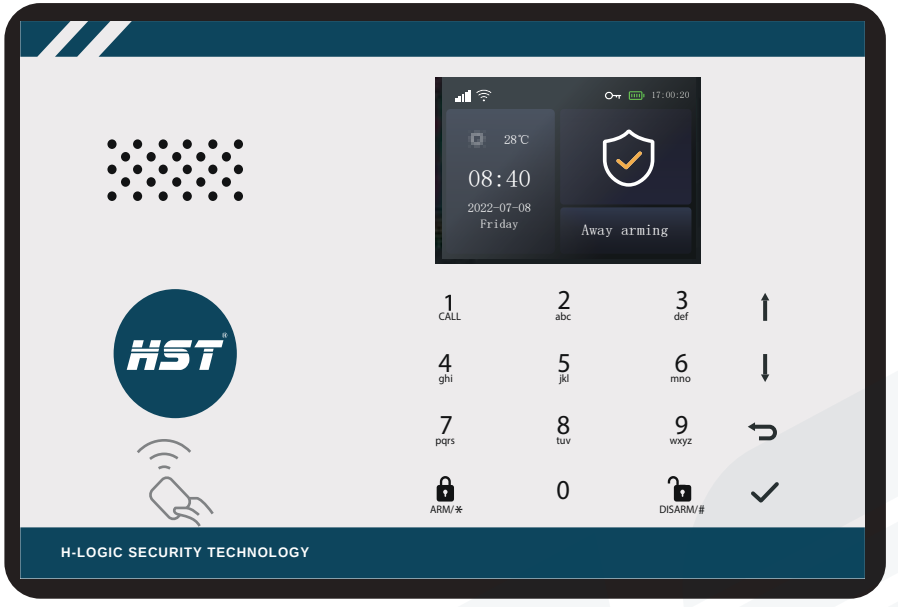
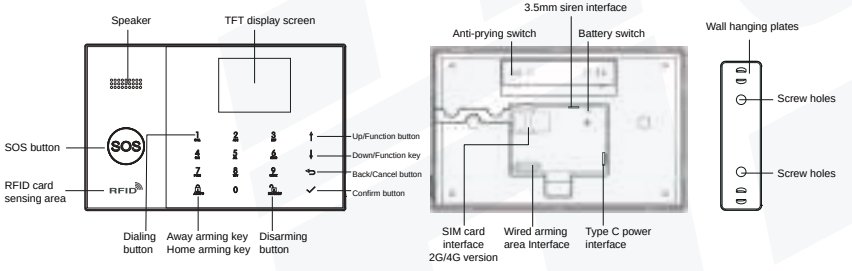
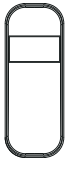
HST-300S



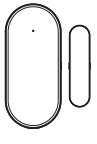
1.2 Appearance & components of alarm host



List of accessories: (subject to the actual package)



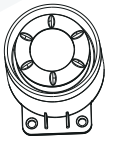
Infrared sensor x1



Door magnetic sensor x1

Remote control x2

RFID Card x2



Siren x1

II. Install Smart Life APP

2.1 Download APP-Smart Life

Smart Life (mainland China)

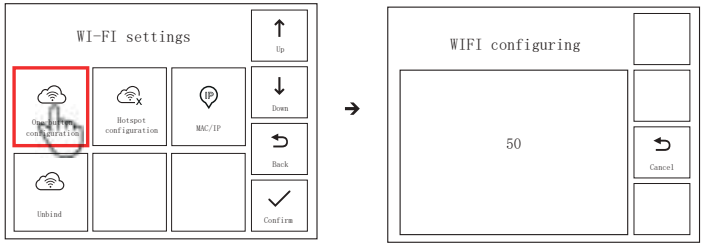
Smart Life (non-mainland China)

1. For IOS and Android users in mainland China, please scan the QR code and download “Smart Life” APP.
2. For IOS and Android users in non-mainland China, please scan the QR code and download “Smart Life” APP.
3. After downloading the APP, please enable all the usage rights of the APP in mobile phone settings.
4. Register and log in your APP account

2.2 Connect the alarm host to the Smart Life APP

Note:
(1) The alarm host only supports 2.4GHz WiFi networks. Please ensure that your router is set up correctly and connected to the Internet.
(2) When adding the alarm host to the Smart Life app, please turn on WiFi and Bluetooth on the phone and ensure that the phone is connected to the 2.4GHz band.

Procedure for use
(1) For the first time of use, please connect the alarm host to the power supply and turn the battery switch on the back of the host to the “ON” position to access the Home screen. If you have already entered the Home screen or want to reset the Wi-Fi, click Main menu → WiFi settings → One-button configuration.
(2) Click the “√” to enter WiFi pairing mode.



(3) On APP: open the “Smart Life” APP and enter the “Home” interface.
1) Click “+” in the upper right corner of the interface and select “Add device”.
2) Click Add in the discovered device area.
3) Enter the WiFi password and click Next. (Note: 2.4Ghz WiFi only)
4) Added successfully.
5) Users may control the alarm system remotely via the APP.

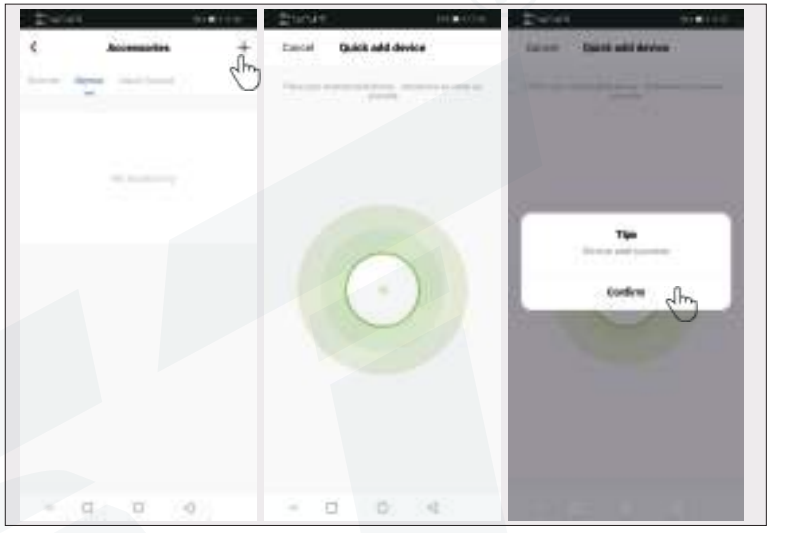
Picture 1 Picture 2 Picture 3 Picture 4 Picture 5

2.3 APP settings

2.3.1 Adding device

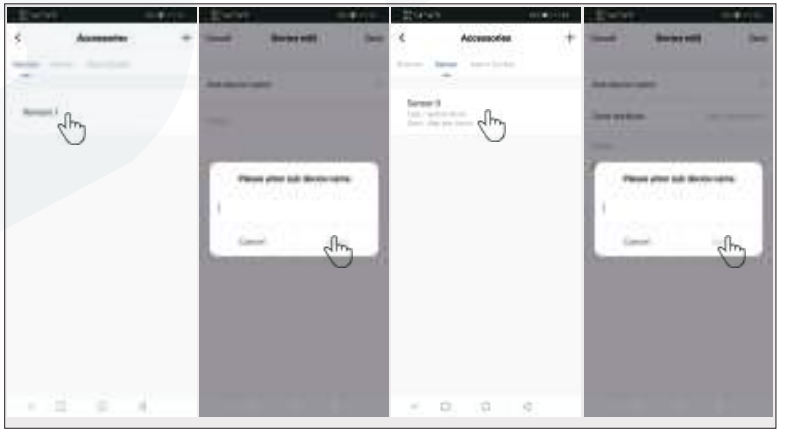
Click Accessories, click Remote Control, click+, and then trigger the remote control (any button) to complete the pairing.

Click “Accessories”, click “Sensors”, click “+” to trigger accessories to complete pairing.



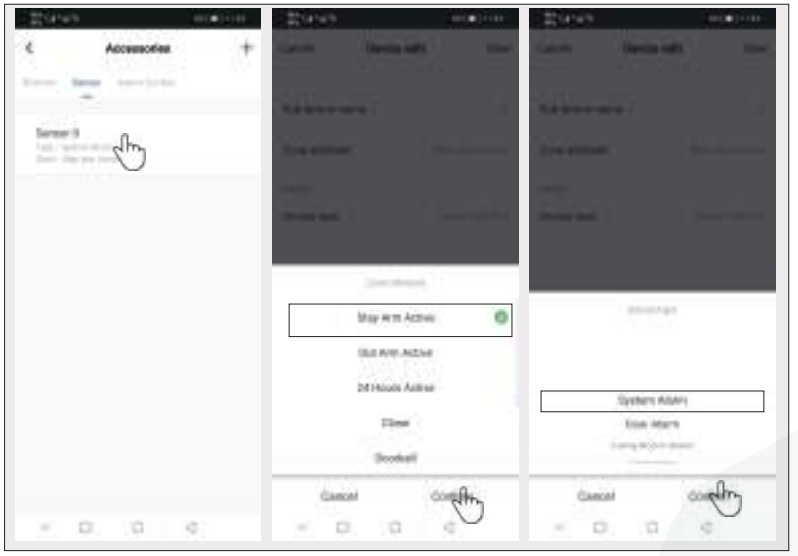
2.3.2 Rename device

The accessory name can only be renamed on the APP, just click “Accessory name” to edit the name.



2.3.3 Modifying sensor area attributes and device types

Click Accessories →Sensors → click sensors in the list → click Arming area attributes → select arming area to be modified → Confirm → click Device type → select Device type to be modified → Confirm



2.3.4 Shared Devices

An alarm host can only be paired with one APP account, but it can be shared with multiple family members for common management.

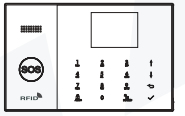
2.3.5 Other settings

Click “Settings” to modify the settings in the security panel directly via the APP. Users may control the anti-theft panel remotely via the APP. Arming and disarming time can also be set in a simple and convenient way.

III. Setting up Safety Device

3.1 Alarm host

3.1.1 Wall mounting schematic



Alarm host x1

Wall hanging plate x1

Screw x2

1. Mount the hanging plate to the wall with screws. Note: the screws must be all nailed all the way to the wall and the hanging plate must be parallel.

2. Align the hole on the back of the host with the hanging plate, and then mount.

Note:

1) It should be installed in the center of the house to facilitate signal reception and transmission.
2) It should be installed close to the WiFi router.
3) Avoid mounting all devices on metal surfaces and bearing walls.

3.1.2 Alarm mode

(1) Alarm mode of alarm host

1) Away arming: the alarm host is in the monitoring state; when the accessory is triggered, the alarm host will sound an alarm.
2) Home arming: when the user is at home, certain areas can be monitored and alarmed in this mode.
3) Disarming: the alarm host cancels the monitoring status, and the alarm is only triggered by the SOS button or by an accessory that has been set to “24 hours active”.
4) SOS: in case of emergency, click the SOS button to contact the emergency contact person to send out alarm information.

(2) Accessory mode

1) Effective home arming: after the alarm host is set home arming, this type of sensor will be triggered and the alarm host will sound an alarm; it is recommended to use this type for sensors on main doors, windows, balconies, and perimeter areas.
2) Effective away arming: after the alarm host is set away arming, this type of sensor will be triggered and the alarm host will sound an alarm; it is recommended to use this type for sensors in interior areas such as halls and bedrooms.

3) 24 hours active: this type of sensor will sound an alarm whenever it is triggered; it is recommended to use this type of sensors for SOS button, smoke sensor, gas sensor, carbon monoxide sensor, water leakage sensor, etc.
4) Off: the sensor will not sound an alarm when triggered at any moment
5) Doorbell: trigger the sensor or click the doorbell at any moment, the alarm host will sound “Ding-dong”.
6) 24 hours mute: if the sensor is triggered at any moment, the sensor will sound an alarm, but the speaker remains mute.
7) Effective home arming (no delay): after the alarm host is set to be Away arming or Home arming, the sensor will be triggered and sound an alarm without delay; it is recommended to use this type of sensors on main doors, windows, balconies and perimeter areas.
8) Effective away arming (no delay): after the alarm host is set to be Home arming, this type of sensor will be triggered and will not sound an alarm. It is recommended to use this type of sensors in the internal areas such as the hall and bedroom, and it will sound an alarm without delay.

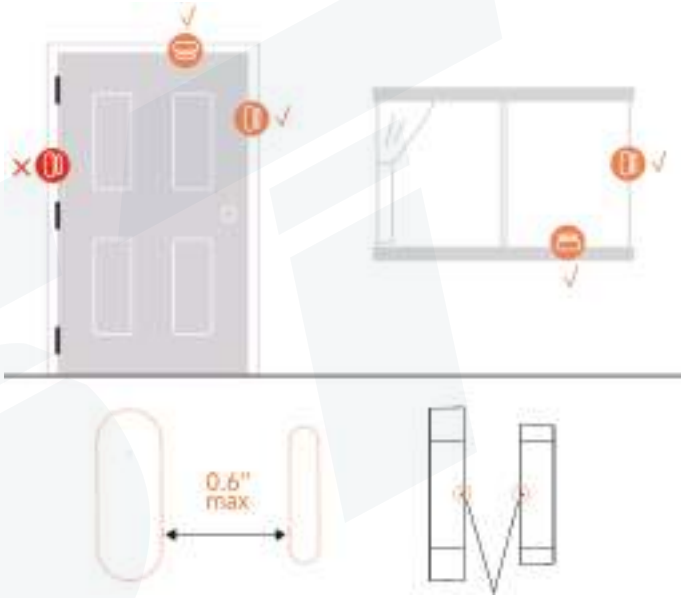
Note: Users may choose to trigger sensors in modes such as Home arming, Away arming (or both modes), or 24 hours active. For example, if you try to avoid triggering an alert at home, you may set a specific sensor to away mode. In this way, when you set the host to Home arming, the alarm will not be triggered, but will only be triggered in Away arming mode.

3.2 Door magnetic sensor

3.2.1 Activate door magnetic sensor
To the alarm host:
(1) Enter Main menu→Device management→Sensor.
(2) Select “ ⊕ ” →Click “Up” and the “Down” to set the area name and area type.
(3) Click the “√” OK button, and then trigger the door magnetic sensor.
(4) Once the pairing is successful, rename the sensor via APP.

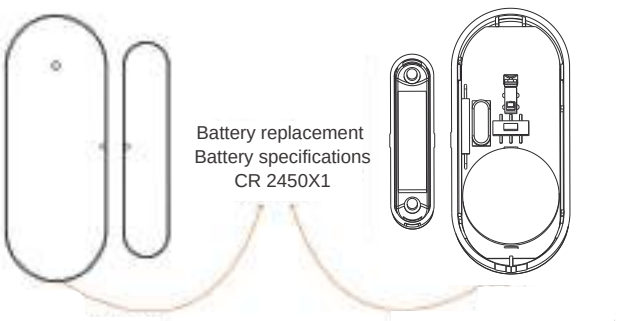
3.2.2 Installation
The door magnetic sensor should be installed on the door and window (see Picture).
(1) First wipe down the area on the door or window, then apply double-sided adhesive tape to the bottom.

(2) The door magnet transmitter (large) and magnet (small) should be installed separately. The triangular markings on the transmitter and magnet should face each other and be less than 0.6 inches apart from each other.
(3) When the installation is complete, open the door or window-if the indicator light keeps on 2 seconds, the installation is complete.



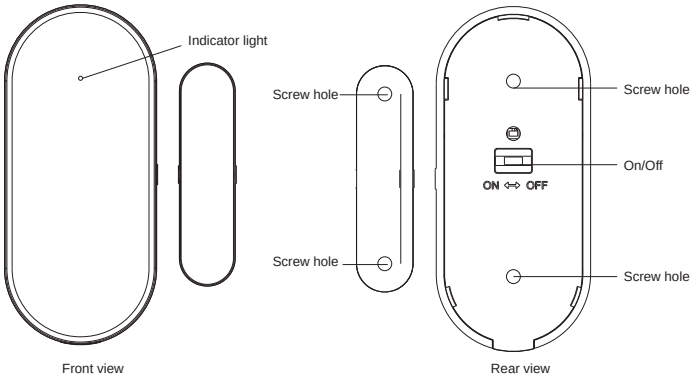
Align the triangular marker with each other

3.2.3 Battery replacement



Lift the door magnets installed on the door and window

New battery replacement



3.3 Infrared sensor

3.3.1 Add infrared sensor

To the alarm host:

(1) Enter Main menu-> Device management-> Sensor.

(2) Select " ⊕ " → Click "Up" and the "Down" to set the area name and area type.

(3) Click "√" to confirm and then trigger the IR sensor. (Waving directly in front of the sensor until the light lights up)

(4) After successful pairing, rename the sensor via APP.

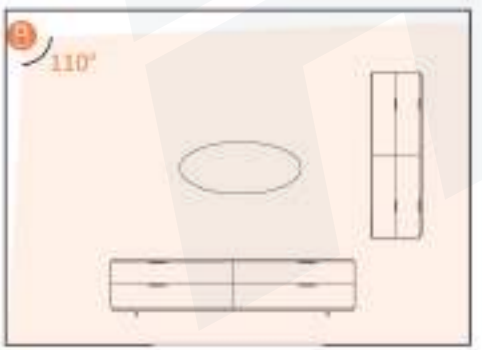
3.3.2 Installation

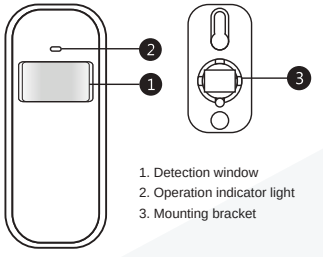
(1) The recommended mounting height is 79 to 87 inches (2.0 m to 2.2 m) above the ground.

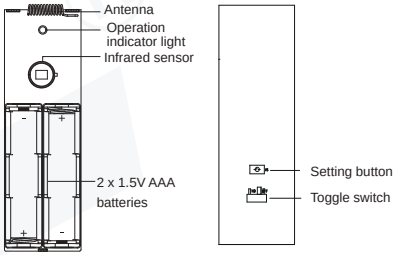
(2) Install it in corner or flat wall surface without obstacles or blind spots.

(3) Do not face hot and cold vents or sources of heat or cold.

(4) To avoid false positives, make sure the pet is not close to it.

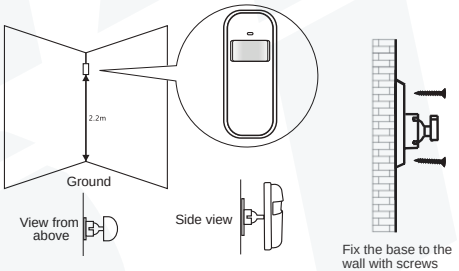






Mounting height

The sensor must be installed 79 to 87 inches (2 to 2.2 meters) above the ground.



3.4 Remote control

3.4.1 Add a remote control

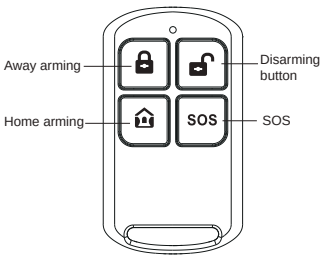
To the alarm host:

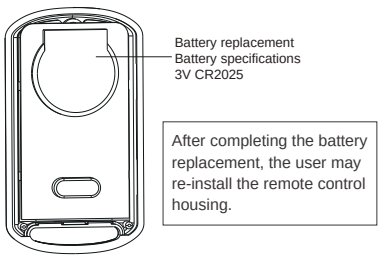
(1) Go to Main Menu→Device Management→Remote Control.

(2). Select " ⊕ " and then trigger the remote control (any button).

(3) The pairing is successful and the remote control on the APP is renamed.

3.4.2 Appearance introduction

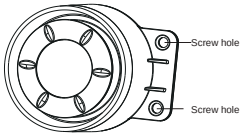




After completing the battery replacement, the user may re-install the remote control housing.

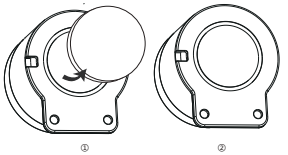
3.5 Siren

3.5.1 Appearance introduction

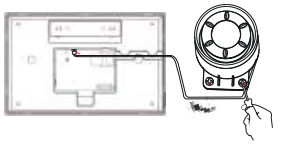


3.5.2 Installation

(1) Tear off the back adhesive and fix the siren to the wall.



(2) Fix the siren on the wall with screws, and then insert the alarm host for use.



3.6 RFID Card

3.6.1 Add RFID cards

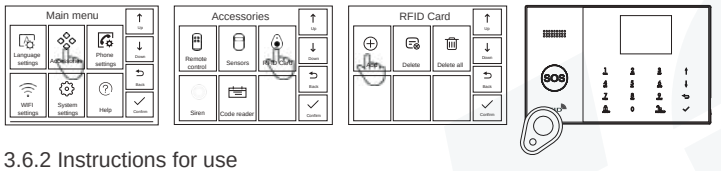
To the alarm host:

(1) Go to the main menu→Accessories→RFID card.

(2) Click “+”→ approach the RFID card to the RFID sensing area.

(sensing distance: within 2CM)

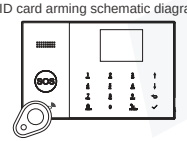
(3) Pairing succeeded.



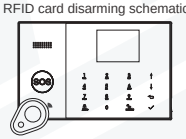
3.6.2 Instructions for use

(1) After the alarm host is added with RFID cards, users may arm and disarm the alarm host with RFID card.

RFID card arming schematic diagram



RFID card disarming schematic diagram

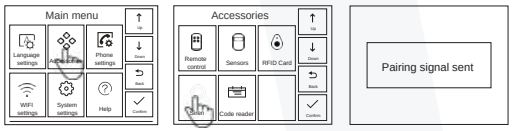


3.7 Siren pairing

To the alarm host:

(1) Enter the main menu→Accessories→alarms.

(2) Click the “√” button on the host, and the host displays “the code verification signal sent” .



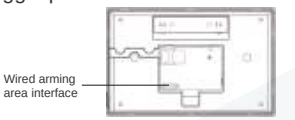
On the wireless siren:

(1) Operate as per the wireless siren instruction to enter the code verification state.

(2) The alarm receives the wireless signal sent by the host and the pairing is successful.

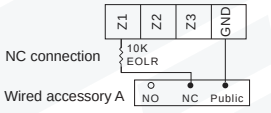
3.8 Zone di difesa cablata

(1) Porta di cablaggio per zone di difesa cablata

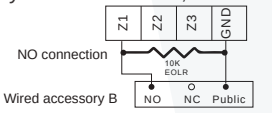


(2) Uso della zona di difesa cablata

1) When the wired accessory contact output is normal close, the wire tail resistor is connected in series at the end of the circuit to one end of the contact; when the wired accessory is disconnected, the alarm host sounds an alarm.



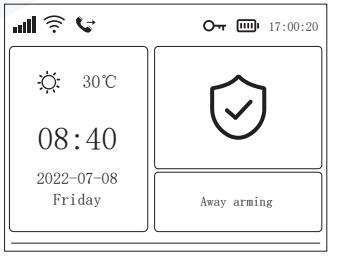
2) When the wired accessory contact output is normal open, the wire tail resistor is connected in parallel at both ends of the contact at the end of the circuit; when the wired accessory is short-circuited, the alarm host sounds an alarm.



There are 3 wired arming zones with wire tail resistors in the wiring slots on the back of the host, which supports alarms for open and short circuits, and the response time of the arming zones is 300 milliseconds. A 10K end-of-line resistor is used for the arming zone, and the maximum resistance of the arming zone circuit plus the end-of-line resistor should not exceed 11,000 ohms. The end-of-line resistor has to be connected to the very end of the entire arming zone circuit, otherwise the system may not respond when the arming zone circuit is open.

IV. How to Use Alarm Host

4.1 Home screen



4.1.1 System icon descriptions

Icons																
Status	No SIM card or SIM card inserted incorrectly	GPRS networking status indication	GSM network field strength indication	WIFI network field strength indication	The device connected to the cloud	Message sending	Dialing	keypad is locked	Main power supply	Backup battery supply	Backup battery low battery	Away arming status	Home arming status	Disarm status	Stay arming and alarm delay countdown display

4.1.2 Operation instructions

Away arming: click the arming button ARM/* of the host computer once to activate the arming setting. When the accessory for setting the away arming is triggered, the alarm host computer will send out an alarm.

Home arming: click the host arming button ARM/* twice, activate the home arming setting. The alarm host will sound an alarm once the accessories set for home arming are triggered,

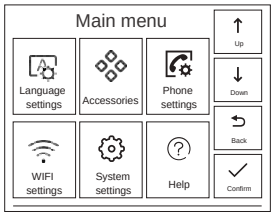
Disarming: click DISARM/# to disarm the host.

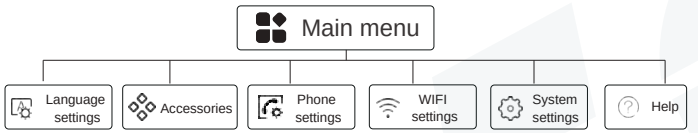
Dialing: click CALL on the host to enter the dialing interface.

4.2 Menu introductions

4.2.1 Main menu

(1) Frame





(2) Main menu function descriptions

Language settings:Chinese/English/Deutsch/Espanol/Italiano/Polski/Español/ Francais/Português/Ελληνικά/EXnvika.

Accessories: management remote control, sensors, RFID card, wired arming zone.

Contact management: set emergency phone numbers.

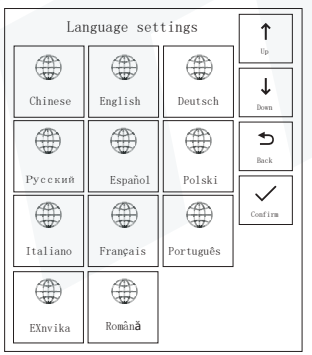
WiFi settings: connect to the APP configuration network or change the APP user.

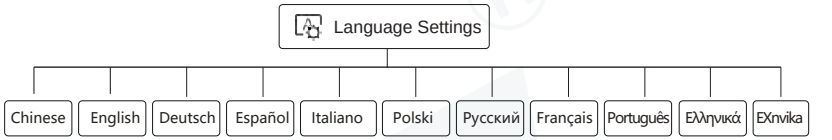
System settings: delay setting, function setting, password setting, clock setting, recording setting, viewing alarm records, viewing arming records, initialization setting.

Help: view device version information and user manual.

4.2.2 Language settings

(1) Frame

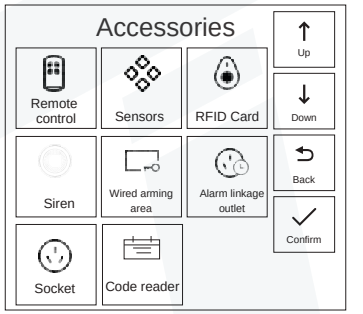


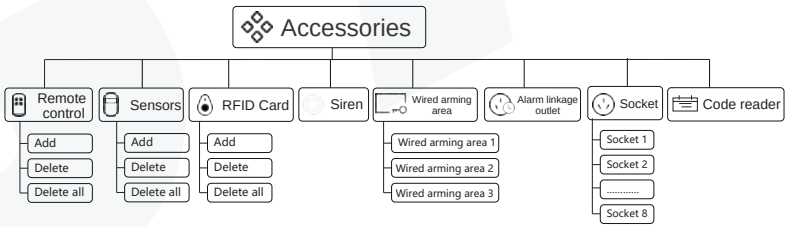


(2) Setting: select any language, click the "√", until the host displays the setting is successful.

4.2.3 Accessories

(1) Frame





(2) Description of accessory functions

Remote controls: manage all remote controls

Sensors: manage all sensors

RFID cards: manage all RFID cards

Alarm code pairing: send signal to wireless alarm code to pair

Wired area: manage all wired areas

Alarm linkage outlet: send wireless signal to the outlet to switch off the outlet.

Socket: send signal to wireless socket for code pairing

Code reader: read ID code of accessories

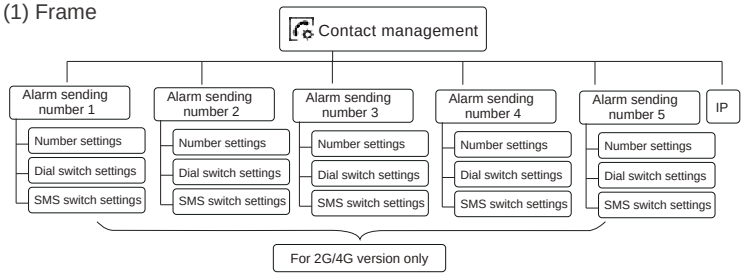
Note:

1) Support learning pairing of all sensors for 1527 or 2262 codes;

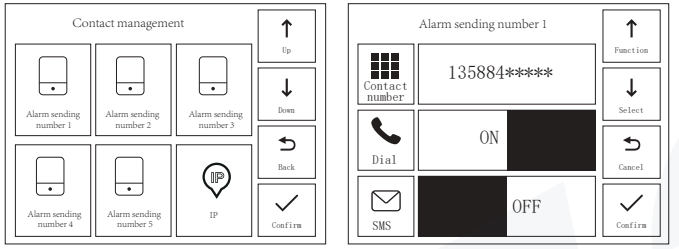
2) Support learning pairing of up to 200 remote controls or sensors and 10 RFID cards.

4.2.4 Phone settings

(1) Frame



(2) Emergency phone number settings



Setting example

Please click to select the corresponding phone/text icon as required

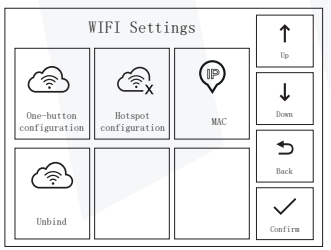
1) Phone number format: if the phone number failed to be reached through phone call or text message, please try to add the area code before the phone number, for example: 00XX, 0XX.

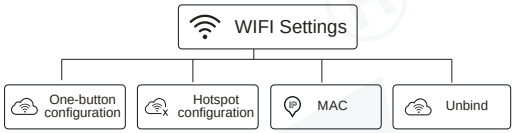
2) SMS/phone alarm rules: after the alarm is triggered, the alarm host will first send a message according to the number sequence preset; after the message is sent, the call will made to the first phone number, and when the first phone number is dialed three times in a row with no answer, the second phone number will be dialed, and then the third phone number will be dialed, and so on. If one of the phone numbers is answered, the next phone numbers will not be dialed.

3) IP: to set the GPRS networking server IP, e.g 116.62.42.223:2001.

4.2.5 Wi-Fi settings

(1) Frame





2.3 APP settings

One-button configuration: use WiFi quick connection mode to configure WiFi with one button.

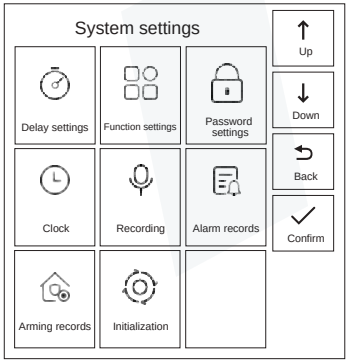
Hotspot configuration: configure WiFi in AP mode.

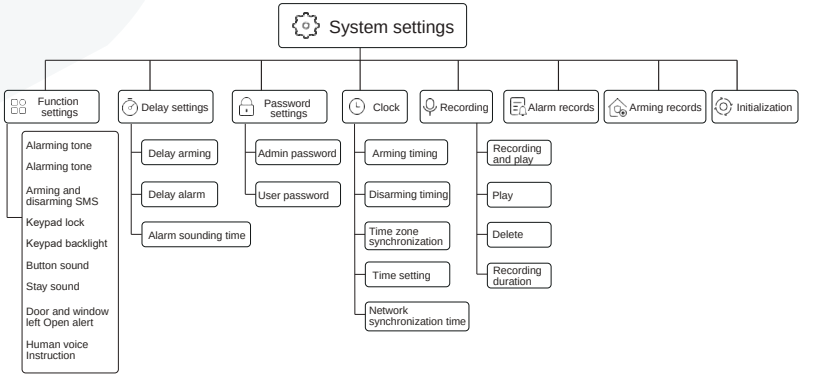
MAC: view WiFi MAC address.

Unbinding: unbind WiFi.

4.2.6 System settings

(1) Frame





(1) Stay settings
1) Stay arming: set the stay arming time, with the range of 0~999 seconds, and a default time of 40 seconds.
2) Stay alarm: set the stay alarm time, with the range of 0~999 seconds, and a default time of 30 seconds.
3) Alarm sounding time: set the alarm sounding time of the alarm host, with the range of 0~999 minutes, and a default time of 3 minutes.

(2) Function settings: set the arming tone, alarm tone, SMS, keypad lock, keypad backlight, keypad sound, delay sound, door and window left open alert, human voice instructions.

(3) Password settings
1) Admin password: the default administrator password is 6666, and the setting range is 0000~9999.
2) User password: the default user password is 1234, and the setting range is 0000~9999.

(4) Clock
1) Arming timing: set the alarm host for timed arming.
2) Disarming timing: set the alarm host for timed disarm.
3) Time zone synchronization: set the time zone manually.
4) Time setting: set the time manually.
5) Network synchronization time: synchronization time settings for WiFi or 2G/4G network.

(5) Recording
1) Recording and play: record and play the recording.
2) Play: play the recording currently stored.
3) Delete: delete the recording currently stored.
4) Recording duration: set the recording duration, the default recording duration is 10 seconds, and the setting range is between 1 to 20 seconds.

(6) Alarm records: view all alarm records, including cause, source, and time.

(7) Arming records: view all arming/disarming records, including operation, source and time.

(8) Initialization: restore alarm host to factory settings.

Please note that this function is normally used when the user forgets the operation password, the host computer works abnormally, the host computer parameters are disorderly configured, or when the user learns an unknown sensor, remote control or RFID card. This operation is not valid when the screen is locked.

4.2.7 Help
View the device parameter information, model, version, IMEI, etc.

V. Remote SMS Settings

5.1 SMS setting parameters

Users just need to edit the setting message in the following format and send it to the host SIM card number to complete the setting.

*	System password	*	Set address	Settings	*	Set address	Settings	*

A setting message may contain one or more pieces of setting address and setting information, but they must be separated by*. A*must be added to the header and footer of the message, and each setting address must be two digits, otherwise unintended setting results may occur. The maximum number of characters of a message shall not exceed 160. It is suggested to complete all the required settings in one setup text message.

Set address	Setting function	Setting description or scope	Factory settings
35	Dial failure and redials	1~255 times	1 time
36	Auto-answer rings	1~255 times	1 time (the function is temporarily reserved)
38	User password modification	0000~9999 four digits required	1234
39	System password modification	0000~9999 four digits required	
43	Parameter initialization	Null, see Note 1	
51	Set alarm phone No. 1	See Note 2	OFF
52	Set alarm phone No. 2	See Note 2	OFF
53	Set alarm phone No. 3	See Note 2	OFF
54	Set alarm phone No. 4	See Note 2	OFF
55	Set alarm phone No. 5	See Note 2	OFF
62	Query GSM field strength	Null	
90	Set GPRS networking server IP address	This setting is only available for GPRS networking, see Note 3	Null
92	Set GPRS access point name APN	This setting is only available for GPRS networking, see Note 4	CM NET
93	Set the network time server domain name		Us.ntp.org.cn
94	Set the time difference between the user's country or region and Greenwich Mean Time		8

5.2 Setting item comments

(1) Parameter initialization: retain the learned remote controller, wireless detector and RFID card, and restore the rest parameters to factory settings Set SMS as: *6666*43*
(2) Alarm call number setting format: xxxxxxxxxx, A, B, where XXXXXXXxxxX is the phone number (maximum 18 digits), A is the alarm voice dialing switch (1-On, 0-Off), and B is the SMS alarm switch (1-On, 0-Off).
Example: set two alarm calls, and the number 13912345678 is used to receive voice call and SMS.
If 75581234567 is only used for receiving voice call, the SMS is set as follows:
*6666*5113912345678,1,1*52075581234567,1,0

(3) IP address setting format: aaa, bbb, ccc, ddd, xxxxx, where aaa, bbb, ccc, ddd are IP addresses, xxxxx is the port number, and they must be separated by English comma.
Example: to set the GPRS networking server IP address as 116.62.42.223 and the port number as 2001, then the SMS setting is: *6666*90116.62.42.223.2001*

(4) Set the GPRS access point APN of the local GSM operator.
Example: if the APN of the GPRS access point of the local GSM operator is internet. beeline. kz, the SMS content is set as: *6666*92internet.beeline.kz*

(5) Set host name via SMS: Users may set a name for the host to be used as the prefix of the alarm SMS to facilitate the identification of the specific alarm position when multiple alarms sound. The SMS format is:1234@xx Building a , where 1234 is the user password, @is the command word “Building a XX Community” when setting the name (maximum 40 characters).

(6) Query setting parameters via SMS

1) Query system setting: SMS format: *6666*62* , then host returns.

YSTEM set:	
SN:	Host serial number
LANGUAGE:	Host language
ENGINEER PASSWORD:	Engineer password
USER PASSWORD:	User password
GSM CSQ:	GSM field strength value (0 or 99 indicates abnormal GSM signal)
WIFI RSSI:	WIFI field strength value

2) Query system setting: SMS format: *6666*90* , then host returns.

SYSTEM set2:	
APN:	GPRS access point name
GPRS IP:	GPRS networking server IP address and port number
NTP:	Network time server domain name
TIME ZONE:	GMT Standard Time Zone
SERVER:	Server

3) Query alarm call setting: SMS format: *6666*51* , then host returns.

PHONE set:	
1	First alarm telephone number, voice switch, SMS switch, master switch
2	The second alarm telephone number, voice switch, SMS switch and master switch
3	Third alarm telephone number, voice switch, SMS switch, master switch
4	Fourth alarm telephone number, voice switch, SMS switch, master switch
5	Fifth alarm telephone number, voice switch, SMS switch, master switch
REDIAL COUNTER:	Voice alarm redial times

4) Query delay settings: SMS format: *6666*33* , then host returns.

DELAY set:	
ENTRY:	Entry delay (unit: s/s)
EXIT:	Exit delay (unit: s/s)
SIREN:	Alarm sounding time (unit: m/min)

5) Query switch setting: SMS format: *6666*46* , then host returns.

SWITCH set:	
ARM/DISARM BEEP:	Arming/Disarming alarm accompanying sound switch (1: ON, 0: OFF)
ALARM BEEP:	Alarm sound switch (1: ON, 0: OFF)
ARM/DISARM SMS:	Arming/Disarming SMS notification switch (1: ON, 0: OFF)

6) Query the number of remote controllers and detectors learned:
SMS format: *6666*26* , the host returns.

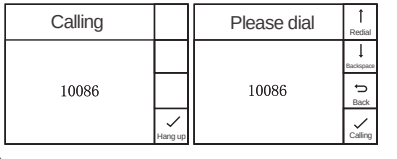
DETECTOR learned:	
REMOTE:	Number of remote controls learned
DETECTOR:	Number of all detectors learned
RFID:	Number of RFID cards learned

7) Return to the result via SMS

<Host name>: Remote operation results

VI. Phone Functions

6.1 Manual dialing



Click the button CALL in the Home screen to enter the dialing interface: please follow the button functions shown in the interface.

The call operation is prohibited under any of the following states: GSM network exception, arming status, call alarm.

6.2 Automatic dialing

When the alarm host sounds an alarm, it will dial the preset emergency call (the dialing switch must be turned on during setting). After the user answers it, it will show the current alarm case first; if there is a preset recording, it will play the recording, and then follows the voice instructions: click 1 to arm, click 2 to disarm, click 3 to monitor, and click 4 to talk. “If it is a false alarm, the user may click 2 to disarm the system to terminate the alarm process. The user may also click 3 to cancel the on-site alarm to monitor the scene more clearly. If monitoring is not necessary, user may hang up the call directly. If the user does not answer or the dialing fails, it will keep dialing preset number according to the preset dialing times until the user answers.”

6.3 Remote calls

When several groups of emergency numbers preset by the alarm host call the host actively, the alarm host will be connected automatically; once the phone is connected, the user can monitor the scene or follow the voice instructions to control the host.

VII. User Daily Operations

The user may operate the host via the following ways

- On-site operation via the remote control, keypad or RFID card.
- Remote sending of SMS.
- Remote operation of mobile phone APP.
- Remote control of call center.

7.1 Away arming

Remote controller operation: click the arming button on the external remote controller.
Keypad operation: click ARM/* in the Home screen.
RFID card operation: under the disarmed state, swipe the RFID card to the card swiping area once.
SMS operation: send message 1234#1, where 1234 is the user password. The host will reply “Remote arming successful!” to the cont phone.
APP operation: click the icon of “Away arming” in the Home screen, and the Device returns to away arming after about 3 seconds, and the APP icon will be updated to Away arming.
Host display: when the voice says “System arming”, the Home screen displays “Arming” and “Arming delay countdown timer”, and the user needs to leave the site before the end of the time delay. If the “Arming/Disarming SMS Notification Switch” is turned on, the message of “Arming Success” will be sent to the preset telephone.

In the state of away arming, all arming areas enter the alert state; if any accessory triggers an alarm at this moment, the alarm host will sound an alarm, then it will send an alarm message and make a call to the preset alarm phone, push the alarm notification through the mobile phone APP, and send the alarm information to the receiving center.

7.2 Home arming

Remote control operation: click the remote control home arming button.
Keypad operation: click ARM/* in the Home screen.
SMS operation: Send SMS 1234#1, where 1234 is the user password. The host replies to the control mobile phone with a SMS of “stay arming successfully!”
APP operation: click the icon of “Home alarming” in the Home screen, and after about 3 seconds, the device returns to home arming successfully, and the APP icon is updated as home arming.
Host display: when the voice says “System disarming”, the Home screen displays “Home arming”; if the “Arming/Disarming SMS notification switch” is on, it will send the message “Home arming Success” to the preset phone.

In the home arming state, only the effective arming area of home arming enters into the alert state. At this time, if any arming area is triggered, the alarm master will send an alarm, send an alarm SMS and make a call to the preset alarm phone, push the alarm information to the mobile phone APP, and send the alarm information to the alarm receiving center.

7.3 Disarming

Remote control operation: click the remote control disarming button.
Keypad operation: click DISARM/# under the interface.
RFID card operation: swipe the RFID card at the swiping area once while in the arming or stay arming state.
SMS operation: send message 1234#2, where 1234 is the user password. The host will reply “Disarming success!” to the control mobile phone.
APP operation: click the icon of “Disarming” in the Home screen, and after about 3 seconds, the device returns to disarming successfully, and the APP icon is updated as disarming.
Host display: when voice says “System disarming”, and the Home screen displays “Disarming”.

After disarming, all alarm will be terminated forcibly, and the alarm host will return to normal. If the “Alarming/Disarming SMS notification switch” is on, the message “Disarming Success” will be sent to the preset phone.

7.4 SOS

Remote controller operation: click the SOS button [SOS] of the remote controller.
Keypad operation: click the 0 SOS button on the main host.
APP operation: Click the SOS icon in the Home screen, and the APP progress status icon will be updated to SOS.
Host display: the host sends out “SOS” alarm and sends an alarm and a call to the preset alarm telephone simultaneously, and sends alarm information to the alarm receiving center.

VIII. Technical Parameters

Input Voltage: DC5V (powered by USB Type-c standard interface)
Operating current: <200mA
Alarm current: <650mA
Wireless RF: Center frequency 433.92MHz, modulation mode ASK, oscillation impedance 330K
Coding format: Receive support 1527/2262
GSM system: 2G/4G
WiFi system: IEEE80211b/g/n wireless standard
Backup battery: 3.7V/1000mAh
Operating temperature: -10℃~55℃
Relative humidity: <80%(no condensation)
Product size: 180*115*20MM (L x H x D)