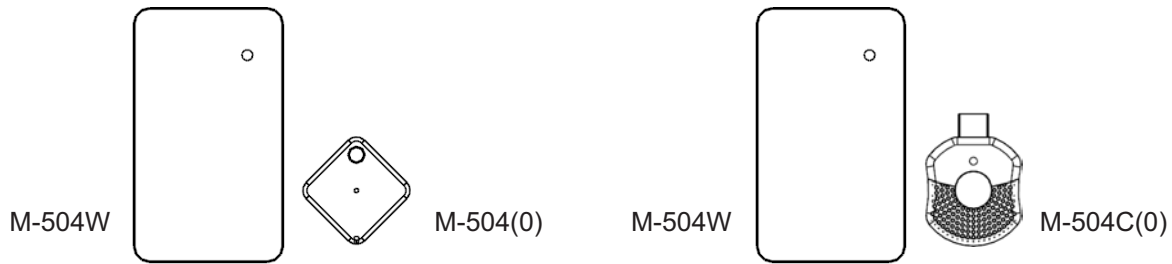


Operation Instructions

Make your choice...

M-504W Electronic RFID identify Recognizer tag set

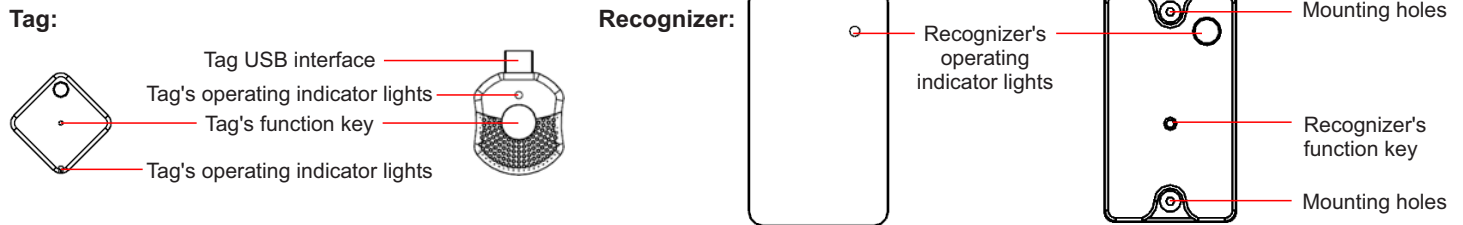


1 Safety Instructions

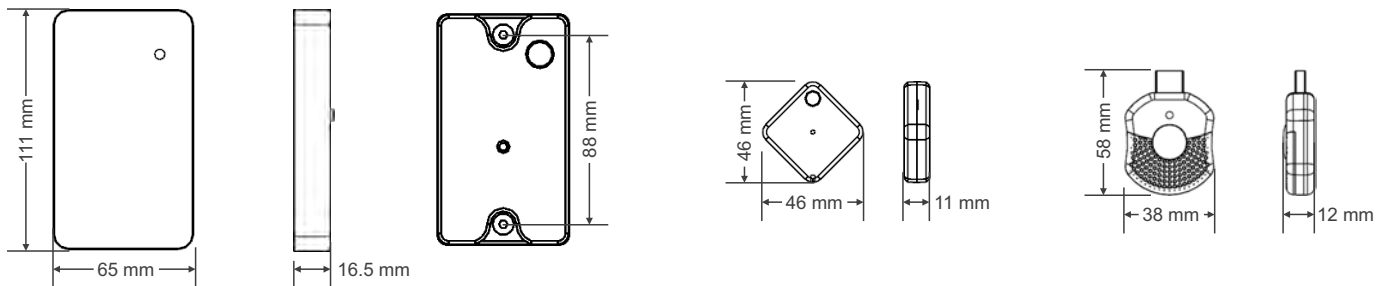


Thanks for your purchasing, please refer to the following manual carefully before using.

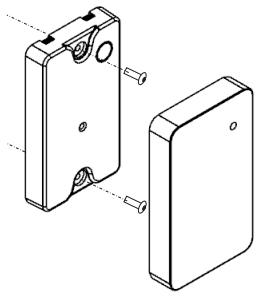
2 Product Overall



3 Product Dimension



4 Installation Instruction



- Receiver:**
1. Pry and open the housing by a screwdriver along the notch on the bottom of the receiver.
 2. Drill two mounting fixing holes and one cable hole according to the size drawing, in the appropriate position on the door head where the receiver needs to be installed.
 3. Fix the receiver with the provided screws bag.
 4. Thread the cable through the hole with the attached cable carefully.
 5. After debugging, buckle the cover tightly.

- Tag:**
- M-504(0): Remove the screws, pry and open the housing by a screwdriver along the notch on the side, and fasten the screws after installing the battery.
- M-504C(0): Plug it into the USB port of the forklift or robot.

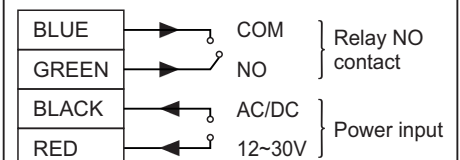


NOTE: Please don't install the receiver on the metal surface, or place it behind the metal baffle, it will affect the sensing range.

5 Led Indicators And Wiring Instruction

	Red indicator always on	Red indicator flashes	Blue indicator always on	Green indicator flashes	Green indicator always on
Receiver	Standby state	Receive a matchable tag signal	Receive a matched tag signal and output opening signal	Wi-Fi connection mode	Wi-Fi connection successfully
Tag	Red indicator flashes				
	Receive the receiver's sensing signal and output opening signal				

Wiring Instruction



6 Function Instructions

1, Learning method

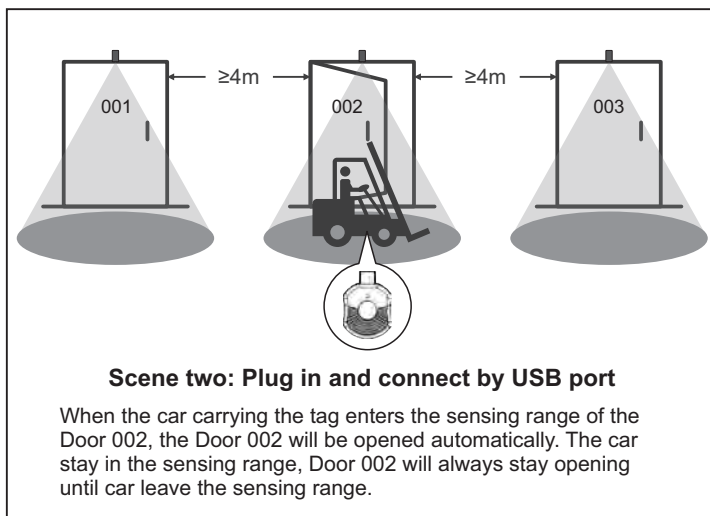
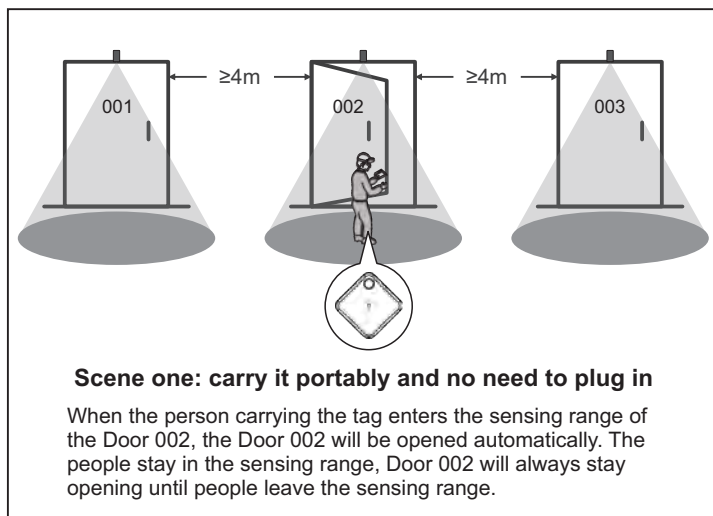
Press the recognizer's function setting key, the red indicator light turns to blue LED indicator, within 5 seconds, press the tag's setting key, blue indicator light of recognizer flashes 3 times, learning is successful, up to 200pcs tags can be matched.

2, Delete method

Press and hold the recognizer's setting key, until blue indicator light of recognizer flashes slowly, then release it, blue indicator lights is always on, wait for the blue lights turns to red lights, all tags will be deleted. (Note: press for 5 seconds, blue light flashes slowly, press for 10 seconds, blue light flashes quickly)

3, Sensing distance setting

Sensing distance with 3 levels: the 1st level is 1 meter, the 2nd level is 3 meters, the 3rd level is 5 meters. Press and hold the recognizer's setting key, the tag's indicator light flashes once, twice, three times, once.....form a cycle. When the tag's indicator light flashes once, and release the setting key, that is in the 1st level. Flash twice means in the 2nd level; flash three times means in the 3rd level.



When the distance between the two adjacent doors is less than 4 meters, the tag sensing invalid and the door does not open, please try to reduce sensing distance of the tag.

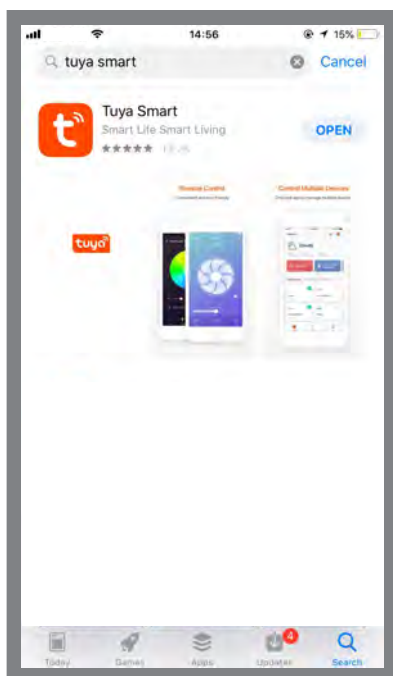
7 Technical parameters

Recognizer	Tag
Access authorization: Learning code	Power supply(504(0)): 3V (CR2032 cell buttons)
The min distance between door and door: 4 meters	Power supply(504C(0)): 5V
The max quantity of the tag: 300pcs	Standby current: 10μA
Output signal: COM, NO, Dry contact	Transmitting current: 2mA
Output delay time: 2.5 seconds	Launch range: Three levels adjustable (1,3,5 meters)
Power supply: AC/DC 12~30V	Dimension(504(0)): 46mm(L)x46mm(W)x11mm(H)
Current: Action 196mA, standby 125mA	Dimension(504C(0)): 58mm(L)x38mm(W)x12mm(H)
Dimension: 111mm(L)x65mm(W)x16.5(H)mm	

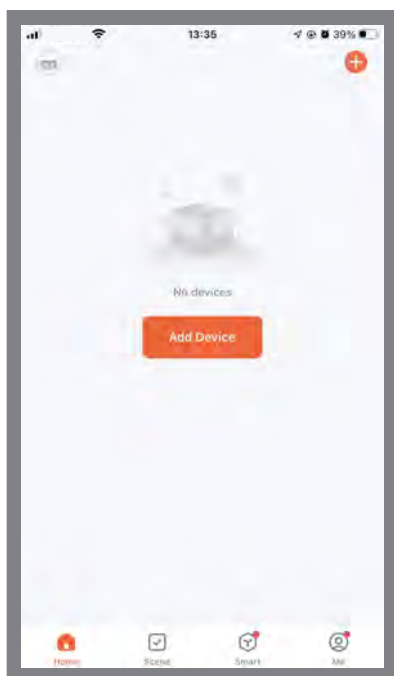
8 Packing List

NO.	Name	Quantity	Remark
1	Receiver	1	
2	4-PIN cable	1	165mm
3	Screws bag	1	
4	Manual	1	
5	Tag	Optional	

9 Networking setting



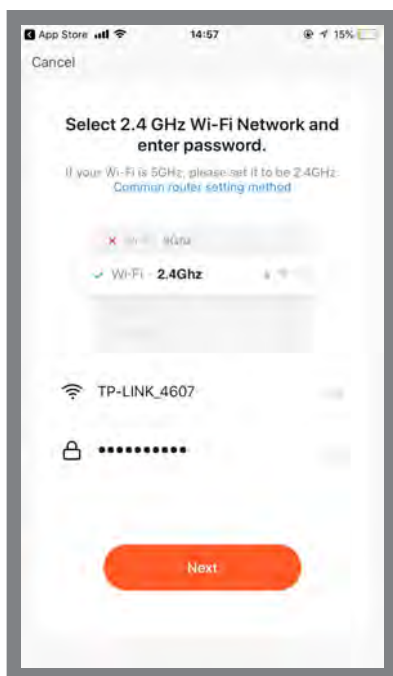
Step 1: Please search "Tuya Smart" APP in your mobile App market, click "GET" to install.



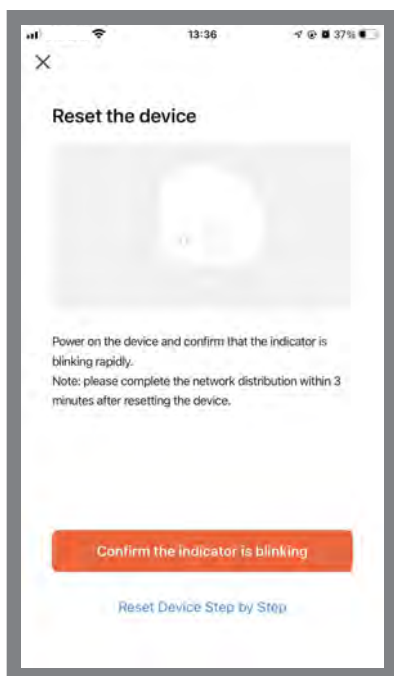
Step 2: Open this APP, click "Add Device".



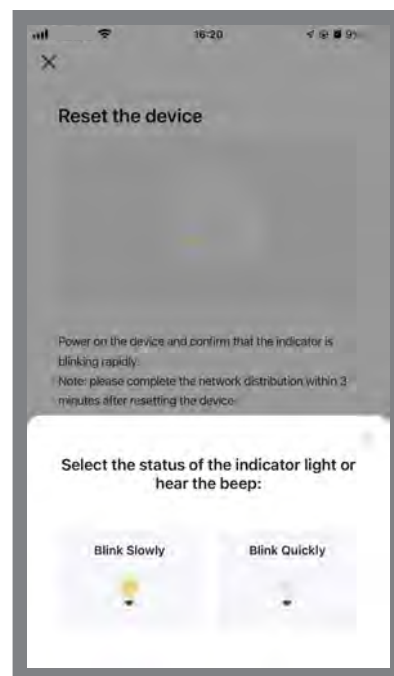
Step 3: In the "Electrical" category, find the "Switch" group, select "Switch(Wi-Fi)" and click "Next".



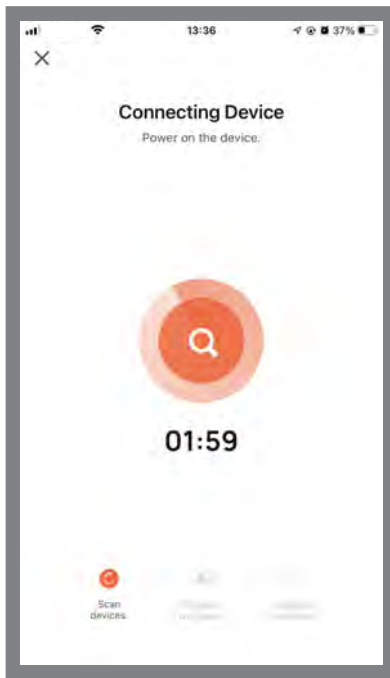
Step 4: Select the 2.4GHz Wi-Fi network and enter your password, click "Next".



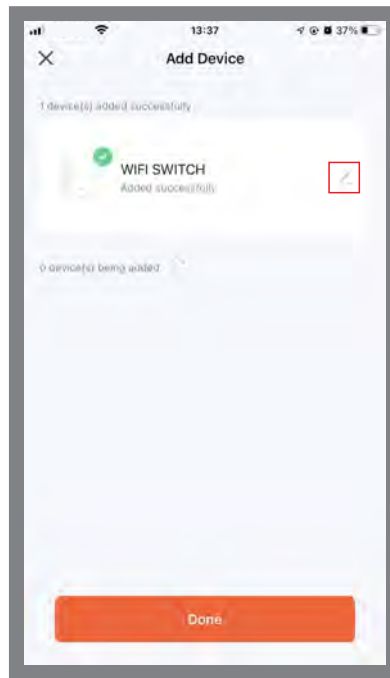
Step 5: Press and hold the sensor's function button until the Blue indicator light flashes, after 10 seconds and Green indicator light will quick flashes, then click "Confirm the indicator is blinking rapidly" on the phone interface.




Step 6: Choose "Blink Quickly"



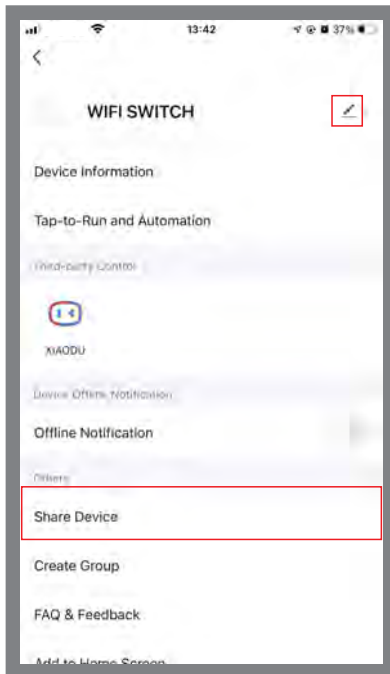
Step 7: Wait for the network connection to pair.




Step 8: The device was added successfully (if you need to change the device name, you can click the  icon behind the "WIFI SWITCH" to modify it).



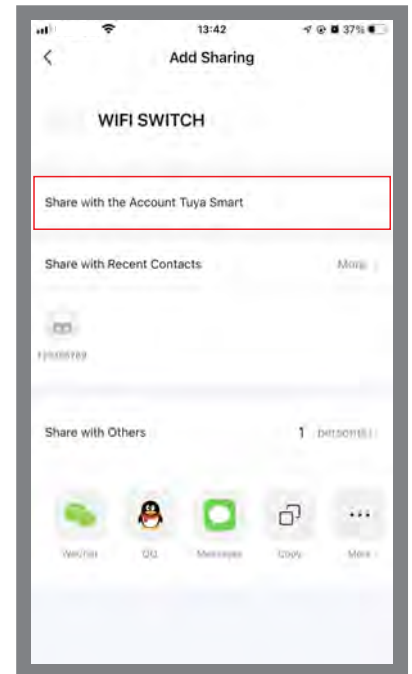
Step 9: Click Switch, the door will open.



Step 10: Click the  icon in the upper right corner, entering "System setting" interface, click "Share Device", can share the current device to other users.



Step 11: Click "Add Sharing".



Step 12: Click "Share with the Account Tuya Smart".

10 System setting page function

- Device name: The current device's name, can be changed at any time.
- Device information: Virtual ID, IP address, device time zone, signal strength.
- Share device: Share the current device to other users.
- Create a group: Compose multiple devices into a group. After forming a group, you can open the door at the same time by operating multiple devices through the group icon.
- Add to Home Screen: Adds the current switch shortcut keys to the home screen.
- Device Upgrade: Displays the current firmware version of the device, which should be updated when a new version is available.
- Delete the device: After deleting the device, the device will erase the network settings and restore factory settings.