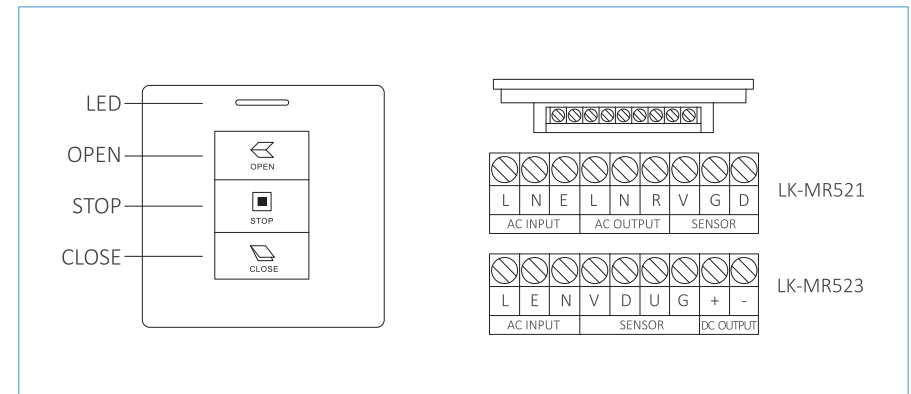# LK-MR52X Wi-Fi Actuator Controller

LinkAYL

■ Feature

- Wi-Fi APP available for IOS and Android
- Touch screen manual control
- 433MHz RF remote control, can pair with all LinkAYL remote
- Can be controlled by external sensor, such as rain sensor or smoke sensor
- Can store 8 transmitter signals
- Motor protection, cutting power off automatically in 5 minutes
- Standard 86 type, easy to install
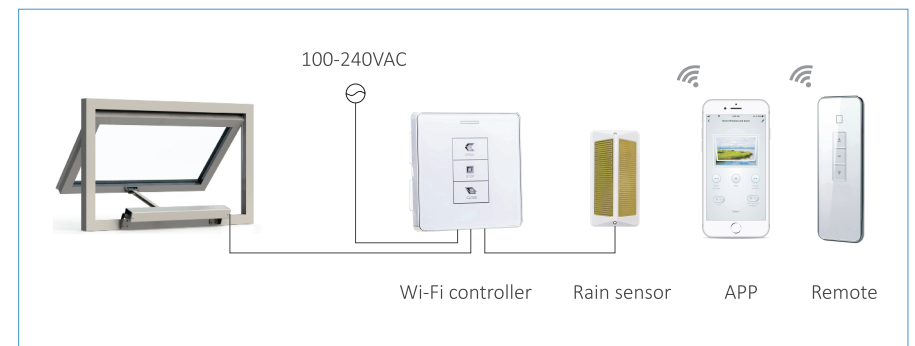- Working temperature is-10~+65℃

■ Ordering code

Model	Vin	Vout	Iout	Frequency	Sensitivity	Size
LK-MR521	100-240VAC	100-240VAC	0.2A	433.92MHz	-100dBm	86*86*35mm
LK-MR523	100-240VAC	24VDC	3A	433.92MHz	-100dBm	86*86*35mm

■ Button & terminal

LED
OPEN
STOP
CLOSE

LK-MR521
L N E L N R V G D
AC INPUT   AC OUTPUT   SENSOR

LK-MR523
L E N V D U G + -
AC INPUT   SENSOR   DC OUTPUT

AC Input		AC Output		DC Output		Sensor	
L	Live Wire	L	Forward	+	24VDC Positive	V	12VDC+
N	Null Wire	R	Reverse	-	24VDC Negative	D	Down
E	Earth Wire	N	Neutral			U	Up
						G	Com

■ Solution

100-240VAC

Wi-Fi controller   Rain sensor   APP   Remote

■ WiFi APP control

☐ Download APP Smart Life on Google Play (Android Market) or Apple App Store

> Smart Life - Smart Living
> Lifestyle   **GET**
> ★★★★★ 1.7K
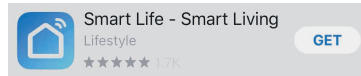
☐ Pair the controller with mobile phone

- Power the controller on, please place your router, mobile phone, and controller as close as possible
- Open APP Smart Life on your phone
- Register an account with a mobile number, set a login password. if you have registered an account, please enter your account and password to log in directly
- Enter the main interface of APP, click Add Device, Small Home Appliances, Door/Window
- Click Confirm indicator rapidly blink
- Enter Wi-Fi Password
- Keep pressing STOP on the controller for 8 seconds, red LEDs rapidly blink
- Click Confirm to register controller to smart cloud and initialize controller
- Controller added successfully click Done

☐ Control the window via APP

- Press Open Stop Close to control window
- User-defined time to Open Close window
- Third party control by Alexa, IFTTT, Tmall Genie, DuerOS, Rokid in some countries or regions

■ RF remote control

☐ Matching code

- Power the controller on, press STOP on the controller for 5 seconds
- Press UP on the remote within 15 seconds
- Codes are matched after LED flashes 3 times

☐ Clearing single code

- Power the controller on, press STOP on the controller for 5 seconds
- Press DOWN on the remote within 15 seconds
- Code is cleared after LED flashes 3 times

☐ Clearing all codes

- Power the controller on, press STOP and CLOSE on the controller for 5 seconds
- All the codes are deleted after LED flashes 3 times

☐ Changing direction

- Power the controller on, press OPEN and CLOSE on the controller for 5 seconds
- Directions are changed after LED flashes 3 times

☐ Inching mode

- Power the controller on, press OPEN and STOP on the controller for 5 seconds
- Setting is ok after LED flashes 3 times
- Repeat the action, it turns to normal mode
- It can work continuously when pressing the OPEN or CLOSE for more than 1.5 seconds

■ Installation note

- Please observe the following provisions in accord with standard of effective power
- Do not use metal objects to touch or shade the receiver, avoid the interference of receiving signals
- Transmit distance: 50 meters without obstacle, 20 meters through wall
- The installation distance between the receiver and ground, between the receiver and the ceiling is more than 1.5 m, between two receivers is more than 0.2 m
- The main power supply must be cut off before installing wiring
- In order to prevent electrostatic interference, must ensure that the receiver is effectively grounded
- After the installation, ensure that the receiver and cable are not affected by tension

■ Troubleshooting

No.	Symptom	Solution
1	LED flashes, receiver shut down	1. Check the connection of wires 2. Check the receiver setting
2	LED on the transmitter is off or weak	1. Make sure the right installation of the battery 2. Change the battery
3	The transmitter and the receiver work well, the motor does not work	1. Check the wiring of motor 2. Make sure the motor no failure