

RECSAWLESS3CH Install Manual

WiFi&RF Receiver

Features:

- It is a WiFi&RF receiver, which supports 1-3 channels relay.
1. Support the use of remote control and mobile phone APP control.
 2. The relay supports pulse/monostable mode and latch/bistable mode.
 3. Support timing and countdown.
 4. Each relay supports 1-999 seconds delay setting.
 5. Support sharing to use, administrator management mode, free deletion and addition, operation record management, and no limits for numbers of users.
 6. For each relay, APP has a control status feedback function.
 7. Support binding with camera.

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Specifications:

- (1) Working voltage: 10-30V AC/DC
- (2) Working current: 40-200mA
- (3) WiFi: 2.4G IEEE 802.11 b/g/n
- (4) RF frequency: 433.92MHz
- (5) RF distance: 80-100m in an open area
- (6) Model: XH-SM18-03W
- (7) Memory capacity: 200 codes

Instruction:

1. Download the Xhouse IOT APP.

- Scan the QR code (as follows) to get the APP, download and install it.
- You can also try to search XHouse IOT on google play store or APP store to download.
- Register and login into account.

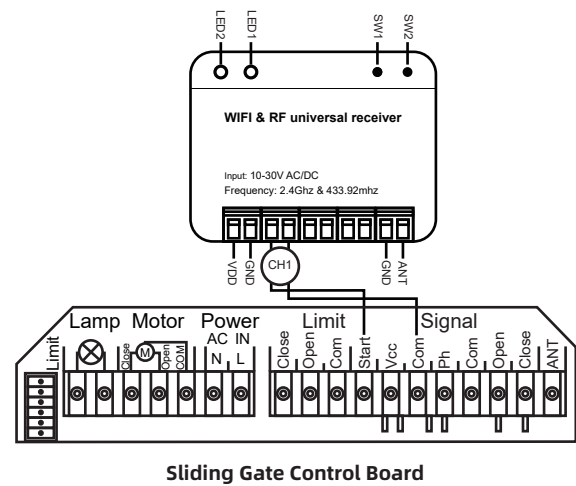


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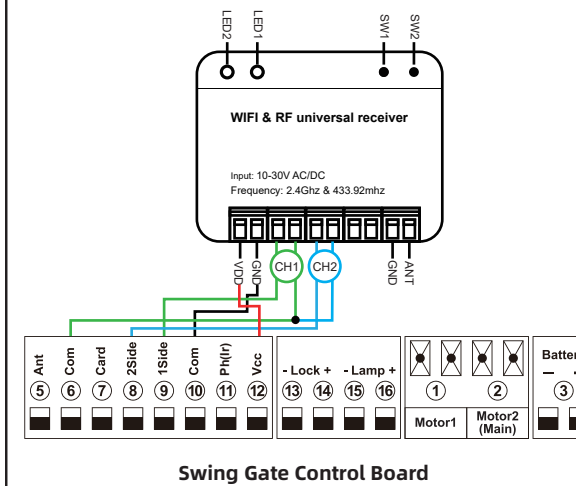
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Diagram 1:



- 3 -

Diagram 2:



- 4 -

2. Adding the device

There has two modes for adding the device on the APP, includes WiFi mode and Bluetooth mode.

(1) WiFi mode to add the device, the APP will search the nearby device automatically.

Step 1. Press the "⊕" on the top right corner to add the device, and select the "WiFi Receiver" which has an orange cycle on the top right corner. (Fig 1 & 2)

- ★ If there has a gray cycle on the top right corner, that means the device already has been added. The user needs to press and hold the "SW1" button for about 5s on the receiver, then repeat the step 1.

- ★ If there has a message "Please enter distribution network mode and add devices", the user needs to press and hold the "SW1" button for about 5s on the receiver, then repeat the step 1.

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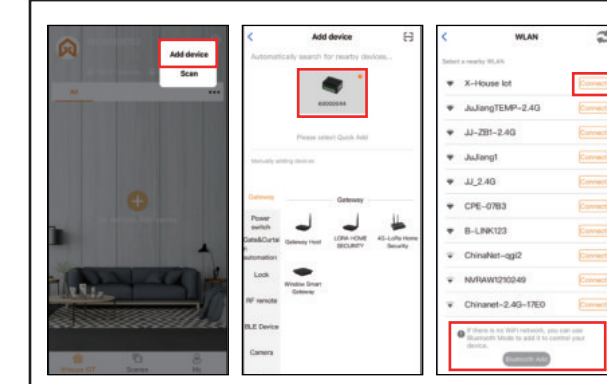


Fig 1

Fig 2

Fig 3

Step 2. Select the Wi-Fi, click the "Connect" and enter the password. (Fig 3 & 4) (If there hasn't Wi-Fi can be connected, please open the bluetooth in your phone first, then select the "Bluetooth Add" and use the Bluetooth function to control the gate nearby. Please follow the operation of Bluetooth mode.)

Step 3. Add the device successfully. The user can modify the name of the device and button from the "⊕" on the top right corner.

(2) Bluetooth mode to add the device
When using Bluetooth mode control, the mobile app must be close to the device within Bluetooth range to connect and control, and only one user's phone can be connected at a time. (Fig.3&5).

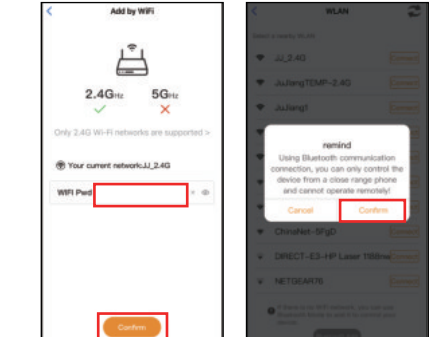


Fig 4

Fig 5

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(3) Device supports WiFi and Bluetooth working mode

- ★ When the device is connected to WiFi network successfully, it supports remote control and settings the device through the mobile phone APP. (Fig 6)

- ★ When the device is offline or the mobile phone has no network, if the user is nearby the device within 10 meters, and open the APP, it will automatically switch to the Bluetooth mode to control the device. (Fig 7)
- ★ The device will establish a Bluetooth connection with the mobile phone to achieve close-range Bluetooth control (only one user's mobile phone can establish a Bluetooth connection at the same time).



Fig 6

Fig 7

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3. Operation instruction

Choose the device to open:

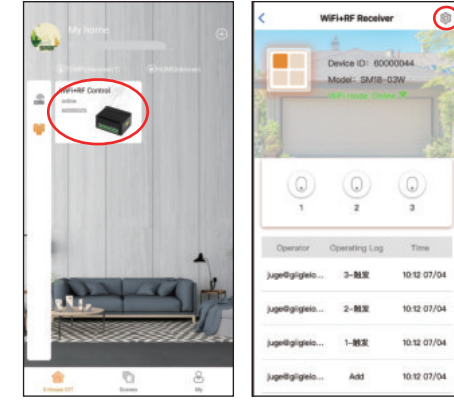


Fig 8

Fig 9

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On setting page: device name modification, key name modification, relay delay setting, model setting, user sharing, assign administrator privileges, timing setting, available to bind with camera.

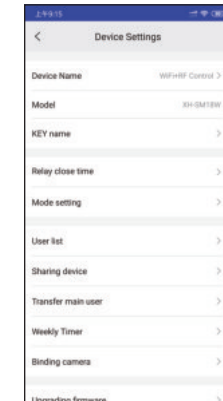


Fig 10

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(1) How to modify the key name
Open device settings, choose "KEY name", and modify key name for each button:

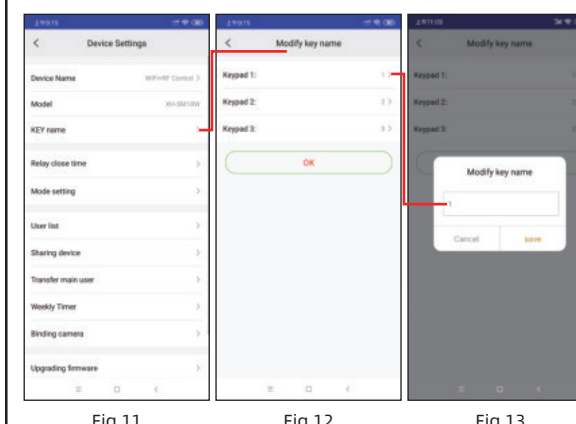


Fig 11

Fig 12

Fig 13

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(2) How to set relay close time.



Fig 14

Fig 15

Fig 16

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(3) Mode setting:

1. Pulse/monostable mode: after control, relay will connect, after some time it will auto disconnect.
2. Latch/bistable mode: after control, relay state will be opposite. In other words, originally it is in connection state, it will become disconnection state. Originally it is in disconnection state, it will become connection state.
3. 2 mode could be set separately by app and actual remote. For example, actual remote learning code is in bistable mode. APP could be also set learning code in monostable mode.
4. App mode setting: you also can change each channel's mode (pulse or latch) in APP.
5. APP setting relay connection time: it will work when the channel is in bistable mode. Setting unit is second. In bistable mode, firstly relay will connect, after the time you set relay will disconnect.

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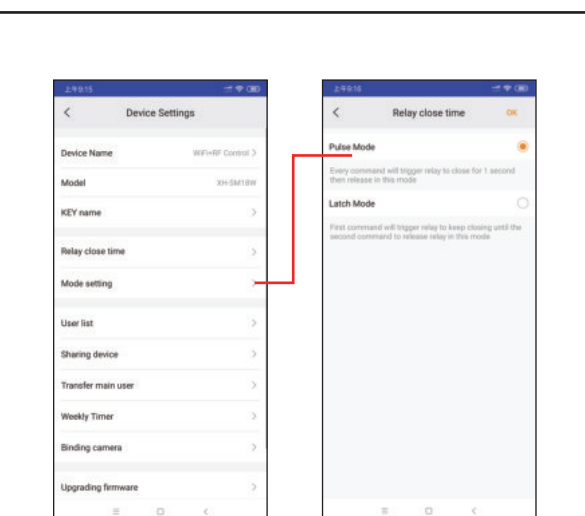


Fig 17

Fig 18

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(4) List of users & users delete

List of users, click it and slide it to right side, then you can delete the user.

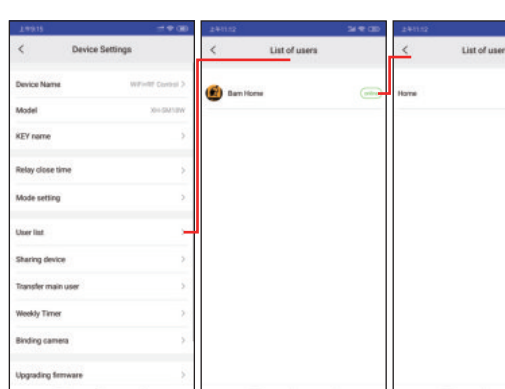


Fig 19

Fig 20

Fig 21

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(5) Sharing device: Open the QR code for sharing firstly.

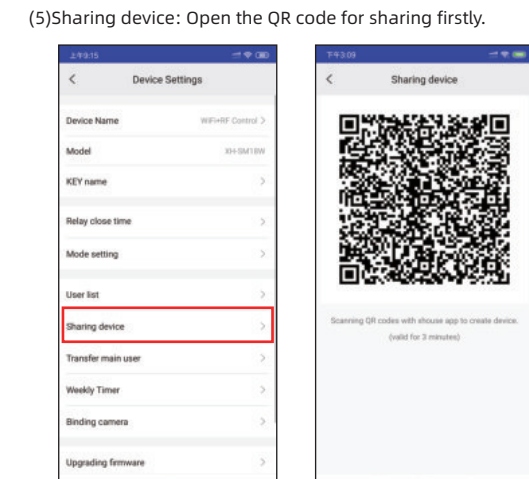


Fig 22

Fig 23

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Now another user opens the Xhouse IOT app. Click the "+" symbol on the top right corner, now it is going into the adding device interface. Click the "sweep code" symbol on the top right corner, then choose the sweep code sharing to scan the generated QR code.

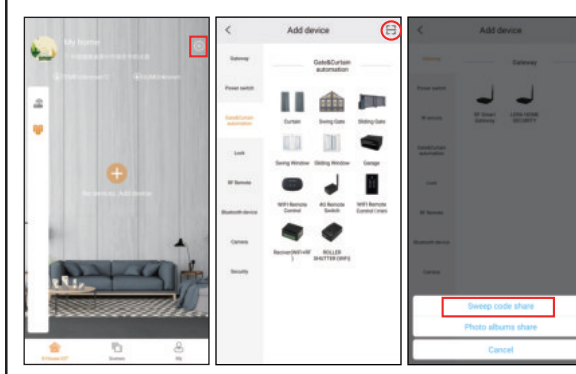


Fig 24

Fig 25

Fig 26

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(6) Transfer main user.

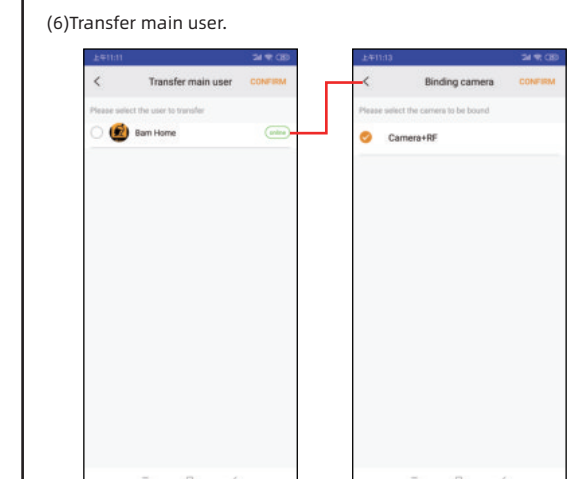


Fig 27

Fig 28

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(7) Timer setting.

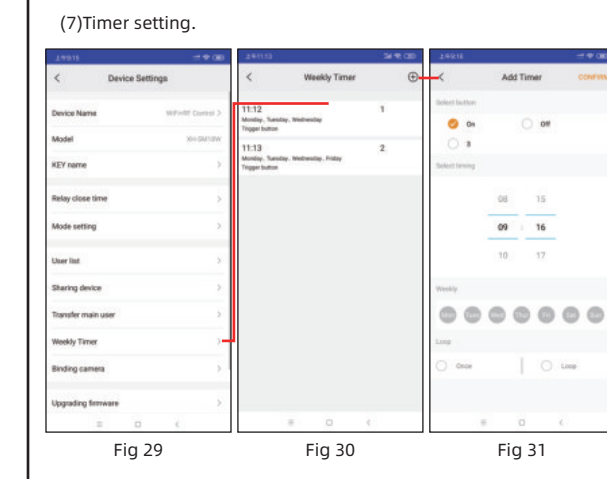


Fig 29

Fig 30

Fig 31

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(8) Binding with camera.

- Step 1. Open the APP, select the device, Press the "⊕" on the top right corner, then select to "Binding camera".
- Step 2. Select the "IP camera", and press the "OK" to confirm it.

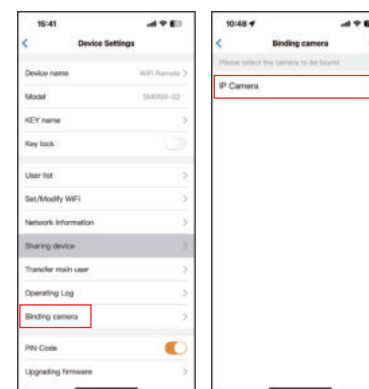


Fig 20

Fig 21

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4. Function setting (learn code and clear code)



- (1) RF remote control pulse/monostable learning code (Press SW1 button of receiver) Press N times SW1 button then release, blue LED light will be always on after flashing N times. This means it is on bistable learn code status of N times. Press the button of remote control, blue LED light will flash if learning code successfully and the relay also will have sound. If learning code is failed, it will auto withdraw learning code mode after 8 seconds. (Remark: N=1,2,3).
- (2) RF remote control latch/bistable learning code (Press SW2 button of receiver) Press N times SW2 button then release, blue LED light will be always on after flashing N times. This means it is on bistable learn code status of N times. Press the button of remote control, blue LED light will flash if learning code successfully and the relay also will have sound. If learning code is failed, it will auto withdraw learning code mode after 8 seconds. (Remark: N=1,2,3).

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- (3) Clear code: long press SW2 button 8 seconds, blue LED light will flash 3 times which means clear code is successful. All code will be clear with this operation.

5. Reset the device

- Step 1. Power on the device.
- Step 2. Press and hold the SW1 button on the receiver for about 8s, while the red LED is flashing, release the button. Now the WiFi receiver was reset, please repeat to add the receiver to the APP, then share the device with others.

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