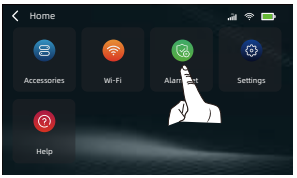
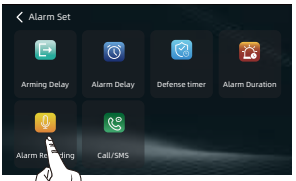
3.9 Recording



①

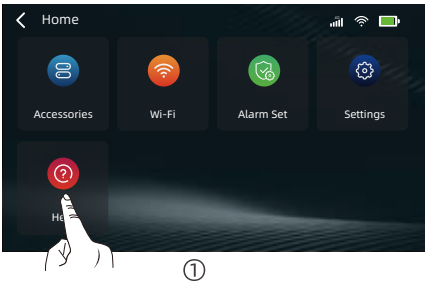


②

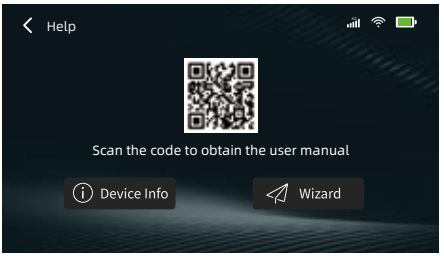
③

① Follow the above steps to enter the Recording Settings screen.
② Select the corresponding features based on different application scenarios.

3.10 Help



①



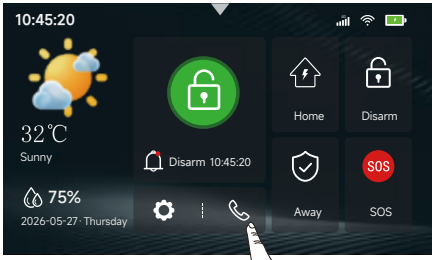
②

Scan the QR code to get the user manual. Click Device Info to view host device information including Wi-Fi module status, firmware version and serial number for troubleshooting, and click Wizard to access the setup wizard.

IV. Dialing and SMS Push Features

Friendly reminder: This feature is only available when a 4G SIM card is inserted and the 4G LTE network is functioning properly.

4.1 Manual Dialing Feature



①

②

① Follow the steps above to enter the dialer interface.
② Manually enter the phone number to make a call.

Dialer Remote Control

Dial Key	Operations	Instructions
1	Dial 1	Remotely set to Arm Away status
2	Dial 2	Remotely set to Disarm status
3	Dial 3	Enable Live Audio Monitoring
4	Dial 4	Enable Two-Way Audio

4.2 SMS Push Notification Feature

Basic Rules

- All SMS operations require password verification.
- A single SMS must not exceed 160 characters.
- This feature is only available when the device has a built-in 4G SIM card.

4.3 Common Configuration Commands

Features	Command Word	Example	Note
Parameter Initialization	43	*6666*43*	Restore factory settings for all parameters except accessories
Set Alarm Phone Number	51	Format: *[Administrator Password]*Serial Number* Phone Number, Voice Switch, SMS Switch* Example: *6666*51*13912345678,1,1*	Set alarm number for Group 1: Number 13912345678, Voice On, SMS On (1 = Enable, 0 = Disable). Note: 6666 represents the administrator password; Command code: 51 stands for Group 1, 52 for Group 2, and so on.
Set the Server IP	90	*6666*90*116,62,42,223, 2001*	Separate the four IP segments with commas. The last segment is the port number. Example: IP 116.62.42.223, Port: 2001
Change User Password	38	*6666*38*1234*	Set the user password to: 1234 Note: 6666 is the administrator password
Change the Administrator Password	39	*6666*39*8888*	Set the administrator password to: 8888 Note: 6666 represents the original administrator password

4.4 System Mode Switching

Features	Command Word	Example	Note
Arm Away	1	1234#1	Arm Away (1234 = User Password)
System Disarm	2	6666#2	Disarm System (6666 = Admin Password)
Arm Stay	3	1234#3	Arm Stay (1234 = User Password)
Emergency	4	1234#4	Emergency SOS (1234 = User Password)

4.5 Set the Host Name

Features	Example	Note
Set the Host Name	6666@MyHost	Set the alarm panel name to: My Panel; the administrator password is 6666.

4.6 Status Query Command

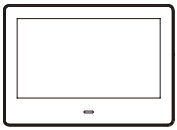
Features	Command Word	Example	Note
System Information Inquiry	62	*6666*62*	Query system information: Host Serial Number, Host Language, Admin Password, User Password, 4G Signal Strength, and Wi-Fi Signal Strength. Note: 6666 is the administrator password.
Query System Network Settings	90	*6666*90*	Query server parameters: 4G APN, Server IP & Port, NTP Domain, and GMT Time Zone. Note: 6666 is the administrator password.
Query Emergency Number	51	*6666*51*	Query Phone Number Group 1. Note: 6666 is the original administrator password. The command code 51 represents Group 1. To query other groups, change the code accordingly (e.g., 52 for Group 2, and so on)
Query Delay Settings	33	*6666*33*	Query delay parameters: Entry Delay (seconds), Exit Delay (seconds), and Siren Duration (minutes). Note: 6666 is the administrator password.
Query Switch Settings	46	*6666*46*	Query status: Arm/Disarm Siren Chime, Alarm Siren, and Arm/Disarm SMS Notification. Note: 6666 is the administrator password.
Query Paired Accessories Count	26	*6666*26*	Query Learned Devices Count: Remotes, Sensors, and RFID Tags. Note: 6666 is the administrator password.

V. Product Installation, Operation, and Maintenance

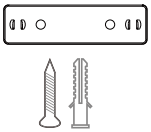
5.1 Alarm Control Panel

(1) Mounting

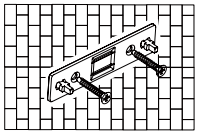
① Wall Mount: Fix the panel to the wall with the supplied screws.



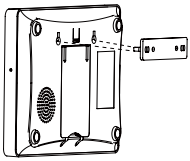
Control Panel x 1



Wall Mount Plate x 1
Plastic plugs x 2
Screws x 2

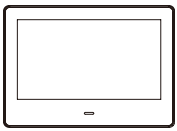


1.Use the wall mount bracket to mark the drill positions. Drill holes ø5mm × 25.3mm deep (all wall plugs are the same size). Insert the wall plugs, then fix the bracket to the wall with screws. Note: drive the screws fully into the wall. The bracket must be level.

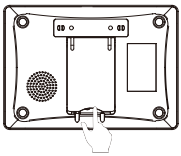


2.Align the holes on the back of the panel with the bracket, then mount it.

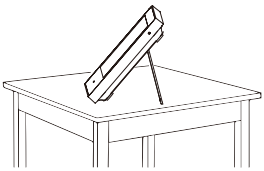
②Desktop Installation: Place directly on a flat surface, close to the power outlet and Wi-Fi router.



Control Panel



Open the desktop mounting bracket



Complete the desktop installation

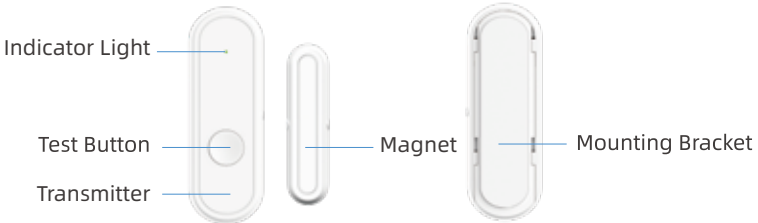
(2) Installation Notes

① Install near the center of the home for good wireless coverage.
② Keep it near the Wi-Fi router for a stable network connection.
③ Do not mount it on metal surfaces or load-bearing walls, which may shield the signal and cause communication faults.

5.2 Door Magnetic Sensor

The Door Contact Sensor monitors door and window open/closed status in real time. If it detects an unexpected opening, it triggers an alarm at once, and the panel notifies you immediately.

(1) Appearance Diagram



(2) Installation

① Clean the sticking area on the door or window to remove oil and dust.

② Stick the transmitter (larger part) on the moving door or window, and the magnet (smaller part) on the frame.

③ Make sure the triangle marks on both parts face each other, with a gap no greater than 15 mm (0.6 in). A larger gap can cause detection to fail.

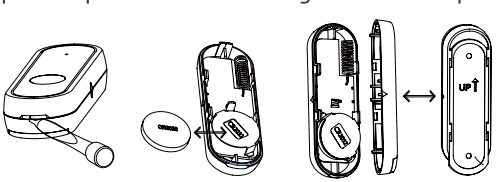
④ After installation, open and close the door/window. The detector LED lights up for 1 second to confirm a correct installation.

(3) Battery Replacement

① Pry open the front and rear covers along the seam to access the battery compartment.

② Remove the depleted battery and insert a new CR2032 battery, ensuring correct polarity.

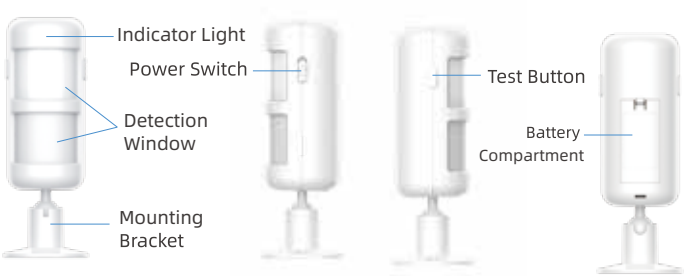
③ Align the snaps and press the covers together to complete the replacement.



5.3 Infrared Detector

The PIR Detector senses indoor human movement. It triggers an alarm automatically on unauthorized entry.

（1） Appearance Diagram



(2) Installation Steps

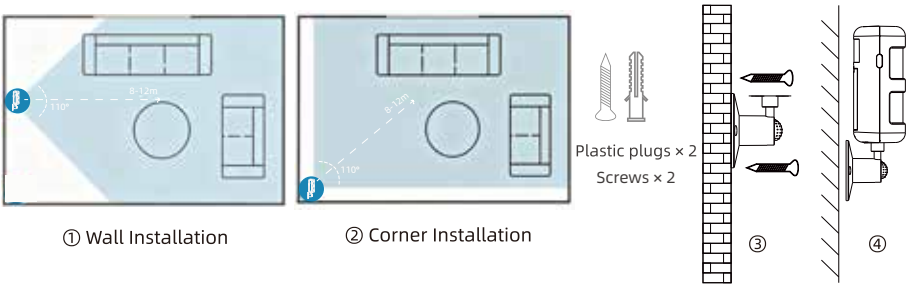
Mounting location: a corner or flat wall, with no obstruction and no blind spots.

① Install it where an intruder is most likely to pass.

② Secure the mounting bracket to the wall using self-tapping screws at a height of approximately 2m to 2.2m (6.6 to 7.26 ft) from the floor.

③ Align the slots on the bottom of the infrared detector with the bracket and snap it into place to complete the installation.

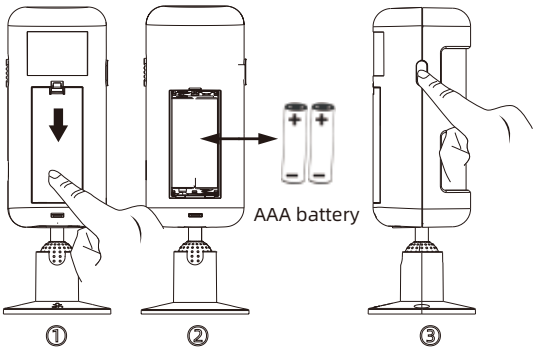
④ Adjustment Angle: Install the detector vertically on the bracket for optimal pet immunity.



① Wall Installation ② Corner Installation

（3）Battery Replacement

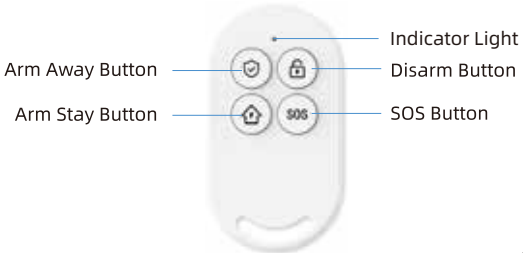
① Remove the back cover to access the battery compartment.
② Remove the old batteries and replace them with new ones of the same type (2 x AAA batteries).
③ Replace the battery cover and test the detector to ensure it is working properly.



5.4 Remote Control

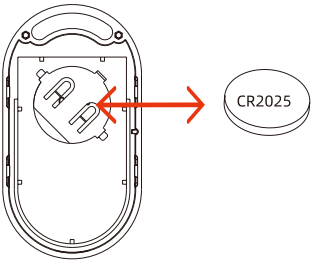
The Remote Control operates the system from a distance. It supports Arm Away, Arm Stay and Disarm. One press of SOS sends an emergency alarm.

（1）Appearance Diagram



(2) Battery Replacement

Open the remote's front and rear covers to reach the battery compartment. Remove the old battery, insert a new CR2025 with the correct polarity, and refit the covers.



5.5 Wired Alarm

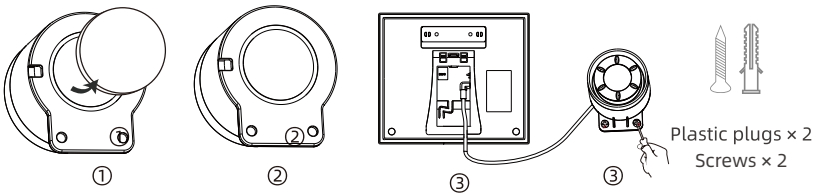
The Wired Siren connects to the panel through the 3.5 mm jack. It gives a loud warning sound. It plays a tone when you arm or disarm, and the panel notifies you immediately when there is an alarm.

(1) Appearance Diagram

(2) Installation Steps

① Peel off the adhesive backing and stick the siren to the wall, or fix it to the wall with screws.

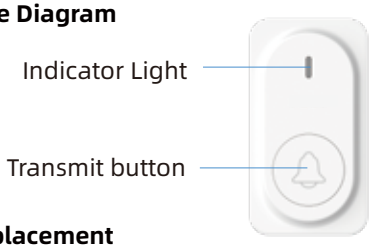
② After mounting, connect the siren to the Control Panel.



5.6 Wireless Doorbell Button

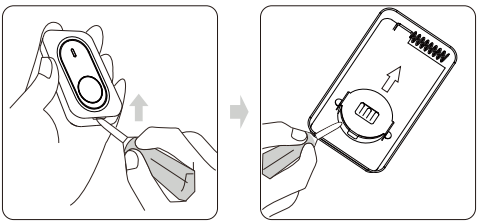
The Wireless Doorbell Button alerts you to visitors. When a visitor presses it, the panel plays a door chime to remind people inside.

(1) Appearance Diagram



(2) Battery Replacement

① Prepare: one CR2450 coin cell and a small flat-head screwdriver.
② Open the cover: gently pry off the snap-fit rear cover with the screwdriver.
③ Replace the battery: remove the old cell and fit a new one following the "+" and "–" marks inside.
④ Test: snap the cover back on and press the transmit button to test the chime.

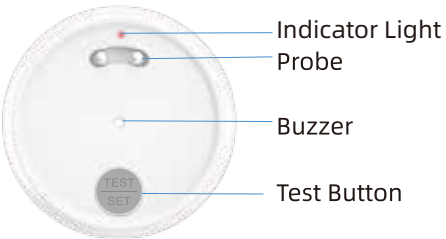


5.7 Water Leak Sensor

The water leak detector can detect water leaks and flooding. Once water is detected, it will immediately trigger an audio-visual alarm and notify the user of the alert via the alarm host.

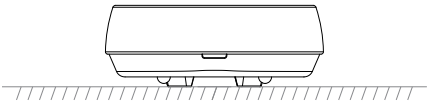
(1) Appearance Diagram

Scan for full instructions



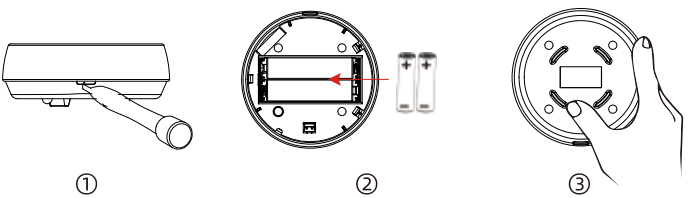
（2）Installation

Simply place it directly on the surface to be monitored.



（3）Battery Replacement

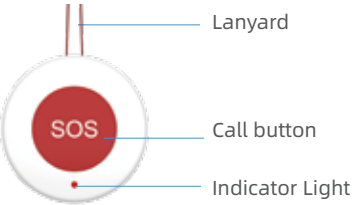
① Remove the back cover to access the battery compartment.
② Remove the old batteries and replace them with new ones of the same type (2 x AAA batteries).
③ Replace the battery cover and test the sensor to ensure it is working properly.



5.8 Emergency Button

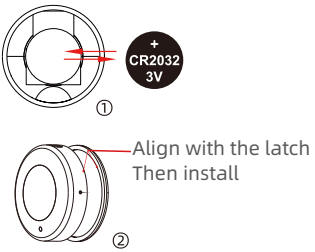
The Emergency Button triggers a local sound and light alert when pressed, and the panel notifies you immediately.

(1) Appearance Diagram



(2) Battery Replacement

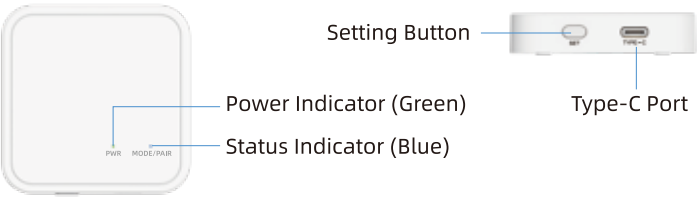
① Open the rear cover.
② Remove the old battery and fit a new CR2032.
③ Refit the battery and the rear cover.



5.9 Repeater

The Wireless Repeater re-transmits and amplifies the RF signal to extend the wireless range, bypass wall obstructions and improve signal transmission. It solves weak detector signals and missed alarms.

(1) Appearance Diagram



(2) Using a Repeater

The repeater has two modes. Press and hold the Setup Button for 5 seconds to switch between them.

1) Auto mode: Just power it on. No pairing needed.

2) Pairing mode: Pair every accessory with the repeater, except the wireless siren. To pair:

① Press the Setup Button once. The blue LED flashes slowly.

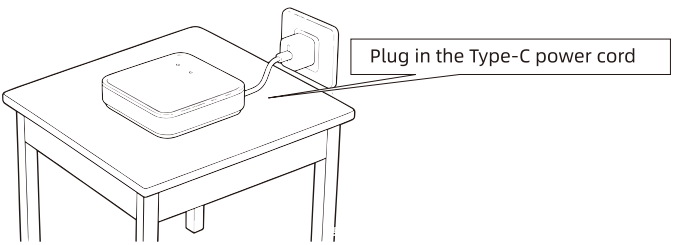
② Trigger the accessory you want to pair.

③ The blue LED flashes once. Pairing is done.

(3) Installation

① Mount the repeater 1.5-2 m (4.9-6.6 ft) above the floor.

② Connect the Type-C cable to the repeater, then plug the power adapter into a wall outlet (mains). The green LED lights up when power is OK.



VI. Troubleshooting

Q: When USB power is cut, the device screen goes black and no power-loss alert is reported.
A: Check that the battery slide switch is set to ON. With adapter power, turn on the backup battery switch so a power-loss alert can be sent.

Q: The panel does not alarm after an accessory triggers.
A: Make sure the panel is armed. Check that the accessory is paired. Confirm the accessory's zone mode is not set to Closed. Check that the detector battery has enough charge.

Q: The Door Contact Detector gives frequent false alarms or no response.
A: Adjust the transmitter and magnet so the marks face each other and the gap is no more than 15 mm. Then open and close the door/window to test the trigger.

Q: The PIR detector gives frequent false alarms.
A: Do not point it at air vents, curtains or other easily moving objects. Confirm the mounting height is 2–2.2 m. Adjust the accessory zone mode for your use case.

Q: The remote buttons do not respond on the panel.
A: Replace the remote battery. Confirm the remote is paired with the panel. Move closer to the panel, or add a repeater if a wall is blocking the signal.

Q: Adding the device over Wi-Fi fails.
A: This panel supports 2.4GHz Wi-Fi only. Make sure the router's 2.4GHz network is on. Check the Wi-Fi password. Move the panel closer to the router and pair again.

Q: The wired siren makes no sound.
A: Make sure the 3.5mm siren plug is fully inserted. In the panel function settings, confirm the alarm sound is turned on.

Q: Wireless accessories often lose signal.
A: Do not mount the panel on metal or behind thick load-bearing walls. Place it near the center of the home. Add a repeater over long distances to extend the wireless signal.

Q: How to unlock the PIN code on the SIM card?
A: Please go to a phone shop to unlock the SIMcard.
If there is no PIN code, the SIM card will work perfectly in the host.

Q: I inserted a sim card but there is no signal?
A:
1. 2G alarm system only works with 2G sim card, 4G sim card works with 2G, 3G and 4G sim card. Please check your sim card first.
2. Reinsert the SIM card, restart the alarm system, wait 2-3 minutes and check.
3. Please click "Menu" -- "Help" and check whether the CSQ number is normal. The normal CSQ is between 1~29.
4. Please insert another sim card to check whether it can work normally.

VII. Technical Specifications

Power: DC 5V / 2A Type-C output
Working current: < 400 mA (backlight off), < 650 mA (backlight on)
Alarm current: < 950 mA (including wired siren drive output)
Wireless RF: 433 MHz
Cellular: 4G LTE
Wi-Fi: 2.4 GHz
Backup battery: 3.7V / 5000 mAh rechargeable lithium battery; about 12 hours on a full charge in standby
Wireless range: 100 m (328 ft) in open space
Built-in siren sound pressure: ≥ 95 dB @ 30 cm
Wired siren sound pressure: ≥ 110 dB @ 30 cm
Working temperature: -10 °C to 55 °C (14 °F to 131 °F)
Relative humidity: < 80% (non-condensing)
Environment: Indoor use only
Protection rating: IP20

Safety and Compliance

IMPORTANT - READ BEFORE USE

This alarm system is not a substitute for emergency services. In an emergency, always call your local emergency number (112 in the EU, 911 in the US).

WARNING: BUTTON CELL BATTERIES

Keep batteries out of reach of children. Swallowing a button cell can cause serious injury or death within 2 hours. If swallowed, seek medical attention immediately. Battery types used: CR2450, CR2032, CR2025, AAA.Do not recharge, take apart, heat or throw batteries into fire. Remove exhausted batteries promptly and dispose of them according to local rules.

CAUTION: SIREN SOUND LEVEL

The wired siren can reach 110 dB. Do not stand close to the siren when it sounds. Prolonged exposure may damage your hearing.

Installation and environment

Indoor use only. IP20 - not protected against water. Do not install outdoors or in damp areas such as bathrooms. Keep the SIM card and small parts away from children: choking hazard.

Disposal (WEEE)

This product must not be thrown away with household waste. Take it to a collection point for recycling electrical and electronic equipment.

Radio equipment

Radio frequencies: 433 MHz receiver, Wi-Fi 2.4 GHz, 4G LTE. This device meets the general public radio frequency exposure limits.

EU declaration of conformity

Hereby, [Manufacturer] declares that this device complies with Directive 2014/53/EU (Radio Equipment) and Directive 2011/65/EU (RoHS).
The full text of the EU declaration of conformity is available at: [URL]

15.19 Labelling requirements.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

15.21 Information to user.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

15.105 Information to the user.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is
connected. -Consult the dealer or an experienced radio/TV technician for help.

RF warning for Portable device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

RoHS