ERA

SMART HOME SECURITY

Dual Network Communicating Alarm System with RFID

INVINCIBLE

Instruction Manual

Customer Helpline
0345 257 2500

Table of Contents

IMPORTANT

PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATING THE SYSTEM AND RETAIN FOR FUTURE REFERENCE.

All devices, with the exception of the External Siren are suitable for mounting in dry interior locations only.

Any repairs must be carried out by an ERA Authorised Repair Centre. Misuse or attempted repairs to a component part of the product will invalidate the warranty. The photocopying, copying, reproduction, translation to any language, modification, storage in a retrieval system or retransmission, in whole or in part, in any form or by any means, electronic, mechanical or otherwise of this manual, is strictly prohibited without the prior written permission of ERA Home Security.

Disposal and Recycling

Disposal of this product is covered by the Waste Electrical or Electronic Equipment (WEEE) Directive. It should not be disposed of with other household or commercial waste.

At the end of the product's useful life, the packaging and product should be disposed of via a suitable recycling centre. Please contact your local authority or the retailer from where the product was purchased for information on available facilities.

Declaration of Conformity

This equipment complies with the essential requirements of the Radio and Telecommunications Terminal Equipment Directive, 1999/5/EC.

Additional Accessories:

This system can easily be extended at any time with the range of ERA Wireless Alarm Accessories, for details visit www.eraeverywhere.com or call our Customer Support team on 0345 257 2500 (local call rate).

FEATURES

- Wireless 433MHz frequency

- Built-in 1,000,000 RF codes combination maintains high reliability

- LCD Screen Touch Keypad with RFID Reader

- Guide menu on screen for ease of programming

- Supports up to 10 Remote Controls, 50 Wireless Sensors, and 50 RFID Contactless Tags

- Stores up to 6 alarm phone numbers

- 10 second voice memo and alarm voice message

- RFID Tag disarm. Unlocks an electronic lock (not included)

- Event Log - stores up to 150 events

- Make phone calls directly from the Control Panel

- Duress code silently sends out alarm notifications

- Timed Arm / Disarm option - set your own daily entry/exit schedule

- Exit and Entry delay

- Name all Zones and RFID Tags

- Arming, disarming and voice memo recording via App, SMS or GPRS

- Push notifications for alarm and low battery conditions

- Wide range of wireless accessories available including Smoke & Flood detection/alerts

Kit Contents

Control Panel

The Dual Network Control Panel receives and processes signals from wireless Sensors and Remote Controls. Settings can easily be changed following the quick programming guide displayed on the LCD screen. When users pick up an alarm notification call they will hear the pre-recoded alarm voice message, from which they can choose to either monitor on-site or to disarm the system.
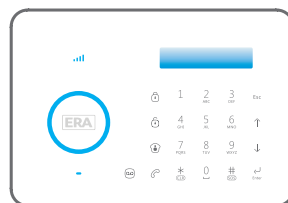
Should the PSTN network be unavailable, the E11 panel will automatically switch to the GSM network..

Notification cycle :
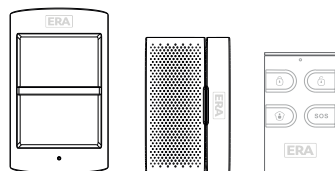
Sensors are triggered or the SOS button on the Remote Control is activated
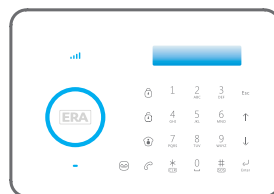
Control Panel alarms and the built-in siren sounds

Users receive push notifications and SMS Messages if a SIM Card is installed
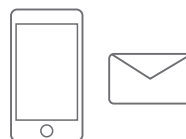
Control panel will dial the pre-stored alarm phone numbers automatically

01
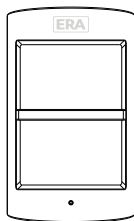
Pet Friendly
PIR Motion Sensor x 1

Wireless
Door/Window Sensor x 1

Wireless
Remote Control x 2
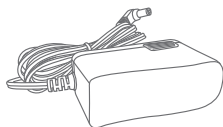
AC Adapter x 1

RFID Tag x 2

Telephone Cable x 1
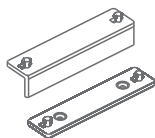
Brackets (Wall-Mounted and
Desktop) for Control Panel x 2

Wall Bracket for PIR
Motion Sensor x 1

Screws and Wall
Plugs x 4

Double-Sided Tape for
Door/Window Sensor x 2

Instruction Manual x 1

Control Panel Layout

Panel Front

GSM Network LED

Home Arm (Part Arm)

RFID Tag Reader /
Play Voice Memo

Disarm

Arm

LCD Display

Escape

Up/Down

Enter

Clear

LED Indicator

Call

SOS

Voice Memo Button

Panel Back

Microphone   Tamper Switch   Speaker

Terminals for
Wired Sensors

SIM Card Slot

PSTN Landline
Socket

AC Adapter
Jack

Power
On/Off

Backup Batteries

Wired Siren Output
(≤500mA)

NC Input for
Wired Sensor
(Normal Zone)

GND
PUSH
Z1
SPK

OFF   ON

Output for
Electronic Lock

Panel Back

Microphone   Tamper Switch   Speaker

Terminals for
Wired Sensors

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Wired Siren Output
(≤500mA)

NC Input for
Wired Sensor
(Normal Zone)

Output for
Electronic Lock

GND
PUSH
Z1
SPK

OFF   ON

Getting Started

1. Plug the AC Adapter output connector into the AC Adapter Jack in the Control Panel.
2. Plug the AC adapter into a wall outlet.
3. Switch the ON/OFF switch to 'ON'

Note: The built-in rechargeable battery should be used only in the case of AC power failure.
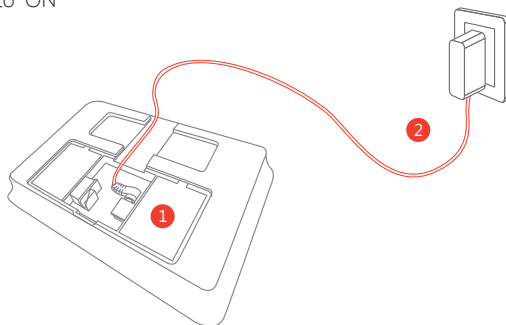
Connect PSTN Landline

Upon alarm activation the dual network Control Panel will auto dial out to the pre-stored phone numbers via PSTN landline, or if unavailable for any reason will automatically switch-over to dialling out to the stored numbers via the GSM network.

1. Connect the smaller connector of telephone cable supplied to the PSTN land line socket at the back of the panel.
2. Connect the other end of the telephone cable to the signal output provided by PSTN land line operator.

Note: If the Control Panel isn't connected to the landline, when in an alarm condition, it will dial out to the pre-stored phone numbers via the GSM network.
The GPRS network is not available until the Control Panel stops calling all numbers.
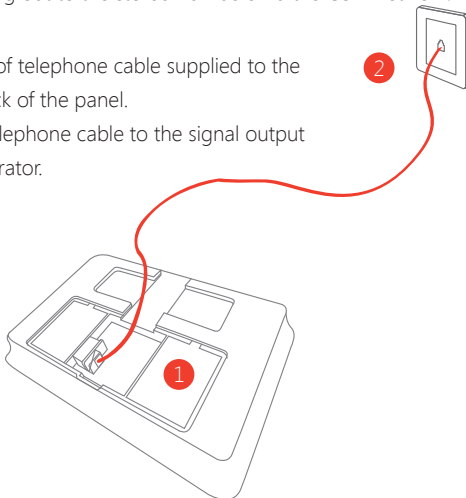
Insert a SIM Card

This step can be ignored if the GSM function is not required...

1. Switch off the Control Panel.
2. IMPORTANT: Remove the (default) code permanently from the SIM Card
3. Turn off the Voicemail function (if it is enabled)
4. Insert the SIM Card (with credit) into the card slot taking care to note the orientation of the SIM Card as shown.
5. Switch the Control Panel back on, it will now search for a GSM signal.
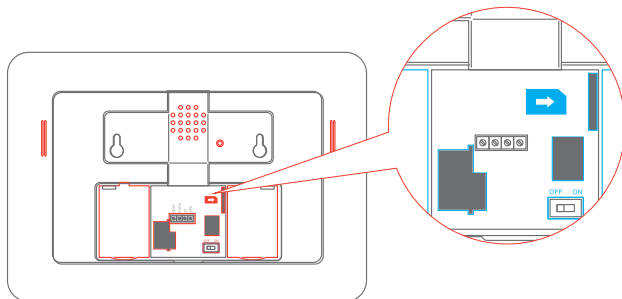
Note: A GSM SIM Card with basic functions (calling, answering, SMS and caller display) is required. If an App is used to control the alarm system via the GPRS network, it is recommended that you sign up to a GPRS data plan in order to minimise running costs.

If no SIM card is inserted, the Control Panel can only send alarm notifications by telephone calls via the landline (PSTN) and users cannot remotely control the Control Panel with the App. All other functions will be fully operable.

SIM Card requirement: 2G GSM SIM Card with calling, SMS, GPRS data and caller display functions.

Key Operation

1. SOS: When pressed, the System will alarm immediately

2. Arm: Press [🔒] to arm your system. All the Sensors are now armed.

3. Disarm: Enter the password (default setting: 1234) and press [🔓]. All Sensors except those set to a 24-H zone are now inactive.

4. Home Arm: Press [🏠] to part arm the system. All Sensors will be active except those set to home mode allowing freedom of movement in selected areas

5. Call: For Making Phone Calls, please refer to Page 7.

6. Record Voice Memo: Press and hold [🎙] for 3 seconds. A voice memo of up to 10-seconds can be left. Press once to listen to the recorded voice memo.

Control Panel Operation

Access Control

The Control Panel's RFID Reader enables quick system disarming by RFID Contactless Tag. RFID Tag disarming also unlocks an electronic door strike if fitted (not supplied).

Pass the RFID Tag across the RFID Reader, the blue LED indicator will flash once and the system will disarm.
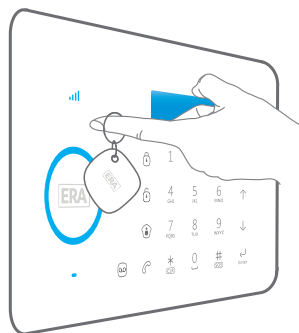
Making Phone Calls

The Control Panel has a built-in communication module. If the PSTN landline is connected or a SIM card is in use (with sufficient credit), the Control Panel can be used to make outbound telephone calls. The panel will firstly attempt dialling out via the landline, if unavailable it will automatically switch to dialling out via the GSM network.

When the Control Panel is in Disarm or Home Mode state, press [Call 📞], input the phone number and press [Call 📞] again, the panel will start dialling out to the telephone number.

If a number is entered incorrectly press [Esc] to clear the call down and enter the correct number. Press [Esc] to cancel an unanswered call. Press [Call 📞] to end a conversation.

Note: If the Control Panel is connected to an extension line (not the main line), 0# or 9# will need to be added as a pre-fix to the telephone number being dialled. If the landline is unavailable and the system switches over to the GSM network, calls can be made without pre-fixing the number.

Voice Memo

To record a Voice Memo of up to 10 seconds press the [Record Voice Memo 🔘] button for 3 seconds. The 'Play Voice Memo' circle will flash to indicate that a message has been recorded. To listen to a Voice Memo touch the center of the circle. The LED indicator will clear down once the voice memo has been played. The voice memo can be replayed by touching the centre of the circle again. Voice Memos are not stored, a new Voice Memo will over-write the previous Voice Memo

Function Setting
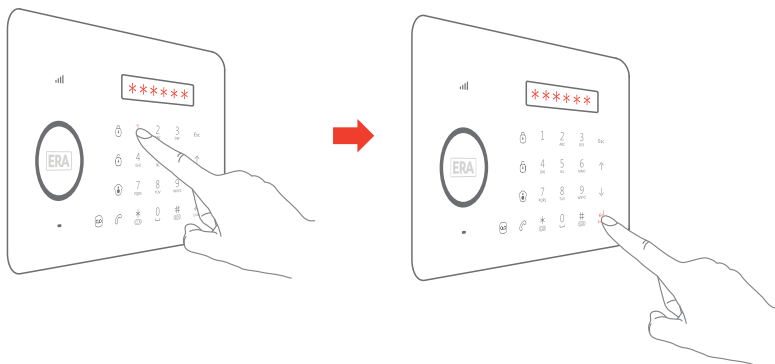
Input the admin code (Default: 123456), then press [Enter] to enter the Setting Menu.

↑ Up	Enter	Confirm
↓ Down	Esc	Back to last step

Alarm Functions

1. If GSM/GPRS functionality is enabled, when the system is disarmed by an RFID Tag, the Alarm will send an SMS/Push notification to the first stored Phone Number i.e. "TAG 01 Disarm".

2. The Alarm System Settings can be viewed via the E11 App or by sending an SMS "00" to the SIM card in the Control Panel.

3. The Alarm can send an Arm/Disarm/Part-Arm notification via SMS to the first stored number. To enable this function, which by factory default is 'disabled', send an SMS "21" to the SIM card in the Control Panel. To revert to this function being 'disabled' send an SMS "20".

Remote Control

The Remote Control allows you to quickly and conveniently Arm and Disarm your Alarm System.

In the event of an emergency (when in or near your property), pressing the SOS button will trigger an alarm condition on the Control Panel and external Siren (if fitted).

Overview

Status Indicator

Arm

Disarm

Part Arm
(Home Arm)

SOS

ERA

Button	System Status
🔒	Press once to Arm. The Control Panel siren beeps once to confirm the system is armed.
🔓	Press once to Disarm. The Control Panel siren beeps twice to confirm the system is disarmed.
🏠	Press once to Part Arm (Home Arm). After 3 seconds, the Control Panel siren beeps once to confirm the system is in Home Mode. Note: Sensors set to Part Arm will not be activated when the system is triggered..
SOS	The Control Panel will sound on-site and the indicator will flash. System users will receive SMS text and telephone calls
🏠 + 🔒	Press the [🏠] button. After the indicator on the Remote Control blinks once, press [🔒] button within 3 seconds to silently Arm the system.
🏠 + 🔓	Press the [🏠] button. After the indicator on the Remote Control blinks once, press [🔓] button within 3 seconds to silently Disarm the system.

Door/Window Sensor

The Door/Window Sensor comprises of a transmitter and a magnet. The Sensor can be mounted on doors, windows and any other object that can be opened or closed. When the transmitter and magnet are separated by more than 2 cm, the Sensor will send a signal to the Control Panel to trigger an alarm.

The supplied Door/Window Sensor is set to Normal Zone by default, the PIR Motion Sensor is set to Home Mode zone. You can change their zone type by following the steps on page 25.

Overview

Status Indicator

PCB Layout

Transmitter — Magnet

Tamper Switch

Battery

Zone Setting
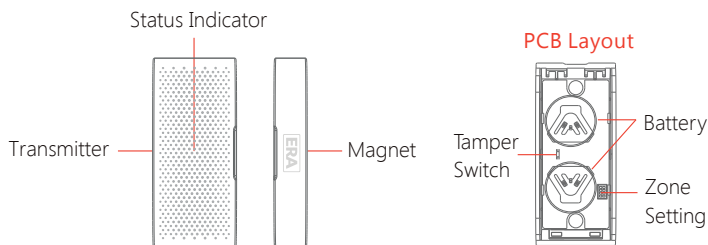
Status Indicator

Blinks once: Door/window is opened
Blinks once per 3 seconds: Low battery - battery replacement required

Note: When the tamper switch is pressed the system will alarm immediately

Test

1. Remove the battery compartment cover (push down and slide away)
2. Pull out the battery isolation strip. The Sensor will work immediately.
3. Press the [Arm 🔒] button on the Remote Control to arm the system. Move the magnet away from the transmitter, the LED will light up and the Control Panel will alarm indicating that the Sensor is operating.

Note: The distance between the transmitter and the magnet must not exceed 1 cm when in the closed position.

Pet Friendly PIR Motion Sensor

The Sensor features pet immunity for animals up to approx. 25kgs.

Overview

1. Detection Lens
2. Status Indicator
3. Test Button
4. Fixing Bracket Slot
5. Self-adhesive Double-sided Tape
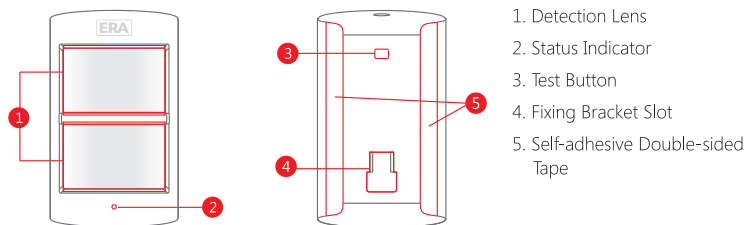
Status Indicator

Blinks continuously: Sensor performs a self-test.
Blinks once: Motion is detected.
Blinks twice: Sensor has exited test mode, and entered into power saving mode.
Blinks once per 3 seconds: Low battery - battery replacement required.

PCB Layout
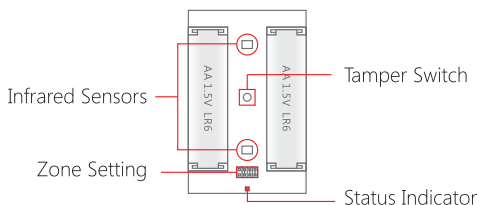
Tamper Switch: When the tamper switch is pressed the system will alarm immediately.
Infrared Sensors: The Infrared Sensors detect movement. Ensure the Sensors are kept clean and dust free.

Test Mode

After self-testing the Sensor automatically enters into Test Mode for 3 minutes and will detect movement every 10 seconds.

Note: To activate test mode at any time press the Test Button.

Power Saving Mode

| Example 1: Initial start and then arm | Example 2: Press the test button and then arm. |

3 minutes later

Sleep after detecting human movement twice.

No human movement within 3 minutes

Switch from sleep to arm.
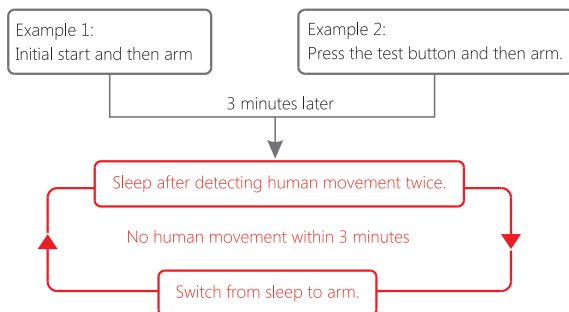
When the Sensor detects motion 2 times in 3 minutes it will automatically enter into power saving mode. When no movement is detected in the next 3 minutes the Sensor will re-set to working mode. During the 3 minute power saving the Sensor will not be active and will not send a signal to the Control Panel.

Note: any movement within the 3 minutes will extend power saving mode by another 3 minutes

Detection Range

110°

Top View

0m   2m   4m   6m   8m

2m

0m

Side view
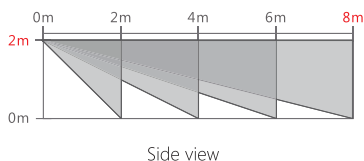
Pet-Immune Function

The Sensor is designed to improve detection accuracy. Pets less than 25kgs will not trigger the alarm.

Part-Arm (Home Mode)

Send "2" to Part Arm the System. Sensors set to the home mode zone are in disarmed status; all other Sensors remain in armed status. That is, you can move freely around areas of your property where the Sensors are set to a 'home mode' zone; however, all Sensors set to a 'normal zone' will remain active and if triggered will activate the Control Panel.

2

Mobile phone home mode

Monitor

Send "3" for remote monitoring by call-back from the Control Panel.

When the Control Panel receives an SMS message, it calls out to the stored phone number. When answered you can monitor (listen in) to the property.

3

Recording Voice Memo

Send "4" to record a Voice Memo. After the Control Panel receives the SMS it will call your phone number. Upon answering you can commence recording your 10-second voice memo.

Note: The Control Panel will disconnect the call after 10 seconds, even if you are still recording your voice message.

4

Installation Advice

1. Fit/position Sensor(s) so that the detection range covers primary entry/exit points
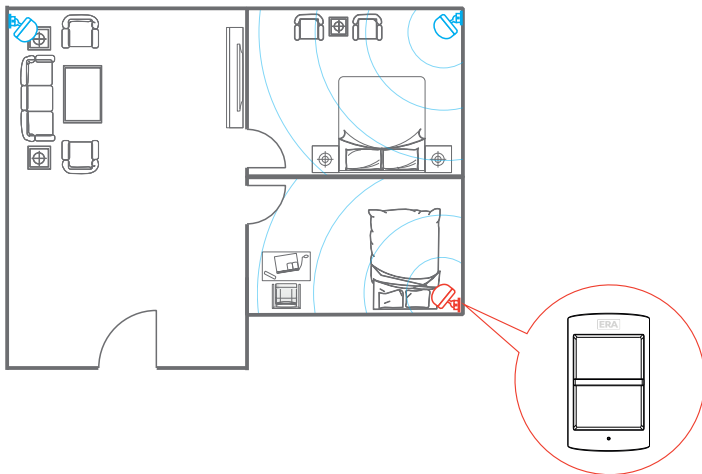
2. Adjust the Sensor Angle for maximum coverage

The installation angle affects sensitivity directly.
For optimal sensitivity the walk direction must be vertical to the infrared direction.
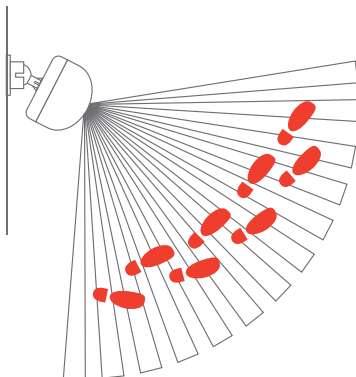
3. Avoid facing towards glass windows or doors

Detection sensitivity can be affected by
movement outside of a window/glass
door, etc., that falls within the detection
range, such as a flow of traffic (vehicles,
people, etc).
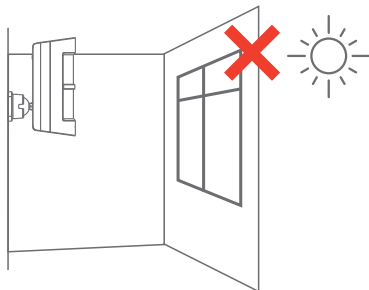
4. Avoid facing or positioning close to a heat source

This includes: heat extraction units,
heaters, air conditioning units,
microwave oven, refrigerator, freezer,
etc., all of which may cause false
triggering of the Sensor.
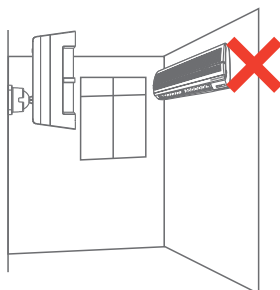
5. Avoid facing towards moving items

Movement such as that of curtains
where there may be a draft from an
open window could result in false
triggering a Sensor.

if there are two sensors covering the
same detection area, adjust the
locations to prevent cross-interference.

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LCD Display Contents

System Status	Display Content
Stand-by	Line Disconnect
	AC Power Failure
	Host Low Battery
	GPRS Connected
	Sensor 1-50 (Sensor Name) Low Battery
	NO SIM CARD
	GPRS Connecting
	GPRS Disconnected
	No GPRS Signal
Arm or Disarm	System Arm
	System Disarm
	System Home Arm
	Remote Arm
	Remote Disarm
	Remote Home Arm
	RFID 1-50 (RFID Name) Disarm
	GPRS Arm
	GPRS Disarm
	GPRS Home Arm
	SMS Arm

Arm or Disarm	SMS Disarm	
	SMS Home Arm	
Alarm	Alarm SOS	
	Alarm Remote SOS	
	Alarm Linecut	
	Alarm Duress Alarm	
	Alarm Panel Tamper	
	Alarm Wired Sensor	
	Sensor 01-50 (Sensor Name) Sensor Tamper	
	Alarm Sensor 01-50 (Sensor Name)	
	Sensor 01-50 (Sensor Name) Low Battery	

LCD Display Menu

Press any key on the touchpad to 'awaken' the LCD Display. Input the admin code
(Default: 123456), and then press [Enter] to enter into the setting menu.

Main Menu	Sub Menu 1	Sub Menu 2	Sub Menu 3
Phone Numbers	Add Phone Number	Alarm Number1-6	–
		CMS Number1-2	–
	Del Phone Number	Alarm Number1-6	–
		CMS Number1-2	–
Accessories	Remote & Keypad	Add	–
		Delete	ALL
			Remote (01-10)
	RFID Tag	Add	–
		Delete	ALL
			RFID (01-50)
		Edit Name	RFID (01-50)
	Wireless Sensors	Add	–
		Delete	ALL
			Sensor (01-50)
		Edit	Sensor (01-50) Edit Sensor Type (Normal Sensor, 24 Hour Sensor, Delay Sensor, Home Sensor) Edit Sensor Name
	Test Mode	–	–

System Settings	Date And Time	Date	–
		Date Format	–
		Time	–
	Entry Exit Delay	Entry Delay <000S>	–
		Exit Delay <000S>	–
	Backlight Time <20S>		–
	Auto Arm/ Disarm	Auto Arm Time <00:00:00>	–
		Auto Disarm Time <00:00:00>	–
	Edit Welcome		–
	Linecut Alarm	On Off	–
	Keypad Tones	On Off	–
	Access Code	Admin Code	Input 6 Digits <Default Code 123456>
		User Code	Input 4 Digits <Default Code 1234>
		Duress Code	Input 4 Digits <Default Code 1111>

System Settings	Ringing Times	–	–	
	Alarm Message	Record	–	
	Siren Setup	Wired Siren	Siren On/Off <On/Off>	
			Arm/Disarm Tone <On/Off>	
		Wireless Siren	Siren On/Off <On/Off>	
			Arm/Disarm Tone <On/Off>	
		Built-in Siren	Siren On/Off <Off/Low/High>	
			Arm/Disarm Tone <On/Off>	
		Siren Alert Time <300S>	–	
	User ID<1234>	Input 4 Digits	–	
	Arm Upload	On Off	–	
	Disarm Upload	On Off	–	
	Language	–	–	
	Reset	–	–	
	LCD Display	GPRS Status Line Status	On Off	
	Alarm Alert	Phone Call SMS Message App Push	On Off	
History	–	–		

Settings

Log into the Menu (press any key on the touchpad to 'awaken' the LCD Screen). Input the admin code (Default: 123456), and then press [Enter] to enter into the setting menu.

> Important: The default language of this alarm system is set to English, you can change the language in the [Language] menu of [System Setting].

1. Alarm Phone Number Setup

6 user phone numbers and 2 CMS phone numbers can be set. When connecting to CMS, the system will send alarm notification and dial CMS phone number to upload Contact ID reports while alarming and then send SMS alerts to all 6 user phone numbers as well as dial 6 user phone numbers one by one. The Control Panel will dial out to the users for a maximum of 3 rounds of calls. If the call is answered, and one of the commands on page 38 is executed, the system will stop dialling out.

Add an Alarm Phone Number
① Log into the menu, choose "Phone Numbers", press [Enter].
② Press [↓] or [↑] , choose "Add Phone Number", press [Enter].
③ Press [↓] or [↑] , choose "Alarm Number 1~6", press [Enter].
④ Input alarm phone numbers in order, press [Enter]. If a group extended telephone number is used, 0# or 9# must be added in front of the phone number.

> Note: To check or edit the stored phone numbers go to "Alarm Number 1~6" to check and edit.

Delete Alarm Phone Number
① Log into the menu, choose "Phone Numbers", press [Enter].
② Press [↓] or [↑] , choose "Del Phone Number", press [Enter].
③ Press [↓] or [↑] , choose "Alarm Number 1~6", press [Enter].
④ Delete the alarm phone numbers in order, press [Enter] again.

> Note: If the system is to be connected to a CMS Centre telephone number, please refer to Connect to CMS Center".

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2. Add/Delete/Edit Accessories

The Control Panel will only receive a signal from an accessory once connected to the Control Panel.

Add/Delete Remote Controls or Wireless Keypads

Add

① Log into the menu, press [↓] or [↑] , choose "Accessories", press [Enter].

② Press [↓] or [↑] , choose "Remote & Keypad", press [Enter].

③ Press [↓] or [↑] , choose "Add", press [Enter].

④ The LCD display will show "Please connect", press any button on the Remote Control or Keypad to enable signal transmitting to the Control Panel. When a single beep is heard, the LCD display will show "Remote (01-10)", connection succeeded.
2 beeps indicate that the Accessory is already connected to the Control Panel.

Delete

To delete Remote Controls or Wireless Keypads, refer to "Delete" in step ③ as above and press [Enter]. Then choose to delete all or specific Remote Controls or Wireless Keypads, press [Enter] again.

Add/Delete/Edit RFID Tags

Add

① Log into the menu, press [↓] or [↑] , choose "Accessories", press [Enter].

② Press [↓] or [↑] , choose "RFID Tag", press [Enter].

③ Press [↓] or [↑] , choose "Add", press [Enter].

④ The LCD display will show "Please connect", place the RFID Tag close to the RFID Reader on the Control Panel. When a beep is heard, the LCD display will show "RFID (01-50)", connection succeeded. When 2 beeps are heard, it means this accessory is already connected to the Control Panel.

Delete

To delete an RFID Tag, select "Delete" in step ③ as above and press [Enter]. Then choose to delete all or specific RFID Tags and press [Enter] again.

Edit

To rename an RFID Tag, choose "Edit Name" in step ③as above and press [Enter] , then input the name.

Note: In the event of incorrectly inputting the name press the [*] button on the Control Panel to clear down and start again . Press the [ESC] to exit.

Add/Delete/Edit Wireless Sensors

Add

① Log into the menu, press [↓] or [↑] , choose "Accessories", press [Enter].
② Press [↓] or [↑] , choose "Wireless Sensors", press [Enter].
③ Press [↓] or [↑] , choose "Add", press [Enter].
④ The LCD display will show "Please connect". Trigger the Sensor once to make it send a wireless signal to the Control Panel. When a single beep is heard the LCD display will show "Sensor (01-50)" connection succeeded. When 2 beeps are heard, it means the accessory is already connected to the Control Panel.

Delete

To delete Sensors, refer to "Delete" in step③ as above and press [Enter]. Then choose to delete all or specific Wireless Sensors, press [Enter] again.

Edit Sensor Type

① Log into the menu, press [↓] or [↑] ,choose "Accessories", press [Enter].
② Press [↓] or [↑] , choose "Wireless Sensors", press [Enter].
③ Press [↓] or [↑] , choose "Edit", press [Enter].
④ Press [↓] or [↑] , choose "Sensor 01-50", press [Enter].
⑤ Press [↓] or [↑] , choose "Edit Sensor Type", press [Enter].
⑥ Press [↓] or [↑] , choose one type of "Normal Sensor/ 24 Hour Sensor/ Delay Sensor/ Home Sensor", press [Enter].

Normal Sensor: In Arm Mode, when normal Sensors are triggered the system will alarm. In disarm mode, when normal Sensors are triggered, the system will not alarm.

24 Hour Sensor: When 24 hour Sensors are triggered, the system will alarm regardless of the alarm status.

Delay Sensor: In Arm Mode, when delay Sensors are triggered, the system will alarm immediately after the set delay time has expired. (For "Entry Delay", please refer to page 29.

Home Sensor: In Home Mode, only normal Sensors will be triggered, home Sensors will not be triggered - this allows for freedom of movement in selected areas of the property even when the system is armed.

Sensor Naming

To rename a Sensor, select "Edit Sensor Name" in step 5 and press [Enter]. Then input the Sensor name.

Note: In the event of incorrectly inputting the name press the [*] button on the Control Panel to clear down and start again . Press the [ESC] to exit.

Pairing a New Wireless Siren

Siren sold separately.

Enter the Siren into 'pairing state' (for 'pairing' instructions please refer to the relevant Siren Instruction manual).

Press [Disarm 🔓] or [SOS] on the Control Panel to send out a pairing signal to the Siren. A beep heard from the Siren indicates successful pairing. If two beeps are heard, the Siren has already been paired.

Test Mode

To test that Sensors and Remote Controls are connected to the Control Panel

Log into the menu, press [↓] or [↑] , choose 'Accessories', press [Enter].

Press [↓] or [↑] , choose "Test Mode", press [Enter]. LCD display will show "Yes?", press [Enter] again to acrtivate Test Mode for 10 minutes.

Trigger linked Sensors one by one, the triggered Sensors will transmit signals to the Control Panel. When 3 beeps are heard the Control Panel will count how many Sensors have been triggered and display the number on the screen. Exit by pressing the [Esc] button.

3. System Settings

Date and Time

Date

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Date and Time", press [Enter].

③ Press [↓] or [↑] , choose "Date", press [Enter].

④ Input date, press [Enter].

Date Format

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Date and Time", press [Enter].

③ Press [↓] or [↑] , choose "Date Format", press [Enter].

④ Press [↓] or [↑] , choose format, press [Enter].

Time

The default time format is set to 24 hours as standard.

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Date and Time", press [Enter].

③ Press [↓] or [↑] , choose "Time", press [Enter].

④ Input current time, press [Enter].

Entry and Exit Delay

If not using the Remote Control when entering/exiting, an entry/exit delay can be set that will give the user sufficient time to enter/exit the property, without the system alarming/arming during the given period of time. The system will arm automatically after the exit delay period set has expired.

Entry Delay

The delay time can be set to suit the user(s) preference. During this period the Sensors will not trigger an alarm status.

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Entry Exit Delay", press [Enter].

③ Press [↓] or [↑] , choose "Entry Delay", press [Enter].

④ Input time for entry delay; press [Enter] for confirmation.

Entry delay time is calculated on seconds; the default is 0 second (off); the set-up range is 0-999 seconds.

> Note: For Sensors set to the 24-hour zone, a timed entry/exit delay cannot be set (refer to page 30)

Exit Delay

Exit Delay is set to leave time for user to exit the property before the system is armed.

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Entry Exit Delay", press [Enter].

③ Press [↓] or [↑] , choose "Exit Delay", press [Enter].

④ Input time for exit delay; press [Enter] for confirmation.

The Exit Delay time is calculated in seconds; default is 0 second (off); setup range is 0-999 seconds.

> Note: Once the delay time is set, when arming the system, one beep will be heard every second to remind the user to leave the property , the beep interval will speed up during the last 15 seconds. A Delay time is unavailable for Sensors set to the 24-hour zone.

Backlight Time

To set the LCD screen backlight standby time:

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Backlight Time", press [Enter].

③ Input time for backlight time; press [Enter].

Backlight time is calculated on seconds; default is 20 seconds; setup range is 01-99 seconds.

Timed Arm / Disarm

The user can set timed arm and disarm according to their daily schedule to avoid repeated operation.

Timed Arm

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Auto Arm/Disarm", press [Enter].

③ Press [↓] or [↑] , choose "Auto Arm Time", press [Enter].

④ Input exact time for arming; press [Enter].

Timed Disarm

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter] for confirmation.

② Press [↓] or [↑] , choose "Auto Arm/Disarm", press [Enter].

③ Press [↓] or [↑] , choose "Auto Disarm Time", press [Enter].

④ Input exact time for disarming; press [Enter].

Edit Greeting Message

To display a greeting message on the LCD screen when the alarm is turned on or the touchpad is activated:

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Edit Welcome", press [Enter] to input the greeting message. [✱] means to delete, [#] means space, [↓] means to move back, [↑] means to move forward.

Line Cut Alarm

When the 'linecut alarm' function is on, the Control Panel will alarm if the PSTN landline is disconnected by any method, even if the built-in siren is set to mute.

Turn On/Off Linecut Alarm

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Linecut Alarm", press [Enter].

③ Press [↓] or [↑] , choose "On" or "Off", press [Enter].

The default setting is "On" (the linecut alarm function is enabled).

Keypad Tone

The keypad tone can be set to 'on' or 'off'. The default setting is 'on'.

Turn On/Off Keypad Tone

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Keypad Tone", press [Enter].

③ Press [↓] or [↑] , choose "On" or "Off", press [Enter].

Access Code

The Control Panel is supplied set to a default user code, admin code and duress code. Please change all codes before system use and only disclose your codes to authorised system users.

Admin Code

An 'admin code' user can arm and disarm the system, change system settings, reset codes etc. To change the Admin Code:

○ Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

○ Press [↓] or [↑] , choose "Access Code", press [Enter].

○ Press [↓] or [↑] , choose "Admin Code", press [Enter].

○ The LCD screen will show "Input 6 Digits". Input the current admin code and press [Enter]. (Default Admin Code: 123456)

○ Input the new 6 digit admin code, press [Enter].

User Code

A 'user code' user can set arm and home modes and disarm the alarm system.
To change the User Code:

○ Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

○ Press [↓] or [↑] , choose "Access Code", press [Enter].

○ Press [↓] or [↑] , choose "User Code", press [Enter].

○ The LCD screen will show "Input 4 Digits". Input the current user code and press [Enter]. (Default User Code: 1234)

○ Input the new 4 digit user code, press [Enter].

Duress Code

In the case of an emergency situation, i.e. intrusion or attack, it is recommended that the duress code is used to disarm the alarm system. The Control Panel will silently dial-out to the alarm telephone numbers stored. To change the Duress Code:

○ Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

○ Press [↓] or [↑] , choose "Access Code", press [Enter].

○ Press [↓] or [↑] , choose "Duress Code", press [Enter].

○ The LCD screen will show "Input 4 Digits". Input the current code, press [Enter]. (Default Duress Code: 1111)

○ Input the new 4 digit duress code, press [Enter].

Remote Phone Control

Users can operate the system remotely. To adjust the number of rings after which Remote Phone Control operation will be activated:

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Ringing Times", press [Enter].

③ Input 5~9 for number of rings to be made, press [Enter].

The Default setting is 5 rings.

Alarm Message

A 10-second voice message can be recorded that plays when the Control Panel calls out to a user's stored phone numbers. The voice message will be repeatedly played to notify of intrusion.

Record Alarm Message

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Alarm Message", press [Enter].

③ Press [↓] or [↑] , choose "Record", press [Enter].

④ The LCD screen will display "Record 10s Voice", press [Enter].

⑤ Voice recording will stop automatically after 10s or To stop the recording before the 10s expiry time, press [Enter].

Siren Setup

External Sirens (if added to the system) and the built-in siren can be set to beep when armed and/or disarmed. The ringing duration can be set between 0 and 300 secs. See the end of this section for 'Set Ringing Time for all Sirens'

Wired Siren

Wired Siren (a Siren that is wired into the Control Panel).

Turn On/Off a Wired Siren (Optional Accessory)

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Siren Setup", press [Enter].

③ Press [↓] or [↑] , choose "Wired Siren", press [Enter].

④ Press [↓] or [↑] , choose "Siren On/Off", press [Enter].

⑤ Press [↓] or [↑] , choose "On" or "Off", press [Enter].

"On" is to turn on the wired siren; "Off" is to turn off the wired siren.

The default setting is "On"

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Siren Setup", press [Enter].

③ Press [↓] or [↑] , choose "Wired Siren", press [Enter].

④ Press [↓] or [↑] , choose "Arm/Disarm Beep", press [Enter].

⑤ Press [↓] or [↑] , choose "On" or "Off", press [Enter]

"On" is to turn on arm/disarm beep for a wired siren; "Off" is to turn off arm/disarm beep for a wired siren.

The default setting is "On".

Wireless Siren

A Wireless Siren is connected to the Control Panel via a radio frequency.

Turn On/Off a Wireless Siren

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Siren Setup", press [Enter].

③ Press [↓] or [↑] , choose "Wireless Siren", press [Enter].

④ Press [↓] or [↑] , choose "Siren On/Off", press [Enter].

⑤ Press [↓] or [↑] , choose "On" or "Off", press [Enter].

"On" is to turn on the wireless siren; "Off" is to turn off the wireless siren.

The default setting is "On".

Turn On/Off Arm/Disarm Beep for Wireless Siren

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Siren Setup", press [Enter].

③ Press [↓] or [↑] , choose "Wireless Siren", press [Enter].

④ Press [↓] or [↑] , choose "Arm/Disarm Beep", press [Enter].

⑤ Press [↓] or [↑] , choose "On" or "Off", press [Enter].

"On" is to turn on arm/disarm beep for wireless siren; "Off" is to turn off arm/disarm beep for wireless siren.

The default setting is "On".

Built-in Siren

The built-in siren is inside the Control Panel.

Turn On/Off the built-in Control Panel Siren

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Siren Setup", press [Enter].

③ Press [↓] or [↑] , choose "Built-in Siren", press [Enter].

④ Press [↓] or [↑] , choose Siren On/Off, press [Enter].

⑤ Press [↓] or [↑] , choose Off/Low/High, press [Enter].

Choose "Low" or "High" to adjust the volume; "Off" is to turn off the built-in siren. The default setting is "Low".

Turn On/Off Arm/Disarm Beep for Built-in Siren

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Siren Setup", press [Enter].

③ Press [↓] or [↑] , choose "Built-in Siren", press [Enter].

④ Press [↓] or [↑] , choose "Arm/Disarm Beep", press [Enter].

⑤ Press [↓] or [↑] , choose "On" or "Off", press [Enter].

"On" is to turn on arm/disarm beep for built-in siren; "Off" is to turn off arm/disarm beep for built-in siren. The default setting is "On".

Set Ringing Time for All Sirens

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Siren Setup", press [Enter].

③ Press [↓] or [↑] , choose "Siren Alert Time", press [Enter].

④ Input the ringing time, press [Enter].

The Siren ringing time is calculated as seconds, the default setting is 300 seconds. If 0 second is set, the siren will not ring.

User ID for CMS

Please see details at Page 36: Connect to CMS

Upload Arm Report

Please see details at Page 37: Connect to CMS

Upload Disarm Report

Please see details at Page 37: Connect to CMS

GPRS & Line Status Messages

When GPRS and Live Status messages are set to 'on', the Control Panel will display a warning message in the event of the GPRS signal and landline connection being lost.

GPRS Status

○ Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

○ Press [↓] or [↑] , choose "LCD Display", press [Enter].

○ Press [↓] or [↑] , choose "GPRS Status", press [Enter].

○ Press [↓] or [↑] , choose "On" or "Off", press [Enter].

The warning message default setting is "Off".

Line Status

○ Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

○ Press [↓] or [↑] , choose "LCD Display", press [Enter].

○ Press [↓] or [↑] , choose "Line Status", press [Enter].

○ Press [↓] or [↑] , choose "On" or "Off", press [Enter].

The warning message default setting is "Off".

Alarm Alert

○ Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

○ Press [↓] or [↑] , choose "Alarm Alert", press [Enter].

○ Press [↓] or [↑] , choose "Phone Call" or "SMS Message" or "App Push", press [Enter].

○ Press [↓] or [↑] , choose "On" or "Off", press [Enter].

Reset

① Log into the menu, press [↓] or [↑] , choose "System Settings", press [Enter].

② Press [↓] or [↑] , choose "Reset", press [Enter] to reset the system to default setting.

Note: All system settings will be restored to the default factory setting but the paired Sensors will remain working.

In the event of the Admin Code being lost and the administrator not being able to access the system to edit settings, please contact the Customer Support Helpline.

4. Check Event Logs

Up to 150 past events can be tracked/viewed.

① Log into the menu, press [↓] or [↑] , choose "History", press [Enter].

② Press [↓] or [↑] , select the event you want to view, press [Enter]. The event log time and alarm location will be shown.

Note: Hold [↓] or [↑] to skip a logged event.

Connection to an Electronic Lock

An Electronic Lock when connected to the system for access control purposes, will send an "On/Off" (lock/unlock) signal to the Control Panel.

Please refer to your door lock manual for compatibility and connection instructions.

Connect to CMS

Please ignore this step if <u>not</u> connecting/contracting to a CMS centre.
When connected to a CMS Centre, the Control Panel will upload the contact ID to the
CMS centre automatically upon intrusion.

Add CMS Telephone Number

① Log into the menu, choose "Phone Numbers", press [Enter].
② Press [↓] or [↑] , choose "Add Phone Number", press [Enter].
③ Press [↓] or [↑] , choose "CMS Number1"or "CMS Number2", press [Enter].
④ Input the CMS telephone number, press [Enter]. If a group extension telephone
number is used to connect to the CMS centre, add 0# or 9# before the telephone
number to be stored.

> Note: To check or edit the pre-stored telephone number, go back to "CMS Number 1~2"

Delete CMS Telephone Number

① Log into the menu, choose "Phone Numbers", press [Enter]
② Press [↓] or [↑] , choose "Del Phone Number", press [Enter]
③ Press [↓] or [↑] , choose in order "CMS Number1~2", press [Enter]
④ Delete the stored CMS telephone number, Press [Enter].

User ID

The User ID is supplied by the CMS centre. The ID number relates to the Alarm
System/User's location.

① Log into the menu; press [↓] or [↑] , choose "System Settings", press [Enter]
② Press [↓] or [↑] , choose "User ID", press [Enter]
③ LCD display will show "Input 4 Digits", input 4 digits user ID, press [Enter]

Upload Arm/ Disarm Report to CMS Centre

When this function is enabled, all arm/disarm reports will be uploaded automatically to the CMS centre to notify of the alarm system status.

① After the User ID is set, press [↓] or [↑] to choose "Arm Upload" or "Disarm Upload", press [Enter].

② Press [↓] or [↑] , Choose "On", press [Enter].

③ When choosing "Off" during setup ② , press [Enter], an arm/ disarm report will not be uploaded to a connected CMS centre.

Contact ID Reports

Event Code	Event	Event Code	Event
3401	Arm	1137	Control Panel tamper alarm
1401	Disarm	1144	Sensor tamper alarm
1409	Disarm by RFID Tag	1140	Normal zone alarm
1132	PIR Sensor alarm	1133	24H zone alarm
1131	Door Sensor alarm	1384	Sensor low battery
1100	Emergency call	1302	Control Panel low battery
1120	Duress alarm	1301	Control Panel AC failure
3456	Part Arm (Home mode)		

Remote Phone Control

The system can be controlled at the Control Panel and with a Remote Control. In addition the system can be remotely controlled by telephone call, SMS or App.

Remote phone control can be achieved in two ways:

Answering Alarm Telephone Call to Start Remote Control

When an alarm is triggered the Control Panel will auto-dial the stored phone numbers. When answering the call, the user will hear the pre-recorded alert voice message (if one is set). Press one of the keys shown on the next page to operate the system remotely. The Control Panel will make up to three rounds of calls to the stored numbers. When the user presses any of the keys shown in the instruction table, the Control Panel will stop dialling-out. If the call is unanswered the system will stop dialling out after three rounds of calls.

SMS Operation

The system can be controlled by sending SMS commands to the SIM card number of the Control Panel. SMS messages are charged in accordance with your network service provider.

Note: It is important to store the user telephone number(s) during system set-up in order to prevent unauthorised control by any other telephone number.

Disarm

Send "0" to Disarm the system. In disarmed status, the Sensors (except those accessories in the 24-hour zone) will not trigger an alarm when detecting intrusion.

0

Mobile phone disarm

Arm (Away Mode)

Send "1" to Arm the system. In armed status, the system will trigger an alarm when detecting intrusion.

1

Mobile phone arm

Part-Arm (Home Mode)

Send "2" to Part Arm the System. Sensors set to the home mode zone are in disarmed status; all other Sensors remain in armed status. That is, you can move freely around areas of your property where the Sensors are set to a 'home mode' zone; however, all Sensors set to a 'normal zone' will remain active and if triggered will activate the Control Panel.

2

Mobile phone home mode

Monitor

Send "3" for remote monitoring by call-back from the Control Panel.

When the Control Panel receives an SMS message, it calls out to the stored phone number. When answered you can monitor (listen in) to the property.

3

Recording Voice Memo

Send "4" to record a Voice Memo. After the Control Panel receives the SMS it will call your phone number. Upon answering you can commence recording your 10-second voice memo.

Note: The Control Panel will disconnect the call after 10 seconds, even if you are still recording your voice message.

4

System Enquiry

Send "18" to the SIM card in the Control Panel to check the setting status of the system.

18

Turn off arm/disarm message notice

Send "20" to switch off the Arm/ Disarm text notification.
Note: Disarm by RFID text messages will still be received if already setup.

20

Note: The system default is set to turn off the arm/disarm message notice.

Turn on arm/disarm message notice

Send "21" to switch on the Arm/ Disarm text notification.

21

App Operation

This system can be controlled through SMS or the GPRS interface on the APP.
If selecting SMS: for iPhone, the SMS sending interface will be displayed. For Android smartphones the SMS will be sent directly to the phone number of the Control Panel without interface redirection.

Download and Install the FREE APP

Search keywords "ERA Invincible Alarm" in Apple Store or Google Play.
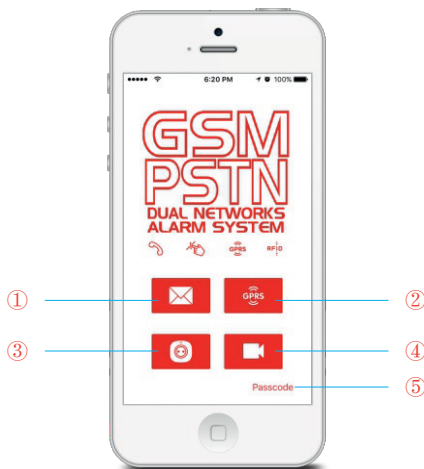
① Tap [✉] to control the system through SMS.
② Tap [🔘] to control the system through GPRS.
③ Tap [◉] to connect an E5 WiFi/GPRS Remote Socket Switch (available separately).
④ Tap [📷] to connect an IP116 HD WiFi Camera (available separately).
⑤ Tap [Passcode] to turn ON/OFF the APP passcode. Note: For security reasons we recommend a unique password is set.

Control through SMS

Any telephone number can operate the system through APP by default.
We recommend you store your alarm phone numbers on the Control Panel when
setting up the system so that only the commands from these numbers are recognised.

1. Add accounts

Adding accounts enables you to link the alarm system to your smartphone. You can
control additional E11 systems from one phone by the addition of further accounts.
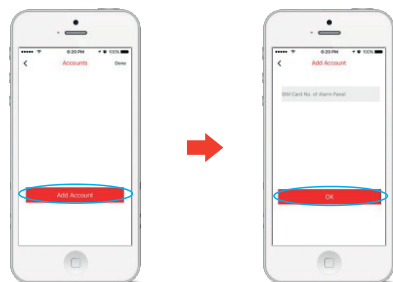
① Enter [Accounts]

Tap the E11 APP,choose [SMS], and then enter the account management interface.
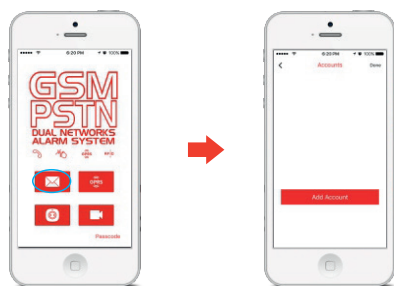
② Add Account

Tap [Add Account], input the telephone (SIM Card) number of the Control Panel and
then tap [OK].

2. Main Menu Functions

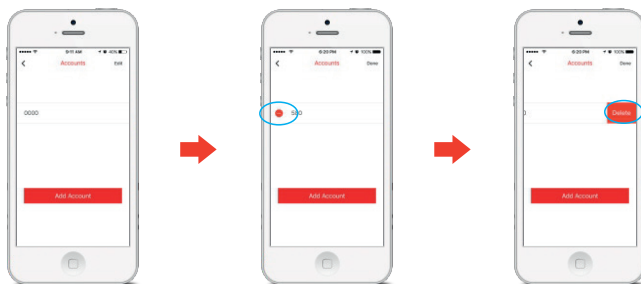Enter the telephone number of the Control Panel to enter the main menu. Once entered you can disarm, arm, home arm, check system settings, monitor the alarm status and leave a voice memo.
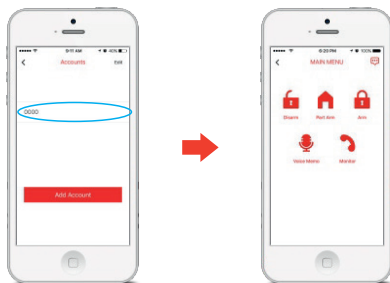
3. Delete Accounts

iPhone: Tap [EDIT], choose the account number, tap [🔴] to confirm deletion.

Android phone: Tap [EDIT], press and hold the account number until the dialog box appears, tap [OK] to confirm deletion.

Control through GPRS Data

APN Setting

The Access Point Name (APN) is the name for settings your phone reads to set up a connection to the gateway between your carrier's cellular network and the public internet. If the SIM card of the Control Panel doesn't work, then some setting changes will be required to enable the APN to open the GPRS function:

Send 'APN' to the Control Panel SIM Card; you will receive a message back.
Forward and fill in the related APN, username and password, then send it back.
You will receive a message 'Operation Succeeded' from the Control Panel SIM card.
Turn off the Control Panel and switch it back on. App operation via GPRS will now be enabled.
A return message of 'OK', means the setup is successful.

APN

APN:
User name:
Password:

APN:live.vodafone.com
User name:
Password:

Operation succeeded
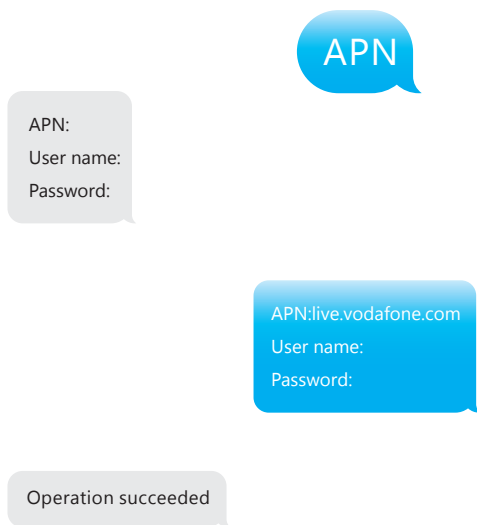
1. Register

Registering an account enables you to link the alarm system to your smartphone.

① Enter login interface

Tap E11 APP,choose [GPRS], and then the login interface appears.
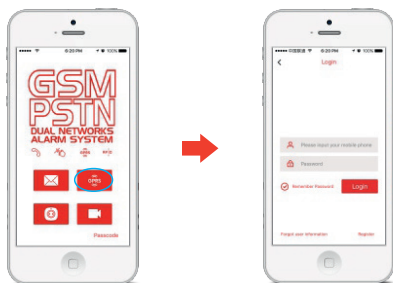
② Register an account

Tap [Register], input your mobile number, password and code (Serial No) and device ID (as shown on the label on the back of the Control Panel), and then tap [OK].
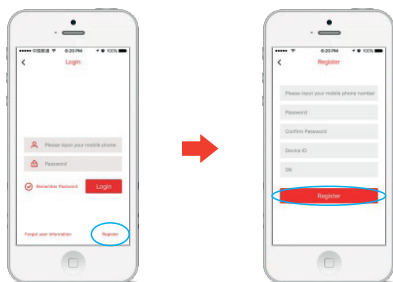
Note: When registering, please input the user's mobile number and NOT the Control Panel SIM card number. The device ID, SN code are shown on the back of the Control Panel.

2. Operation on Main Menu

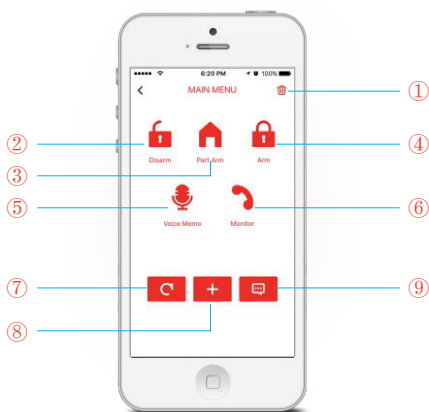Main menu functions: Disarm, Arm, Part Arm, Monitor, leave Voice Memo.

① Press [🗑] on the main menu after login, tap [OK] on the dialog box to confirm deletion.

② Press [🔓] to Disarm the system.

③ Press [🏠] to Part Arm (Home Arm) the system.

④ Press [🔒] to Arm the system.

⑤ Press [🎤] and the Control Panel will call back, pick up and you can leave a 10s voice recording

⑥ Press [📞] and the Control Panel will call back, pick up and you can listen in to the surrounding area.

⑦ Press [🔄] to enter the account management interface from where you can input system user mobile phone numbers and their associated login names, tap [OK]. The default password of the shared account is 123456. It is recommended that you change the default password to a unique/memorable password that is shared with the user group only.

⑧ The main account can add at most 5 family accounts. Family accounts can be deleted by tapping the [➕] on the right side in the accounts list.

⑨ Tap [🔍] to check the settings of control panel.

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Pet Friendly PIR Motion Sensor

We recommend to mount the Sensor at the height of 2-2.2m from the ground. (For installation notices, please see page 16-17)

2-2.2m

Ground
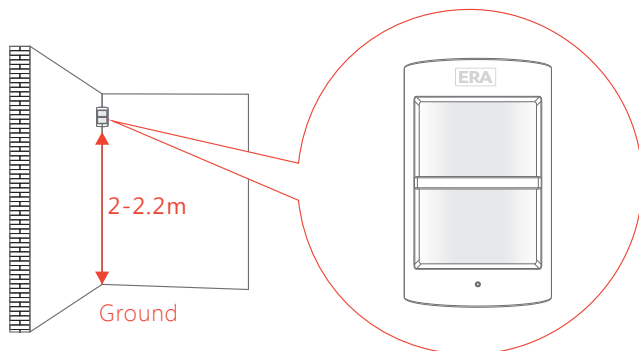
Fix the installation bracket on the wall with screws, and then fit the groove at the back of the Sensor on the bracket.
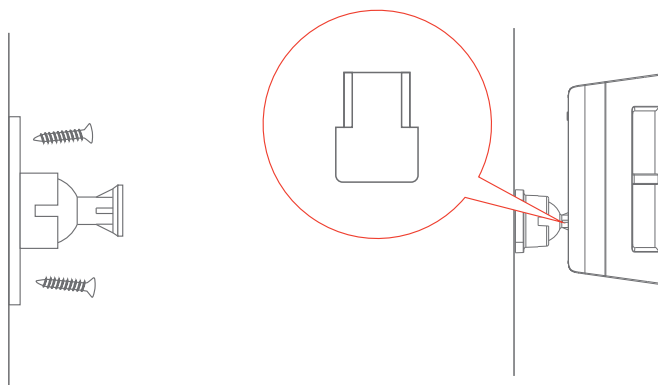
Testing

Press the test button at the back of the PIR Sensor, walk from left to right within the detection scope to check that the Sensor is working. The LED indicator light will light up when movement is detected. When in Test Mode, the Sensor will search for movement every 10 seconds. The Test Mode duration is 3 minutes.
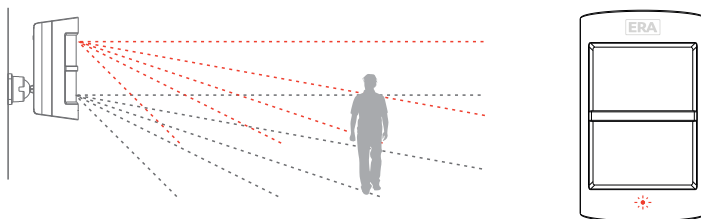
Adjusting the Detection Range

Adjusting the position of the PIR Sensor on the bracket will affect the detection range. The detection range can be adjusted to meet your individual requirements, as shown in the diagrams below.

Side view

Top view
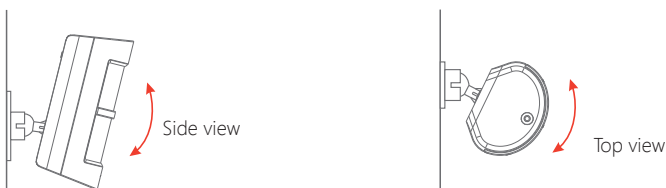
Note: If used in a pet friendly environment, for best results keep the PIR parallel to the wall, do not tilt it up or down.

Detection Scope

110° Top view

Side view

FAQ

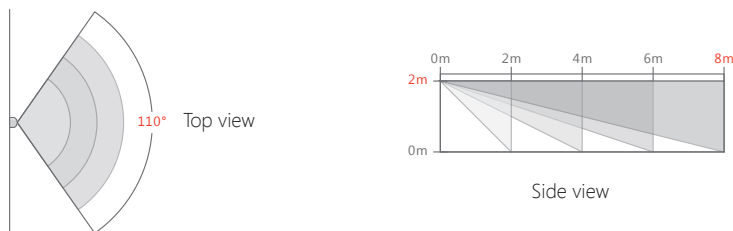| Issue	Cause	Troubleshooting
No response from Control panel operation	Power switch is off	Open battery compartment, turn on the power
	AC Power failure	Contact your retailer
	Lithium battery backup power exhausted	Connect to mains power with adapter
Accessories cannot connect to Control Panel	Control Panel not in Learn Mode	Make sure the Panel is set to Learn Mode
	Accessories not in Learn Mode	Make sure the triggered accessories are transmitting a signal to the Panel
No response from the Control Panel by operating with a Remote Control	Remote Control is not learnt to Control Panel	Follow the manual and connect the Remote Control to the Panel
	Out of range between Remote Control and Control Panel	Reduce the range between the Remote Control & the Panel
		Consider fitting a Signal Repeater
RFID Tag fails to disarm	RFID Tag not connected to the Control Panel	Follow the manual and connect RFID Tag to the Panel
Touch keyboard fail to make related setting	Not logged onto the setting menu	Input the correct admin code, press [Enter] and login to the menu setting
No response after inserting a SIM Card	The direction of the SIM card is not correct	Re-insert the SIM card again according to the user manual
	Control Panel switched on when the SIM card was inserted	Switch the Panel off, Insert the SIM Card and then switch on the Panel
	The SIM Card is not a GSM SIM Card	Please use a GSM SIM Card
APP replied" Return data run out"	Please check the network of the Control Panel and mobile phone	Make sure the network is available
APP replied "Control Panel offline"	Please check the network of the Control Panel	Make sure the SIM Card of the Panel has credit

Specifications

Control Panel

Power Supply	Input DC 12V 500mA, 6Wh
Standby Current	< 90mA
Alarm Current	< 300mA
Backup Battery	BL-5B 3.7V 800mAh rechargeable lithium battery x 2 pcs
Internal Siren Volume	95dB
Radio Frequency	433MHz
Maximum Stored Phone No.	6 alarm phone numbers and 2 CMS numbers
Maximum Remote Controls	10 pcs
Maximum Sensors	50 pcs
Maximum RFID Tags	50 pcs
Maximum Event Logs	150 events
Housing Material	ABS plastic
Operating Condition	Temperature 0°C ~+55 °C
	Relative Humidity < 80% (non-condensing)
Dimensions (L x W x H)	185 x 130 x 27mm

Wireless Remote Control

Power Supply	DC 3V (CR2025 Lithium Battery x 1pc)
Alarm Current	< 7mA
Transmitting Distance	< 80m (in open area)
Radio Frequency	433MHz
Housing Material	ABS plastic
Operating Condition	Temperature 0°C ~+ 55°C
	Relative Humidity < 80% (non-condensing)
Dimensions (L x W x H)	58 x 31 x 9.5mm

Wireless Door/Window Sensor

Power Supply	DC 3V (CR2032 Lithium Battery x 2 pc)
Static Current	< 5uA
Alarm Current	< 9mA
Transmitting Distance	< 80m (in open area)
Radio Frequency	433MHz
Housing Material	ABS plastic
Operating temperature	Temperature 0°C ~+ 55°C
	Relative Humidity < 80% (non-condensing)
Transmitter Dimensions (L x W x H)	71 x 31.5 x 15mm
Magnet Dimensions (L x W x H)	71 x 12.5 x 15mm

Pet Friendly PIR Motion Sensor

Power Supply	DC 3V (AA 1.5V LR6 Battery x 2 pcs)
Static Current	< 50uA
Alarm Current	< 9.5mA
Detection Scope	< 8m/110°
Pet Immunity	< 25kgs
Transmitting Distance	< 80m (in open area)
Radio Frequency	433MHz
Housing Material	ABS plastic
Operating Condition	Temperature 0°C ~+ 55°C
	Relative Humidity < 80% (non-condensing)
Detector Dimensions (L x W x H)	100 x 59 x 43mm
Bracket Dimensions (L x W x H)	52 x 30 x 26.5mm

RFID TAG

Internal Circuit	EM4100CMOS
Working Frequency	125KHz
Housing Material	Compound Plastic
Dimension	30 x 30 x 6mm

Available Accessories:

ERA Wireless Accessories can be added at any time and include:

Pet Friendly PIR Motion Sensor (EPIR)
Magnetic Door/Window Sensor (EMAG)
Remote Control (EREM)
WIFI HD IP Camera (IP116)
Ceiling Mounted PIR Sensor (P700)
Narrow Beam PIR Sensor (P800)
Vibration Sensor (WD80)
Smoke Detector (SMK500)
Water Detector (WI210)
RFID Keypad (KP700)
RFID Contactless Tag (TAG26)
Personal Alert Button (SOS100)
Range Extender (RT101)
Indoor Plug-in Siren (WS105)
Solar Charged Siren (ESS260B)
Replica Siren (ERS26B)
Outdoor Mains Powered Siren (WS280)

PRODUCT GUARANTEE *

We at ERA firmly believe in the quality of our goods. Our technology achieves outstanding performance and durability and we can therefore offer, in addition to your statutory rights, an additional limited guarantee. In the event of any material defects in any product manufactured by us due to faulty design, materials and/or workmanship, and which arise following correct installation and during normal use in accordance with our instructions, as included in the product packaging, within the period of two years from the date of purchase, we will either repair, provide a replacement, substitute with an equivalent product free of charge from our then current range or refund in full the amount paid for the product at point of purchase.

Conditions

In order to take advantage of our guarantee, you must comply with the following conditions:-

1. This limited guarantee is not transferable and is extended only to, and is solely for the benefit of, the original purchaser of the product. Please retain your dated sales invoice as proof of purchase and forward this to us if you wish to make a claim under this guarantee.

2. Products must be installed, used and maintained in accordance with our instructions otherwise the guarantee will be invalidated.

3. The product must not be damaged or modified in any way nor must it have been subjected to any unauthorised repairs.

Exclusions

This guarantee does not cover:-

1. Periodic maintenance, repair and replacement of parts due to fair wear and tear.

2. Abuse or misuse, including but not solely limited to the failure to use this product for its normal purposes or in accordance with ERA's instructions on usage and maintenance.

3. Failure of the product arising from incorrect installation or use not consistent with the instructions supplied and the cost of any removal or installation of products.

4. Accidents, Acts of God, lightning, water, fire, public disturbances, improper ventilation, voltage fluctuations or any cause beyond the control of ERA (Force Majeure).

5. Unauthorised modifications carried out to the product.

6. Damage caused by incorrect/improper use of supplied batteries.

7. Alteration to, deletion, removal or illegibility of the Serial Number as shown on the Product Label.

8. Consumables: any damages so caused by the use of batteries not supplied by ERA.

9. Repair or attempted repairing by bodies who are not ERA authorised repairers.

10. Neglect.

11. The loss of any stored data on your product.

This guarantee is in addition to your contractual and statutory rights and does not affect your statutory rights

To mak e a claim

Please contact Customer Support either by telephone on 0345 257 2500 or email alarms@eraeverywhere.com, with full details of your claim. If your claim satisfies our Conditions and is not subject to any of our Exclusions, we will agree with you the repair, replacement, substitution or refund of payment of goods. For product returns you will be issued with a Return Authorisation Number (RAN). Please note: Returns will not be accepted unless accompanied by a RAN.

*Terms and conditions apply.

Notes:

Notes:

Customer Helpline
0345 257 2500

www.eraeverywhere.com

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Email: alarms@eraeverywhere.com

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