

**WIFI/PSTN Alarm System Instruction**  
**ENKLOV-W1**



## **Foreword**

Thanks for purchasing Kerui W1 alarm system. Installing the W1 alarm system is easy and quick. Before using the product, we recommend reading the instruction firstly. There are some parts of the installation which have to be done in right order to complete installation successfully. from <http://www.keruistore.com>

## *Features*

- WiFi and Landline/PSTN friendly alarm system
- Support 2.4G WIFI wireless network
- Push notification,phone all alarm for both IOS/Android operating system.
- Support 8 zones alarm customization
- Support 3 emergency number
- Expandable up to 64 sensors,8pcs remote tags
- DIY home security,no contracts no monthly monitoring fee
- 80dB for internal siren
- Built-in battery standby up to 8hours
- Smart phone App control anywhere anytime

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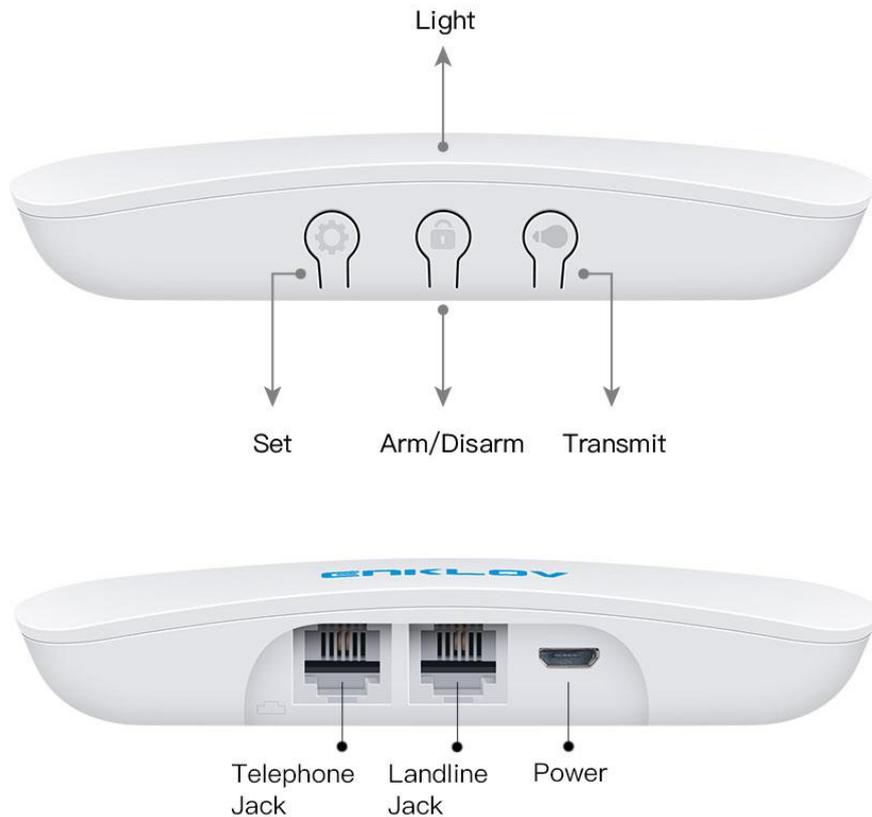
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## Overview of Main Panel



**Arm/Disarm Button:** Short press to change the status of arm/disarm/stay.

**Setting Button :**Short press: learn the remote and detector;Long press: enter the status of WIFI setting up.

**Transmit Button:** Short press: enter the transmit status of wireless alarm siren and relay.Long press: Power ON/OFF.

**Land line Jack:** Connect panel with landline.

**Telephone Jack:** Connect panel with telephone.

**Micro USB Jack:**DC 5V 1A for panel power

## Installation

Enklov-W1 is WIFI and Landline dual-network alarm system. When an intrusion triggered alarm, the main panel will first send a push warning notification to application in your phone, then the emergency phone numbers you have pre-added will be called by landline. Please make sure alarm panel has been connected to PSTN land line to ensure phone call alarm, or there is only App notification if panel just connect with Wifi.

**Note: This alarm don't support digital telephone and VOIP network, only support analog telephone network.**

Installation Steps:

Step1: Plug the landline provided by operator to the landline interface of the panel.

Step2(**Optional**): Plug provided telephone cable to the telephone interface of the panel, and the other end plug into the telephone. Telephone is optional, and you can still receive phone call once you finished Step1.

Step3: Plug adapter power cord into Micro USB interface of panel, then plug AC adapter into power outlet.



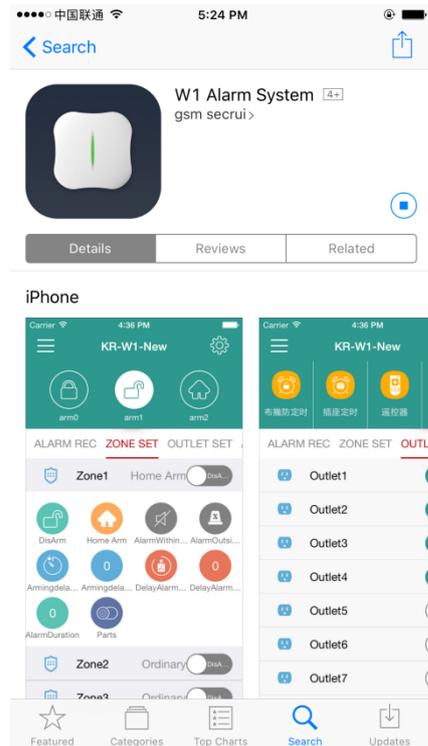
**Note: Please always keep panel under in charge status, or device will be offline. There are built-in 3.7V /800mAh backup battery in alarm panel, will support around 8hours working if lose power.**

# Settings Instruction

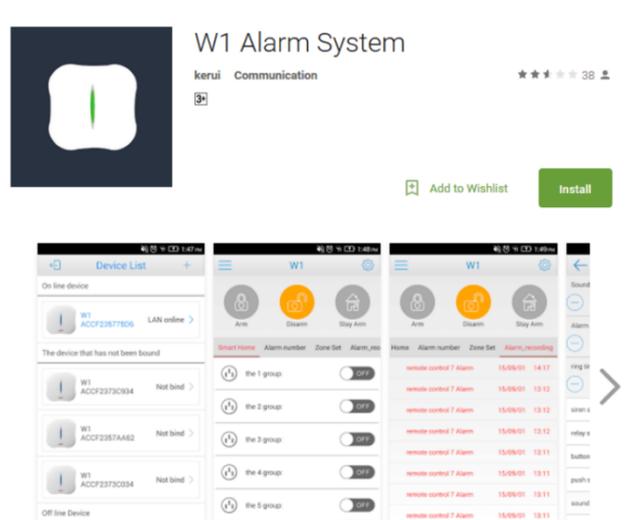
## 1)Download App:

Search keyword“W1 Alarm System”in App store or Google Play. Download and install the App.

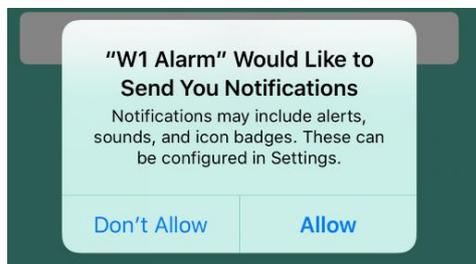
### IOS:



### Android:



**Warm Tips:Tap “Allow” to allow receiving notification from “W1 Alarm”**

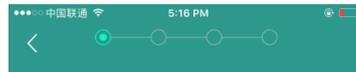


## 2) Register Account.

Register one account if you are first to use the app. The steps as below(for IOS for example):

### Method1: Phone Register

- 1.Type into phone No. and Image code, then click “Get SMS Code”;
- 2.Your phone will receive SMS verification code within 60 seconds;
- 3.Type SMS verification code and your password, then click “Confirm”



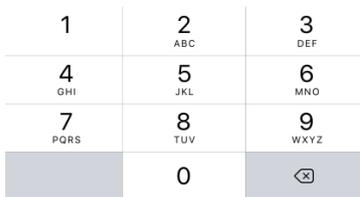
Phone

ImageCode  Another

18681555372

SMS Code  46s after Reacquire

New Password Setting



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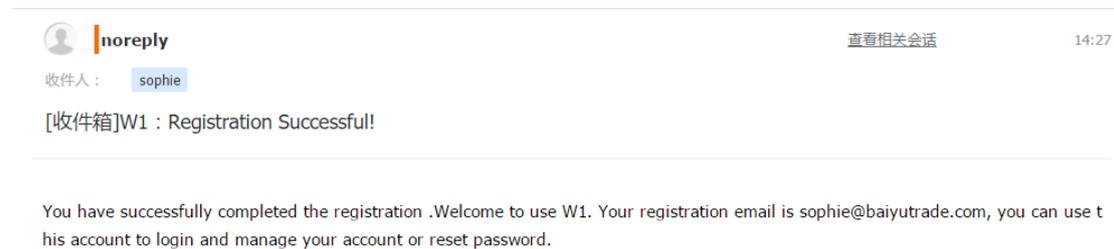
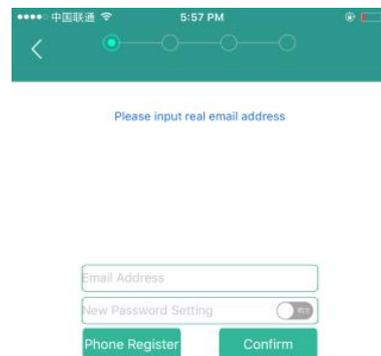
SMS Code  52s after Reacquire

New Password Setting



## Method2: E-mail Register (Recommend)

1. Type into Email and password, then click “Confirm”, register finished.
2. Once finished registration, will send a registration confirmation e-mail to your mail box .



### Note:

**You can share your login account with your family members on condition that you and your family members are all using same operating system phone. Both Ios or Android works, while account registered in Ios system can't login App on android phone, and vice versa.**

### 3)Wifi Configuration

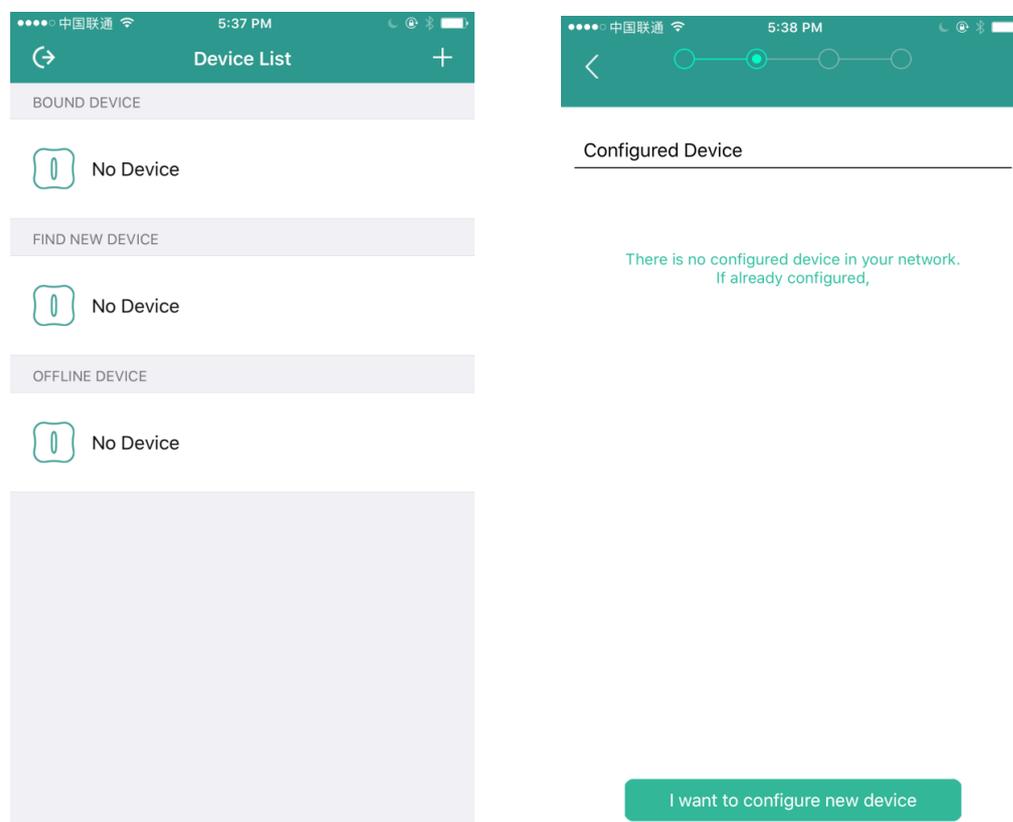
**Note:**

**During configuration, wifi network of your phone should be same with WIFI network of the panel, or cellphone can't recognize the alarm panel.**

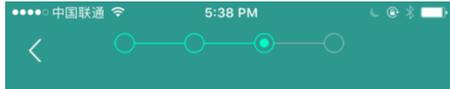
**Enklov-W1 doesn't support wifi of 5GHz, and WiFi connection works on 2.4GHz band.**

1) After account registration,you will enter into device list.

2) Click "+", choose "I want to configure new device".



3) Input wifi password, click "next" to go to configuration page to "Start Configure"

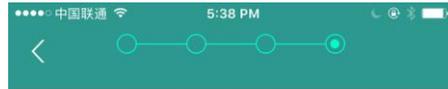


Please keep WIFI connected

WIFI Name: Baiyu2

WIFI Password:

Next

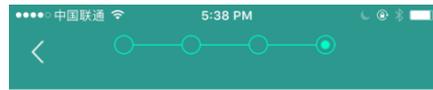


Press the device key. Light blinks means the device entering into configuring mode. Click and start configuring

Start Configure



4) Long pressing the “SET 

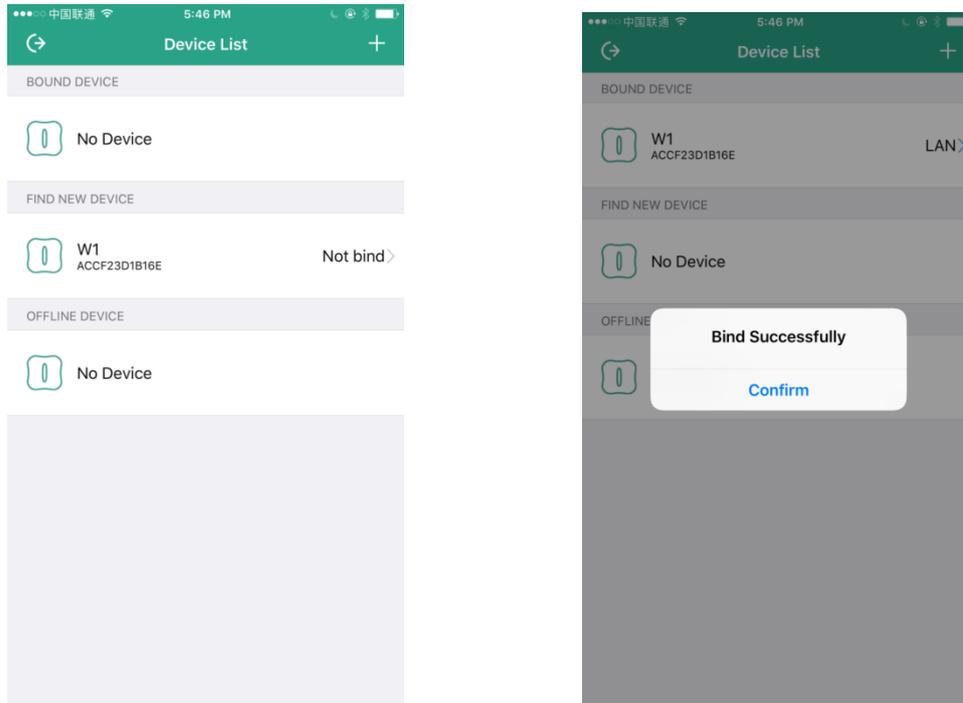


Press the device key. Light blinks means the device entering into configuring mode. Click and start configuring

Start Configure

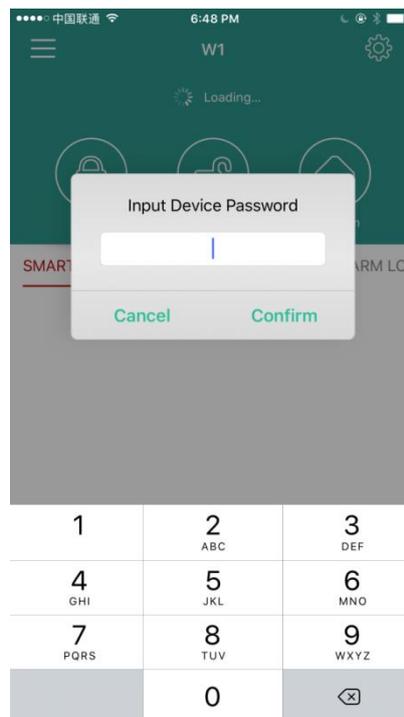


4) If configuration success, the APP will turn to the “device list”, and there is device under “Find New Device”; Then click button bind button for equipment binding.



5) Password of Device, enter into system.

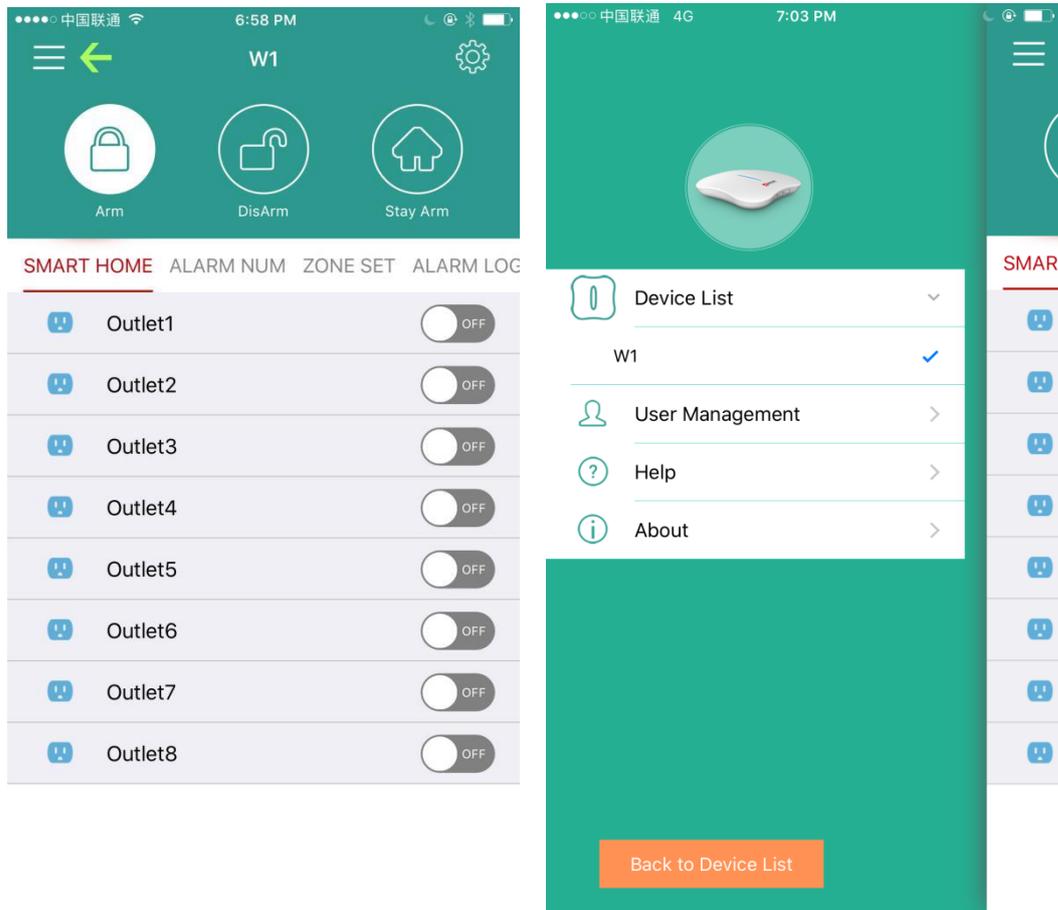
Click device you have bound under "Bound Device", input correct passwords( original password:123456),you will enter into the operation page.



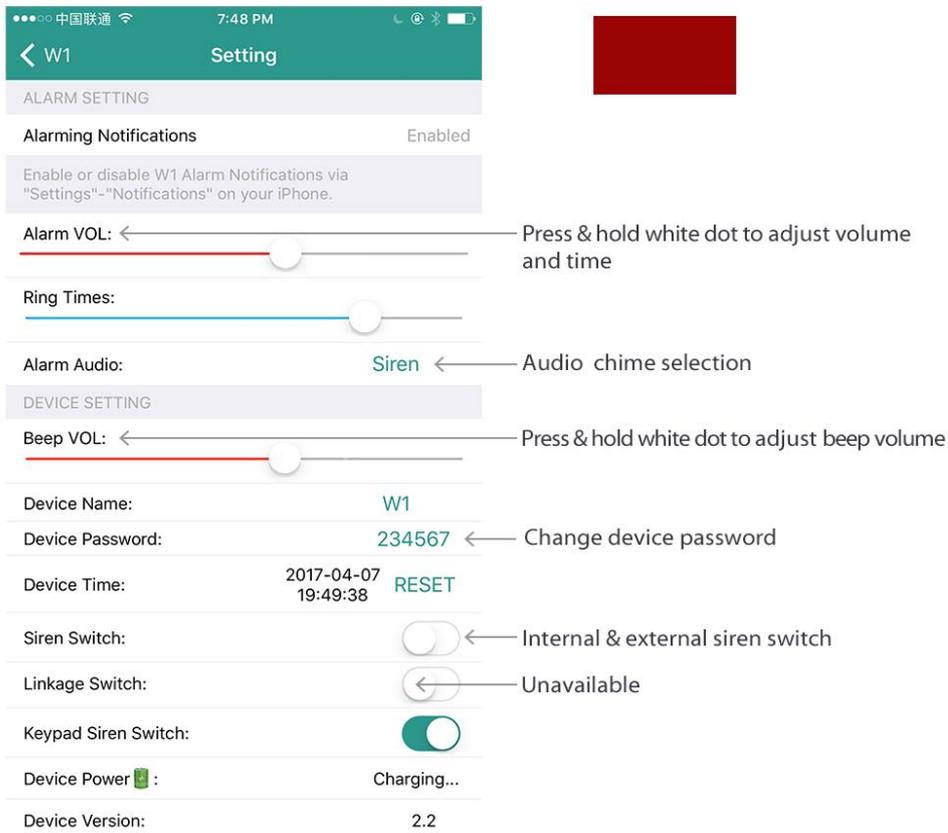
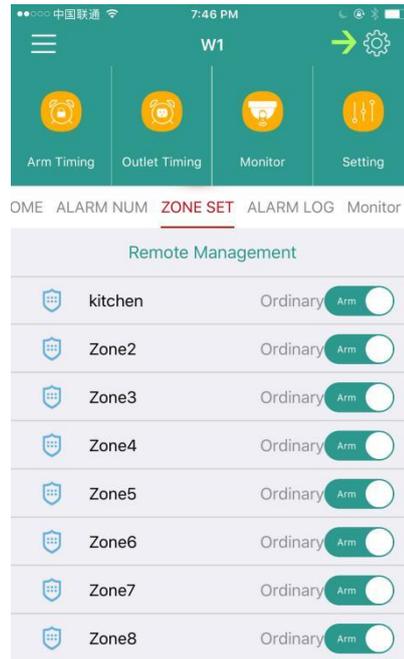
# APP Operation

## 1) Device Information

You can find device application version, user account login password and help page, online device list here.



## 2)Setting

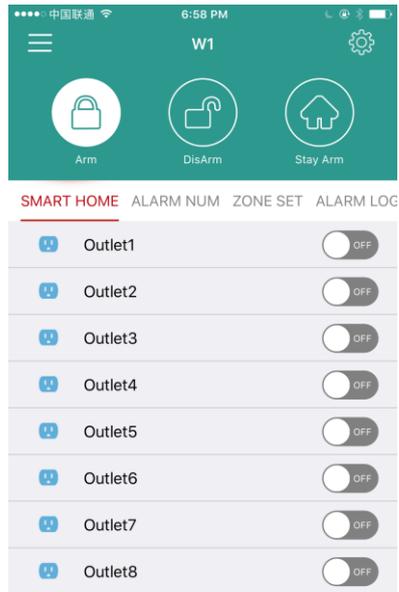


### 3).Arm/Disarm/Stay Alarm

Tap "Arm" icon,the sensors synchronized with alarm panel will be armed;

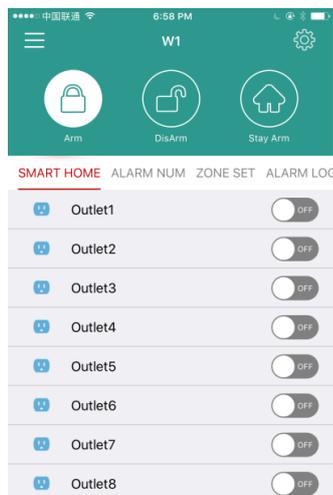
Tap "Disarm" icon, the sensors synchronized with alarm panel will be disarmed;

Tap "Stay Arm" icon, the PIR motion sensors will be disarmed,and door/window sensors will be in arm state.



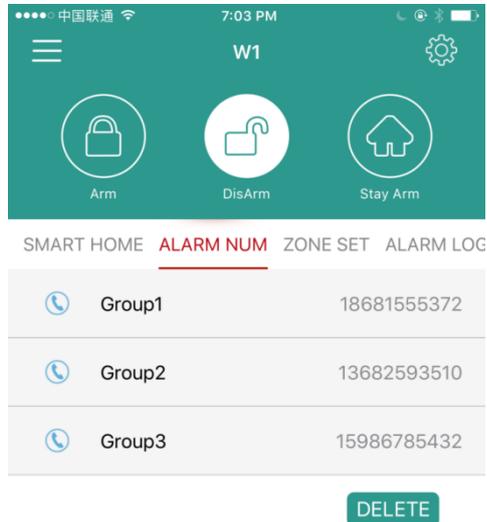
### 4).Smart Home

This is for smart sockets,this function is not available for this alarm system.You can skip this part.



## 5).Alarm Number

Click "Add One "to add emergency number or click “Delete” to delete phone numbers;  
3 numbers can be added in total.



### About Alarm Notification:

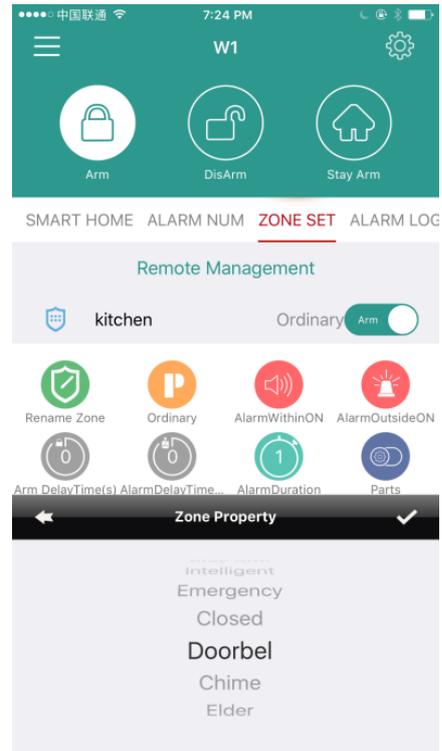
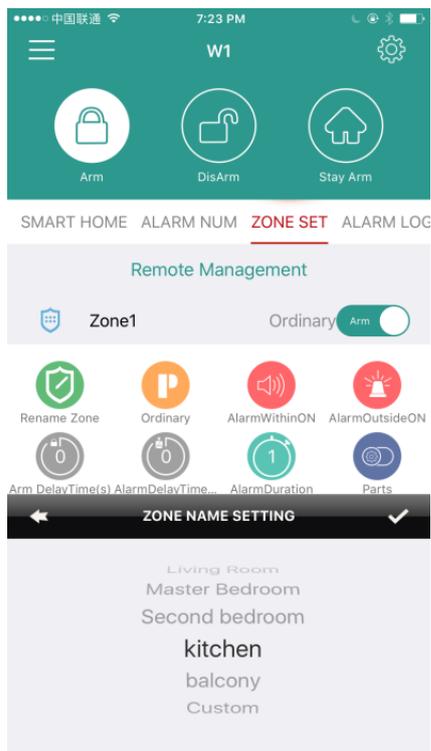
When the alarm is activated, all pre-added phone numbers will receive the push notification firstly, if no one click “Disarm” ,then emergency numbers will receive alarm phone call by landline. Alarm phone will be called as list sequence until someone pick up the phone. While if the first one have picked up the phone, then it will don't call the second and left numbers.

**Important Note:** If you just connect main panel with wifi and don't connect with landline also, then you will only receive push notification, while no phone call alarm notification.

## 6)Zone Set

There are 8 Zones in total.Support rename different zone,rename sensors name,zone property name, then hub will tell you exactly what happened and which door, window or cabinet just opened so that you can track and make better informed decisions.

**“Rename Zone” & “Zone Property”**: Choose zone name in existing list or click “custom” to rename.



### **“Alarm within On” & “Alarm Outside On”**

Alarm with on for main panel internal siren on or off.

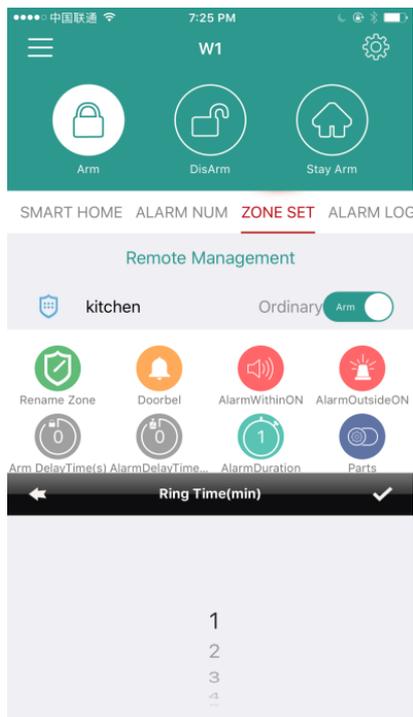
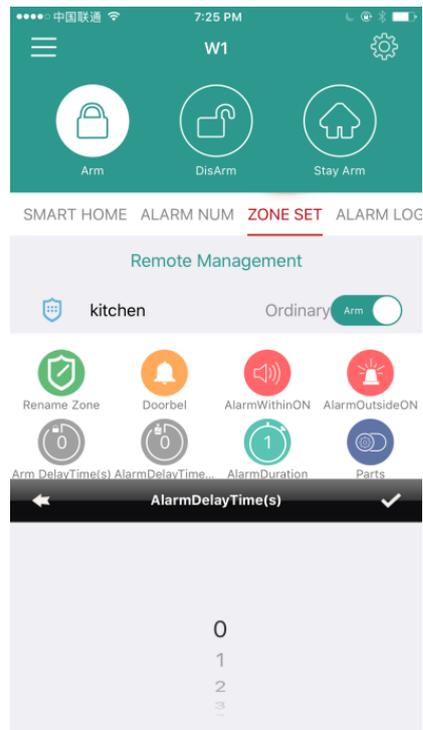
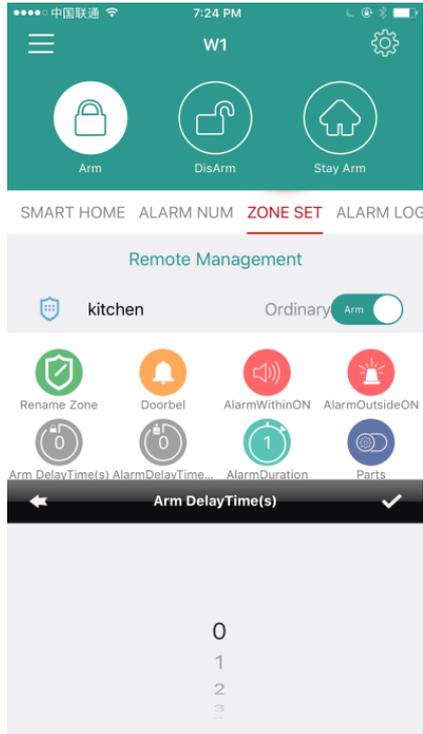
Alarm outside on for external siren on or off.

## “Arm Delay Times” “Alarm Delay Times” “Alarm Duration”

Arm delay times means delay time from disarm or stay arm to Arm.

Alarm delay times means delay time alarm notification delay time.

Alarm Duration means rings time.



## “Parts”: Add or delete sensors in zones.

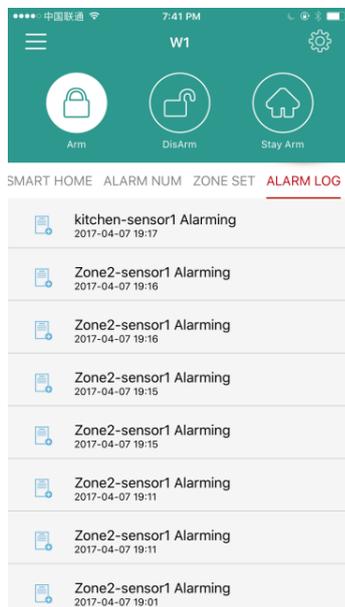
Click blue“+”to add to sensors and support rename sensor name.

Red“X”means sensors have been bound with panel successfully.



## 7).Alarm Blog

The latest alarm records will be tracked in alarm blog



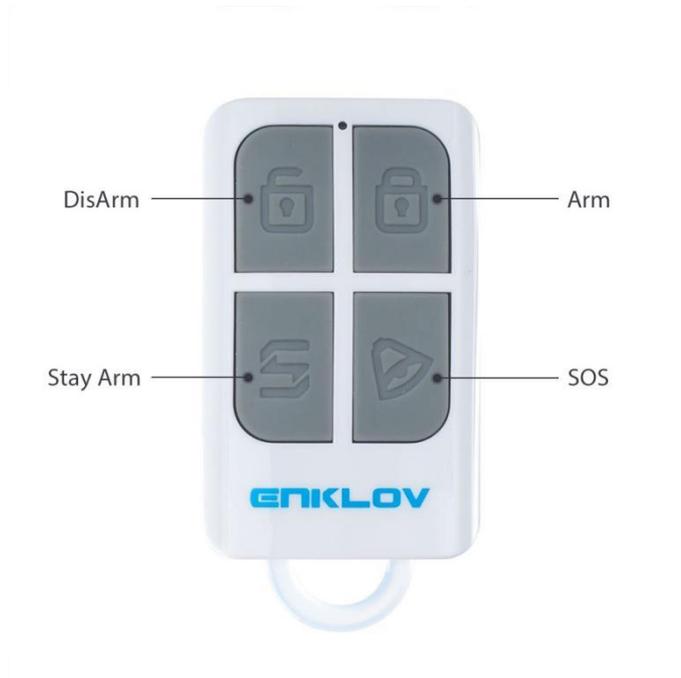
## 8).Monitor

Monitor function is not available for this system, you can skip this parts.

## Accessory Installation and Setup

### 1) Remote Control

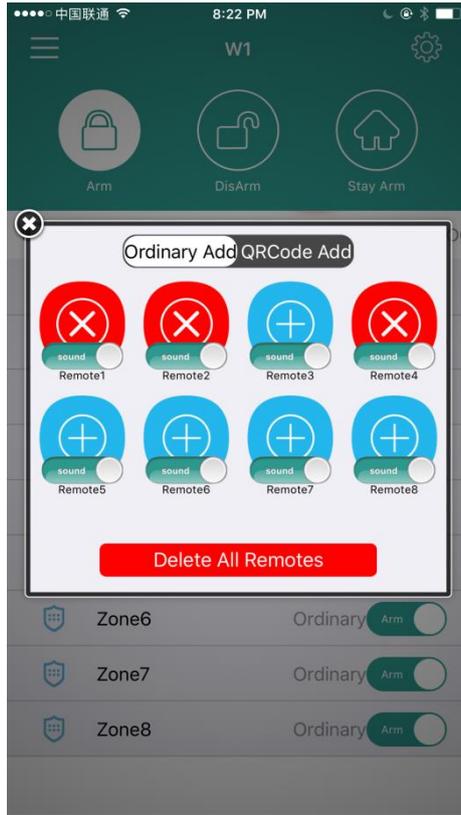
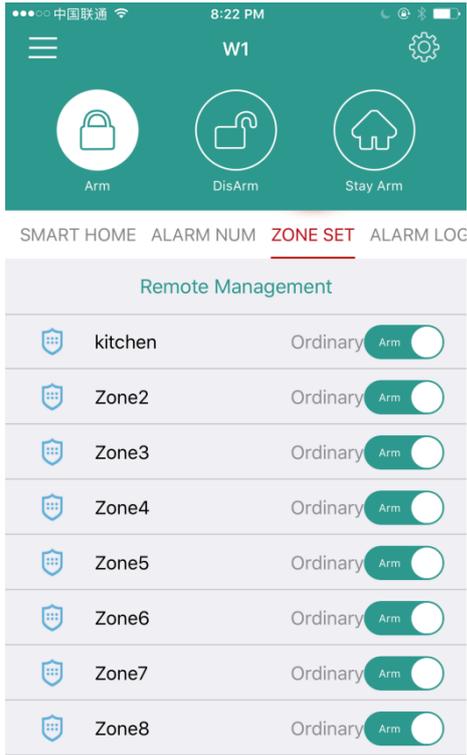
#### Overview



#### Remote Control Setup

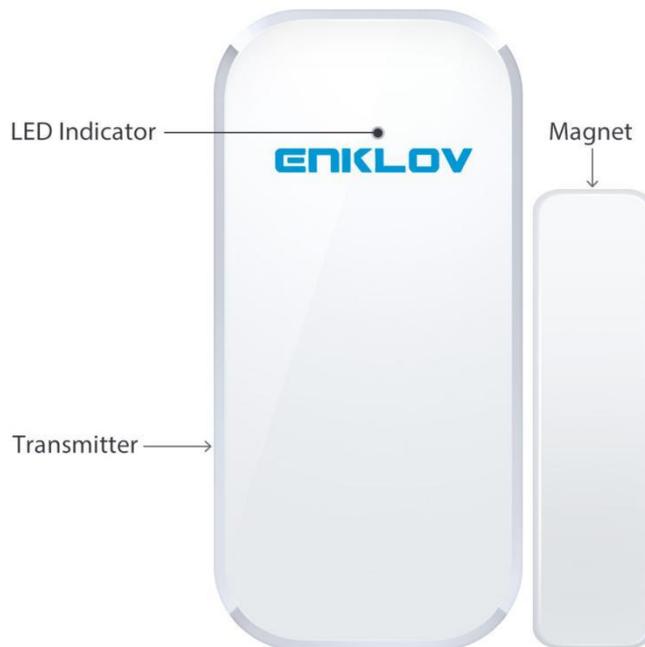
**Bind** :Find “Remote Management” under zone set page, click blue “+”, there will be human voice remind “Add remote control”, then click any button of remote tag, there will be human voice remind” Add successfully program”.

**Delete**: Click red”X” to delete remotes.



## 2) Door/window Sensor

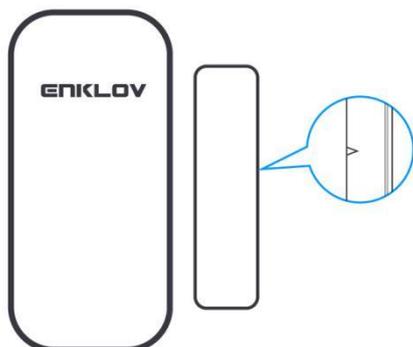
### Overview



## Door/window Sensor Setup

### Bind:

1, There are triangle marks on the side of the transmitter and magnet. Make sure the triangle marks are close to each other at the first step.



2. Enter into zone set to find “Parts” and add to sensors. Click blue “+”, there will be human voice remind “add xx zone”, then separate the magnet from transmitter, led light in transmitter will be on in Red. You will heard human voice “Add successfully program”.

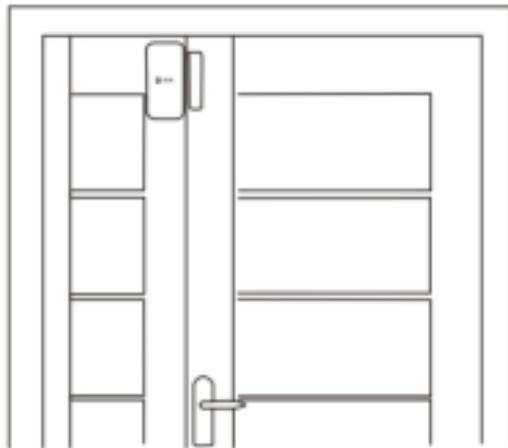
**Delete:** Click red “X” to delete remotes.



### **Door/window Sensor Installation:**

Make sure the contact works properly before installing it. There are triangle marks on the side of the transmitter and magnet. Make sure the triangle marks is close to each other. Once the transmitter and magnet is separated around 2cm by intruder,the LED light in transmitter will be on in Red. Alarm will be activated.

Paste the transmitter and magnet on doors and windows or any other open/close places with provided double-sided tapes.



### **3).PIR Motion Sensor**

#### **Overview**



## PIR Sensor Setup

### Bind:

Enter into zone set to find “Parts” and add to sensors. Click blue “+”, there will be human voice remind “add xx zone”, then turn on PIR motion sensor led light in sensor will be on in Red. You will heard human voice “Add successfully program”.

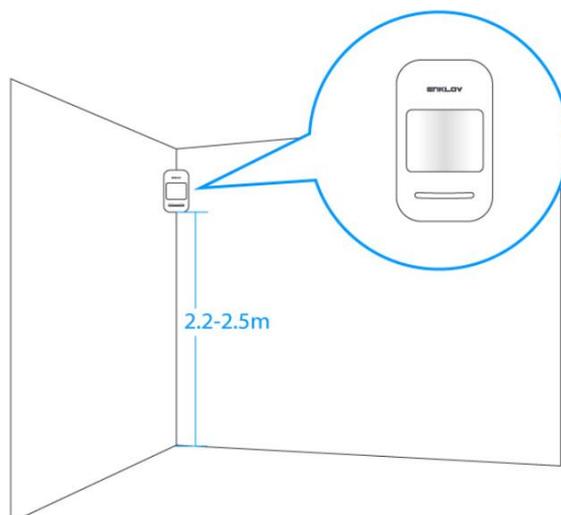
**Delete:** Click red”X” to delete PIR sensors.



## PIR Sensor Installation

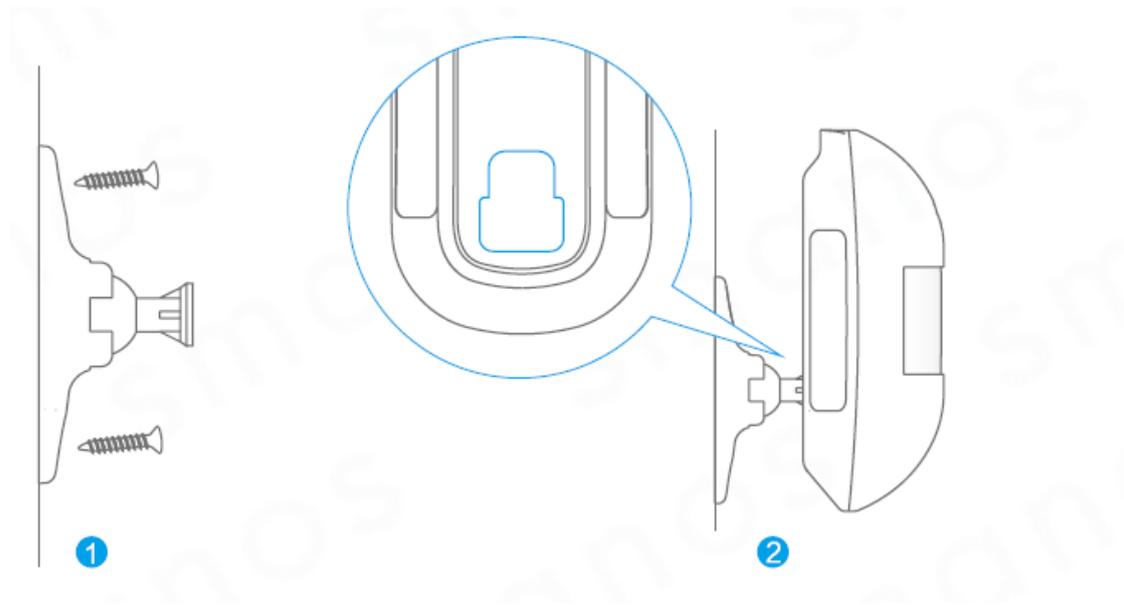
Make sure the contact works properly before installing it.

1. Choose a suitable place for installation.

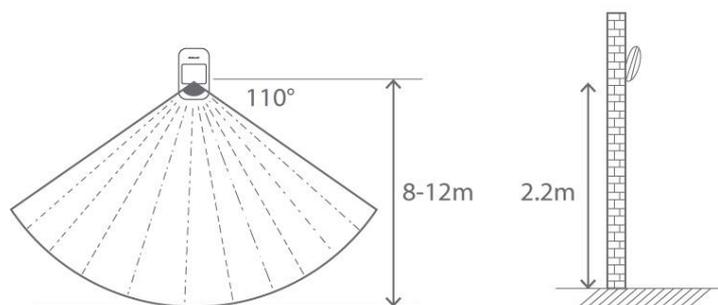


## 2. Fix the sensor

Fix the installation bracket on the wall with screws, then fit the groove at the back of the sensor on the bracket. You can adjust bracket angle to achieve the best detection effect.



## 3. Mount the PIR sensor in proper angle.



It's recommended to mount it at height of 2.2m from ground, and to be installed indoors in a corner as far as possible in order to obtain the ideal detection range.

The sensitivity is optimal when the walk direction is vertical to the infrared direction. Choose the best location and angle according to the actual situation.

## **PIR Sensor Installation Notices**

Please pay attention on below issues when installation :

### **1. Avoid infrared detectors facing to glass windows or doors;**

Strong light will interfere with detection sensitivity. What's more, complicated situation such as traffic flow, stream of people also should be avoided.

### **2. Avoid infrared detectors facing to or close to heat/cold sources**

Heat/Cold sources, such as heaters, air conditioner, microwave oven which may cause false triggering.

### **3. Avoid two PIR sensors placed in the same space.**

There will be interference phenomenon caused by trigger at the same time if several sensors installed in same place will

### **4. Avoid installing infrared detector at outside, and it's only for indoor use.**

## **4). Strobe Siren**

### **Overview**



## **Strobe Siren Setup**

### **Bind**

**Please add to siren under “DisArm” status and don’t trigger any detectors during pairing.**

1, Press SET button on siren and hold for 3s, beep once, LED light in siren will be on and enter into pairing mode.

2, Then press  (Arm) button on main panel, siren beep twice and pairing successfully.

Delete: Unplug the siren, press & hold “Set” button and plug siren into socket, beep six times. Then siren have been delete from system.

### **Strobe Siren Volume Adjustment**

8 levels of adjustable volume from loud to quiet and then from quiet to loud in cycle.

Default volume is loud.

Press “SET” button on siren, the volume change from loud to quiet and then from quiet to loud in cycle. Led light flash once or twice indicates Mute; Led light flash once or twice and beep 1 or 2 times indicates loudest volume.

## **Trouble Shooting**

**Q:**No phone call when alarming

**A:**Please check if main panel has been connected to landline. Phone line is necessary for phone call, or only receive push notification when connected to wifi.

**Q:**What's the app called for the app store and android googleplay?

**A:** App name for both Ios and Googplay is "W1 alarm system"

**Q:**Can buy and add to additional door/window sensors?

**A:**Yes, please buy extra sensors at our Amazon store Gaze Security.

**Q:**Alarm panel has no sound.

**A:**Please check if main panel internal siren volume is arm off.

**Q:**Why can't receive notification?

**A:**Please check if your network works properly and if panel is online.

**Q:**Can't find device when setup.

**A:**Please check if your cellphone wifi is same with panel network during setup.

**Q:**If i can share my account to my family members?

**A:** If both of you are using same operating system phone, then it's ok.

**Q:**Will voip line works as land line?

**A:**No,it can't

## Specifications

### **W1 Alarm Panel:**

Main panel is the heart of system that is responsible for receiving and processing signal from sensors. When alarm is activated, the sound from internal siren of panel will deter intruder. Meanwhile, it will send push notification to your smartphone first, then call your emergency phone number pre-added in application. You can arm/disarm or stay arm on main panel or application directly.

**Power Supply:** DC 5V 1A

**Backup Battery:** 3.7V 800mAh, support to work around 8 hours

**Internal Siren Volume:** 80dB

**Support Expansions:** 64 pcs sensors, 8 pcs remote tags

**Network:** Phone Line and WIFI

**Frequency:** 433MHz

### **PIR Motion Sensor:**

The motion detector is able to detect the temperature and movement of human body. Protect any place of your house that can't be covered by contact access sensor, without opening door or window.

Installation Mode : Wall mounted by bracket

Operating voltage: 4.5V

Transmitting Freq.: 433MHz

Transmitting Distance: minimum 100m

Detecting Coverage: 8M, 110 degree field of view

Installation Height: around 2.2m

Battery: 3\* AAA battery (included)

### **Wireless Door / Window Sensor:**

Easily monitor opening of doors and windows and any other open/close places. Once opened, the transmitter and magnet will be separated and trigger alarm

Power Supply:23A 12V Alkaline(Included)

Transmitting Distance: minimum 100m

Installation:≤15mm between 2 parts.

**Wireless Remote Control:**

With remote control,you can set arm/disarm or stay at home arm mode,and make emergency alarm.

Power Supply:CR2032 battery(included)

Works at a range of around 80meter

Operation Freq: 433MHz

source from <http://www.keruistore.com>

e-mail:sales@keruistore.com