life app

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01:20



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Smartthings new app



If you look at the product page, it says that you can change the direction of movement using the "set key" on the motor, but this doesn't work in reality (maybe because you don't know how to use it...). Instead, you can change it using the "set key" on the back of the remote control. (Others (see settings)

The direction of the remote control and the direction in the app do not match.

## Other settings

### SET Manual

The motor is connected to the remote control ( **pairing of motor and remote control** )

1.Choose one of the channel to connect with the motor by or button

Use the +, - keys to select the desired channel.

2.The motor is connected to the power supply, and then press the motor's "Set key" once, the motor tremble once, then press the "Up/open key" in less than 5 seconds. At last, the motor tremble once again , the connection is successful.

- 1) Press the channel button until "C(channel)" appears and press it again to select the desired channel. Usually select "1"
- 2) Press the reset button on the motor once and it will move slightly.
- 3) Pairing is completed with the motor slightly moving the Up key on the remote control within 5 seconds.

### The limit **initialization**

Press the motor's "Set key" 5 times in less than 5 seconds, then the motor tremble once, it means the motor travel limit initialization has succeeded

Press the "Set key" [on the motor 5 times.](#)

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Choose the channel which is connected to the motor by the remote control or key. Press the remote control "SET key" to do the following:

### Setting limit

Run the motor until it is at the position where you want

Press the remote control "SET key" once, the screen shows 1.

Press "up/open key", the motor trembles once, setting the up limit position.

Press "Stop key", setting the third position limit

Press "Down/ close key", the motor trembles once, setting the down limit position

1) Setting the upper position: Press the Up key on the remote control to place it in the desired position, then press [the set button on the remote control](#) once and then press the UP key.

2) Setting the bottom position: Press the Down key on the remote control to place it in the desired position, press [the set button on the remote control](#) once and then press the Down key.

3) Third position setting: Place it in the desired position, press [the set button on the remote control](#) once, and then press the Stop key.

To move to the set third position, press and hold the Stop Key. If you press it briefly, it literally stops.

Note> It seems that the limit must be reset (reset the motor 5 times) to set the upper and lower positions again.

Note 1> In order to set the third position, the upper and lower position settings must be given priority. If the upper or lower position setting is deleted, the third setting is automatically deleted.

### Delete the limit

Press the remote control "SET key" 3 times, the screen shows 3.

Press "up/open key", the motor trembles once, delete the up limit position.

Press "Stop key" delete the third position limit.

Press "Down/close key", the motor trembles once, delete the down limit position

리모컨의 "Set Key"를 3회 누른 후 삭제 하고자 하는 버튼(Up, Down, Stop중 하나)을 누른다.

Change the remote control direction.(리모컨의 전동 블라인드의 방향 설정)

Press the remote control "SET key" 4 times, the screen shows 4

Press "Up/open key", change the control direction. (Repeat this operation for "Up / open" to "Down / close" or "Down / close" to "Up /open")

리모컨 set key 4번 누르고 올림 버튼 한번 누르면 방향이 바뀝니다.

Lock or open the remote channel

Press the remote control "SET key" 4 times, the screen shows 4.

Press the "Stop key", setting the remote control lock or open the channel. (Lock the channel: Do this operation when you have chosen the channel which you want to lock. Open the channel: Do this operation whatever any channel Repeat this operation for lock or open the channel.)

Slow pause action (For example: setting limit)

Press the remote control "SET key" 4 times, the screen shows 4.

Press "Down / close key", switch motor slow pause action/ continuation move mode. (Repeat this operation for switch)

Delete the remote control from the motor(모터에서 리모컨 삭제)

Press the remote control "SET key" 5 times, the screen shows 5

Press "Up / open key" unbind the connection between the motor and the current channel.

Press "Stop key", unbind the connection between the motor and the current remote control Press "Down/close key" unbind the connection between the motor and all the remote control

To add extra or multiple remote

Press the remote control "SET key" 6 times, the screen shows 6.

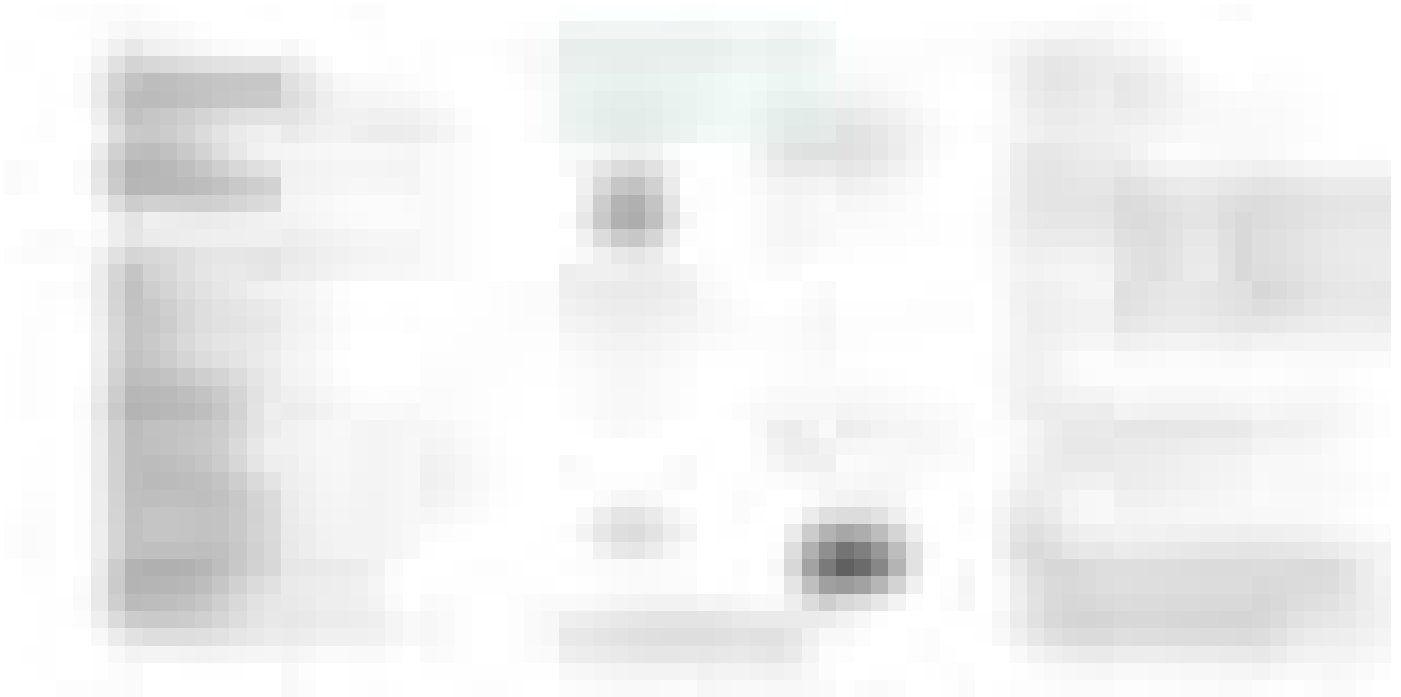


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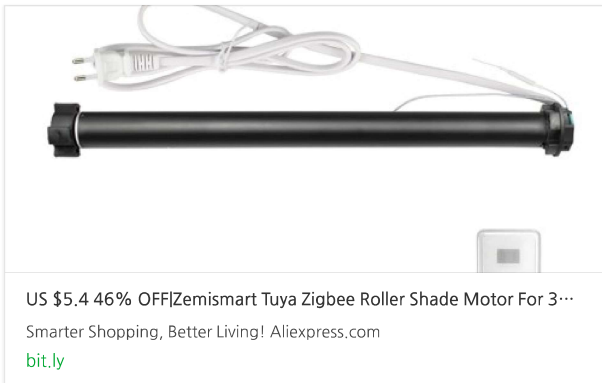


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구입처

<https://bit.ly/3bn83zw>



마지막으로...

국내 전동 블라인드 가격을 생각하면 zemismart roller shade motor의 최대 장점은 가격과 호환성이라 할 수 있습니다. 가격은 중봉을 별도로 구매한다고 해도 매우 만족도가 좋습니다.

투야 기반의 직비 모터로 기본적으로 Smart Life 앱을 사용하지만 Smarththings Hub에 연결이 가능한 DTH가 개발되어 있어 Smarththings hub에 연결이 가능합니다.

zemismart roller shade motor는 무언가 만지기를, 시도해 보기를 좋아 하시는 분에게는 좋은 선택지가 되리라 생각합니다.

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FirmTech Industrial ZigBee Product Line

Low power mode, mesh network support, various control examples provided, ultra-small ZigBee module sales

Global electronic components shopping mall Digi-Key

Free shipping over 60,000 won, same-day shipping
Same-day delivery of electronic components ordered, 11.5 million items from 1,900 manufacturers, 100% genuine, super special prices!



NXP Semiconductor official website

Automotive Industry IoT Mobile Communication Infrastructure Market Innovation Security Connection Solution Leading Company

#Zemismart #tuya #Zigbee #blind #Rollershade #38mmtube #Roller #38mm #shade #motor



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IT·컴퓨터

JayN의 IoT리뷰입니다. 요즘 관심있는 IoT 장치들이 많이 판매되고 있습니다. 그에 대한 리뷰를 진행하고 있으니 많은 관심 바랍니다. https://youtube.com/channel/UCR9w7LHtmV0F-LdHhS-EukQ

이웃추가

I've collected recommended items from Naver Shopping.

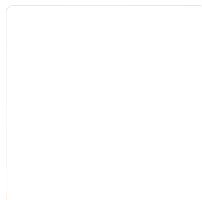


Daejeo Tomato



Salty Tomato

Progress indicator for Salty Tomato



shelf

this blog Tooya (Gemismart) Category Post



이 블로그의 #Zemismart 다른 글

제미스마트 매터 전동커튼 모터

2023. 12. 24.

Gemismart M

September 13, 2

제미스마트 통합 리모컨(Zemismart Smart Handheld controller Z1)

2023. 10. 28.

Review of Ze

September 5, 20



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measured crown 307 (Zemismart)

July 16, 2023

September 23, 2023

Gemis Smart 4-prong button (new?) review (TS0044 relaunched product)

Gemismart 3

2021. 11. 24.

January 21, 202

Gemis Smart ZigBee Energy Meter (SPM01)


GemiSmart 5

April 27, 2023

2022. 10. 28.



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매주 찾아오는 감성 디자인, 킬트상품 마켓

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