User Manual of Abhedya Surksha AS-P-300
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Chapter One Introduction

1.1 System Introduction

This alarm system is a high-end GSM alarm with stable and reliable performance and applies 1.7-inch TFT color screen and touch keyboard with built-in powerful CPU master and excellent operation experience. Automatic voice prompt or SMS message notify the location and events upon alarm. Compatible with wireless PIR sensor, door sensor, smoke detector, gas detector, panic button etc. It has been widely used in home, factory, school, shop, villa and residential area to provide protection for valuable assets.

1.2 Function Introduction

■ TFT color display, humanized menu, operation with voice prompt, easy to use

■ There are 99 zones and 8 zone types optional in each zone; ON/OFF siren in each zone is available.

■ 4 sets scheduled arm/disarm/stay arm function by zone/day/time.

■ 6 groups alarm phone No., automatically dial preset phone number when power failure.

■ 10s automatic message recording with built-in artificial voice, so that user can know the alarm place and zone when receive the alarm call remotely.

■ Arm/Disarm, Monitor, Speaker, siren ON/OFF, smart socket ON/OFF remotely.

■ Wireless study 1527 series accessories, and as much as 99 detectors and remote controls.

■Telephone/SMS message long-distance control for arming, disarming, monitoring, remote announcement.

■ APP control host set and administration, and supports IOS/Android.

■ Host can call other phones directly as a common phone

■ One-way alarm linkage wireless relay, and one-way wireless strobe siren

■ Integrate high precision clock chip so that time never lost even power failure.

■ Display the latest 72 arm/disarm and 102 alarm records

■ 2 groups of CID number. Compatible with international alarm networking protocol Contact ID

■ Low-voltage indication and anti-tamper

■ Built-in rechargeable high capacity LI battery and supply power automatically when power supply failure

■ Caller ID display, power-off reminder.

■ Host applies four frequency GSM/GPRS module

Chapter Two Host Installation

Host should be installed in the central position of the guard area to receive the signals from detectors best. Keep away from large mental objects or appliances with high frequency interference, meanwhile, avoid the reinforced concrete walls and fire doors barriers etc.

Host Front View

Host Back View

■**Prompt**

TFT color display	Display"Disarm"	Host is disarming
	Display"Arm"	Host is arming
	Display"Home Arm"	Host is home arming
	Display"XX Zone is alarmings"	Host is alarming with specific defense zone
	Display"97 Zone is alarmings"	97 Zone is alarmed by tampering or moving the Host. Anti-tamper alarm.
	SIM icon is blinking	Host did not detect SIM card

Chapter Three Operation&Setting

3.1 Initial Power-on

According to the installation method, insert the SIM card to the card slot of the host panel, then connect host with power and long press [ON/OFF] button. Now then, host voice prompts " Welcome to smart voice alarm". At the same time the host starts self-testing GSM network, "GSM signal LED" flashing (flash once for 1S) when searching the GSM Signal.Until network working properly, SIM Card icon will disappear, means GSM signals and SIM card working normal. If it keep flashing means not detecting SIM card or something is wrong with SIM card.

3.2 Arm

Arm refers to a full range of on-site alarm detection alert when nobody at home; All detectors are in working state, when there is danger (theft, fire, gas leak etc) trigger the detectors, the host

alarms immediately. After arming operation, it displays and locks "ARM" icon.

Remote Control operation: press key [ARM] once.

Keyboard operation: press key [ARM] once.

3.3 Disarm

Disarm refers to host panel stops the alarm or make the alarm system in a non-alert state. After disarming, when detectors are triggered, but host doesn't alarm (except the detectors of emergency zones and the emergency button on remote control). After disarming operation, it displays and locks "Disarm" icon.

Remote Control operation: press key [Disarm].

Keyboard operation: press key [Disarm].

3.4 Home Arm

Home Arm refers to when someone at home, and for safety, the detectors in the perimeter area like doors, windows, balconies are in working state but the detectors indoor don't work in case of the false alarm if triggered by user himself, then the user chooses Home Arm to let some detectors work and other detectors not work. Home Arm function needs to be set that is the defense zones of the interior detectors should be changed to be Home Arm zones in order to work properly. After Home Arm operation, it displays and locks " Home Arm" icon.

Remote Control operation: press key [STAY].

Keyboard operation: press key [ARM] twice

3.5 Emergency Alarm

When an emergency occurs, press panic key on the remote control to enter emergency alarm state.

Note: if the host password keyboard protection function is turned on, the password needs to be input before the operation to the keyboard, and the initial password is 1234.
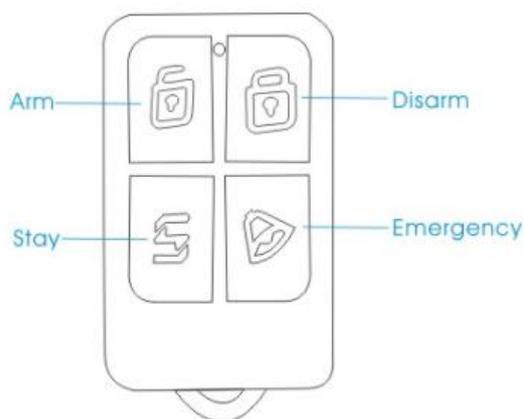
3.6 Set Phone No.

The host can maximum set 6 groups alarm No., 2 groups CID No., 3 groups Help No., 6 groups SMS message No. The maximum length of evey group phone No. is 30 digits. Please find settings as below:

3.6.1 Set Alarm Phone No.

As shown in picture 3-1, press key 【UP/DOWN】 to select 【1. Alarm Phone No.】 and press key

【OK】 or input 1, then input group number (1-6), then input phone number like 13812345678. User can set 6 groups alarm phone numbers at most. Then press key 【BACK】to return to desk page.

Delete Alarm Phone No.

As shown in picture 3-1, after entering to the settings of alarm phone numbers, press key 【Menu】 to delete the alarm phone number and press key【OK】to save, then press key【BACK】to return to desk page.

3.6.2 Set CID No.

As shown in picture 3-1, press key【UP/DOWN】to select 【2. CID No.】and press key【OK】or input 2, then input group number (1-2), then input CID number like 88889999 and press key 【OK】 to save. Then press key 【BACK】to return to desk page.

Delete CID No.

As shown in picture 3-1, after entering to the settings of CID numbers, press key【Menu】to delete all the CID No. and press key【OK】 to save, then press key【BACK】to return to desk page.

3.6.3 Set Help Phone No.

As shown in picture 3-1, press key【UP/DOWN】to select【3. Help Phone No.】and press key【OK】or input 3, then input group number (1-3), then input phone number like 13812345678 press key 【OK】 to save. User can set 3 groups alarm phone numbers at most. Then press key【BACK】to return to desk page.

Delete Help Phone No.

As shown in picture 3-1, after entering to the settings of Help Phone No., press key 【Menu】 to delete Help Phone No. and press key【OK】 to save, then press key【BACK】to return to desk page.

3.6.4 Set SMS Phone No.

As shown in picture 3-1, press key【UP/DOWN】to select 【4. SMS Phone No.】and press key【OK】or input 4, then input group number (1-6), then input phone number like 13812345678 press key 【OK】 to save. User can set 6 groups alarm phone numbers at most. Then press key 【BACK】to return to desk page.

Delete SMS Phone No.

As shown in picture 3-1, after entering to the settings of SMS Phone No., press key 【Menu】 to delete Help Phone No. and press key【OK】 to save, then press key【BACK】to return to desk page.

3.6.5 Phone Call

As shown in picture 3-1, press key 【UP/DOWN】to select 【5. Phone Call】and press key 【OK】, then input phone number like 10086. Press key【OK】 to start calling. Press key 【BACK】to hang up.

3.7 Accessories

Picture 3-2

3.7.1 Add Remote Control

As shown in picture 3-2, press key【1. Add Remote Control】. With the voice prompt "Please input numbers (01-99)" (e.g. Study No. 1 remote control, then input 01, study No. 22 remote control, input 22), then press key【OK】. At this moment, press any key on remote controller to send a signal to host. Host voice prompts "Add Successfully" with 【Add Successfully】on display, which means the remote control has been programmed to the host. If voice prompts add repeatedly, it means that the remote control has been added to the host already and couldn't be programmed repeatedly. To learn more remote controls, press any key on other remote controls. The host can study as most as 150 different remote controls.

3.7.2 Delete Remote Control

As shown in picture 3-2, press key【3. Delete Remote Control】. With the voice prompt "Please input numbers (01-99)" (e.g. delete No. 1 remote control, then input 01; delete No. 22 remote control, input 22; delete all by pressing key 【ARM】), then press key【OK】.

3.7.3 Add Detectors

As shown in picture 3-2, press key【2. Add Detectors】. With the voice prompt "Please input zone numbers (01-99)" (e.g. Study Zone No. 1 remote control, then input 01, study Zone No. 22 remote control, input 22), then press key【OK】. At this moment, trigger detectors to send a signal to host. Host voice prompts "Add Successfully" with 【Add Successfully】on display, which means detector has been programmed to the host. If voice prompts add repeatedly, it means detector has been added to the host already and couldn't be programmed repeatedly. To learn more detectors, trigger other detectors. The host can study as most as 150 different detectors.

3.7.4 Delete Detectors

As shown in picture 3-2, press key 【4. Delete Detectors】. With the voice prompt "Please input numbers (01-99)" (e.g. delete Zone No. 1 remote control, then input 01; delete Zone No. 22 remote control, input 22; delete all by pressing key 【ARM】), then press key【OK】.

3.7.5 Intelligent Accessories

As shown in picture 3-2, press key【1. Add Remote Controls】. With the voice prompt "Please input numbers:"(0 means siren, 9 means alarm relay), then press key【Arm】and host sends open signals; press key 【Disarm】and host sends close signals.

3.7.5.1 Code Match between Host & Wireless Strobe Siren

Code Match Method: In strobe siren standby mode, long press key SET until the alarm indicator lit constantly to enter learning state; Then on intelligent accessories page, input No. 0, press key 【ARM】or【DISARM】, host will send signal as shown in picture 3-2; wireless strobe siren will beep twice and indicator flashes twice after receiving the signal, which means the code match successfully, then press the SET key of strobe siren to exit the learning state.

Check the Success of Code Match: after wireless strobe siren exit learning state, press key【ARM】or【DISARM】 to switch【Wireless Strobe Siren】ON or OFF, if it's OFF, strobe siren will beep "di di"; if it's ON, siren will alarm siren, which means the host match code successfully with wireless

strobe siren.
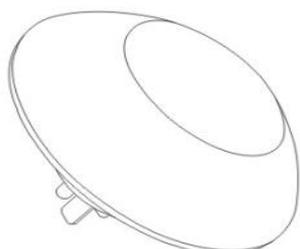
Siren J009
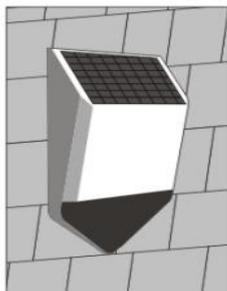
Solar Strobe Siren J1

3.7.5.2 Code Match between Host and Smart Socket

Code Match Method: In smart socket standby mode, long press key SET for 5s until the socket indicator light turns out to enter learning state; Then on intelligent accessories page, press key 【ARM】or【DISARM】 to switch smart socket ON or OFF, host will send signal ; smart socket indicator light flashes twice, which means the code match successfully, then press the SET key of smart socket to exit the learning state.

Check the Success of Code Match: after smart socket exit learning state, press key【ARM】or 【DISARM】 to switch smart socket ON or OFF, if it's OFF, smart socket lit RED; if it's ON, socket lit BLUE, which means the host match code successfully with smart socket.
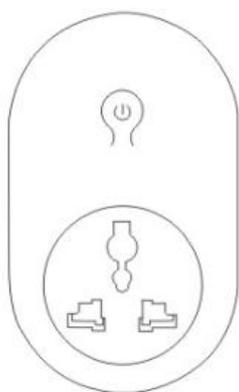
mart socket S71

3.8 System Set

On main page, press key【UP/DOWN】to move the cursor behind【System Set】, then press key 【OK】or number 3 to enter system set page, as shown in picture 3-3.

3.8.1 Delay Set

On system set page, put cursor on 【Delay Set】, and press key【OK】or number 1 to enter delay set page, as shown in picture 3-3.

3.8.1.1 Delay Arm Set

On delay set page, put cursor on【Delay Arm Time】, input the delay time(00-99s), 00 means without

delay, arming immediately, then press key【OK】to save setting, as shown in picture 3-4.

3.8.1.2 Delay Alarm Set

On delay set page, press key【DOWN】to move cursor behind【Delay Alarm Time】, input the delay period(00-99s), 00 means without delay, alarming immediately, then press key 【OK】 to save the setting.

3.8.2 Password Set

On system setting page, press key 【UP/DOWN】 to move the cursor behind 【Password Set】, then press key 【OK】 or number 2 to enter password set page, as shown in picture 3-4.

3.8.2.1 System Password

On password setting page, input four digits new passwords in System Password (original password is 1234), press key 【OK】to save.

3.8.2.2 Keypad Password

On password setting page, press key【DOWN】to move the cursor behind【Keypad Password Set】, press key【MENU】 to switch it ON or OFF and press key【OK】to save setting. If the lock function of keypad is open, host will lock when it enters into dormancy or alarm state. Unlock the keypad by inputing the password. The factory default is unlock.

3.8.3 Voice Setting

On system setting page, press key 【UP/DOWN】to move the cursor behind【Voice Setting】, then press key 【OK】 or number 3 to enter Voice Setting page, as shown in picture 3-6.

3.8.3.1 System Volume

On voice setting page, put the cursor on【System Volume】, input volume level 0-7, then press key 【OK】 to save the setting. 0 means mute during the operation to host, and 7 means the largest volume, as shown in picture 3-7. The factory default is level 5.

3.8.3.2 System Voice

On voice setting page, press key【DOWN】to move the cursor behind【System Voice】, press key 【MENU】 to switch it ON or OFF and press key 【OK】to save setting. If switch it off, there is no voice prompt only button voice during operation. The factory default is on.

3.8.4 Siren Setting

On system setting page, press key 【UP/DOWN】to move the cursor behind【Siren Setting】, then press key 【OK】 or number 4 to enter Siren Setting page, as shown in picture 3-8.

3.8.4.1 Internal Siren Volume

On siren setting page, input volume level 0-7, then press key 【OK】 to save the setting. 0 means mute, and 7 means the largest volume, as shown in picture 3-8. The factory default is level 5.

3.8.4.2 Siren Alarm Time

On siren setting page, press key【DOWN】to move the cursor behind【Siren Alarm Time】. The siren alarm time is between 0-20 minutes, then press key【OK】to save setting. 0 means mute, the factory default is 1 minute.

3.8.5 Phone Message Setting

On system setting page, press key 【UP/DOWN】 to move the cursor behind【Phone Message Setting】, then press key【OK】or number 5 to enter phone message setting page, as shown in picture 3-8.

3.8.5.1 Message Reply

On phone message setting page, press key【MENU】 to switch it ON or OFF and press key【OK】to save setting. If switch on, the host will send message to advise wheather settings are correct when users do settings by message. The factory default is on.

3.8.5.2 Alarm Output

On phone message setting page, press key 【DOWN】to move the cursor behind【Alarm Output】, press key【MENU】 to switch it ON or OFF and press key【OK】to save setting. If switch on, relay will shortcut output while the host alarming, COM and NO shortcut. The factory default is on.

3.8.6 Alarm Output

On system setting page, press key 【UP/DOWN】to move the cursor behind【Remote Control Voice Setting】, then press key【OK】or number 6 to enter setting page, as shown in picture 3-10. With the voice prompt "Please input numbers:" (No:01-99), then press key【OK】to enter next page; press key【MENU】 to switch it ON or OFF and press key【OK】to save setting, as shown in picture 3-11. If switch it on, it means the remote control will sound "didi" when using this numbered remote control to arm and disarm. The factory default is on.

3.8.7 Scheduled Arm/Disarm

On system setting page, press key【UP/DOWN】to move cursor behind【Scheduled Arm/Disarm】, then press key 【OK】 or number 7 to enter setting page, as shown in picture 3-12. With the voice prompt "Please input numbers:", enter No between 1-4; then press key【OK】to enter next page;with voice prompt input scheduled arm time, scheduled disarm time. Move cursor behind scheduled switch, press key【MENU】to switch it ON or OFF and press key【OK】to save setting, as shown in picture 3-11. If switch it on, the host will automatically arm and disarm in preset time.

3.8.8 Scheduled Arm/Disarm

On system setting page, press key【UP/DOWN】to move cursor behind【Network Center Setting】, then press key 【OK】 or number 8 to enter setting page, as shown in picture 3-14.

3.8.8.1 User Area Code

On network center setting page, input four CID code in【User Area Code】, press key【OK】to save setting. The factory default is 0000.

3.8.8.2 Arm/Disarm Upload

On network center setting page, press key【DOWN】to move cursor behind【Arm/Disarm Upload】, press key【MENU】to switch 【Not Upload】/【Arm Upload】/【Disarm Upload】/【Arm/Disarm Upload】, press key【OK】to save setting. The factory default is【Not Upload】.

3.8.8.3 Self Test Time

On network center setting page, press key【DOWN】to move cursor behind【Self Test Time】, input self test time, press key【OK】to save setting.

3.8.8.4 Self Test Week

On network center setting page, press key【DOWN】to move cursor behind【Self Test Week】, input any week no. 1234567, press key【OK】to save setting.

3.8.9 Low Battery and Anti-tamper Setting

On system setting page, press key【UP/DOWN】to move cursor behind【Low Battery and Anti-tamper Setting】, press key【OK】or number 9 to enter setting page, as shown in picture 3-15..

3.8.9.1 Back Light Power Saving

On low battery and anti-tamper setting page, on the item【Back Light Power Saving】, press key【MENU】to switch on or off and press key【OK】to save setting. If switch it on, TFT color display will close to save power. The factory default is open.

3.8.9.2 Anti-tamper Switch

On low battery and anti-tamper setting page, press key【DOWN】to move cursor behind【Anti-tamper Switch】, press key【MENU】to switch on or off and press key【OK】to save setting. If switch it off, the host will not alarm if anti-tamper switch is triggered. The factory default is open.

3.8.9.3 Illegal Arm

On low battery and anti-tamper setting page, press key【DOWN】to move cursor behind【Illegal Arm】, press key【MENU】to switch on or off and press key【OK】to save setting. If switch it on, the host cannot arm if it fails to receive the signal sent by sensor closure. The factory default is close.

3.8.9.4 Power Off Setting

On low battery and anti-tamper setting page, press key【DOWN】to move cursor behind【Power Off Setting】, input 0-5, press key【OK】to save setting. 0 means close prompt function, 1 means AC off, 2 means dialing, 3 means dialing+siren, 4 means dialing+linkage, 5 means dialing+siren+linkage, The factory default is 0.

3.8.10 Restore Factory Setting

In the system setting page, press【up/down】key to move cursor to the【Restore Factory Settings】. Then,press【OK】button or press key【0】directly to enter into the Restore Factory Setting page , as shown in Figure 3-16.

3.8.10.1 Partial Restoration

After entering into Restore Factory Setting page, press 【OK】button, the host will remind whether to restore factory settings. After restoring factory setting, the remote controls and detectors added before would not be deleted, but all the other parameters will be restored to the factory state.

3.8.10.2 Full Restoration

After entering into Restore Factory Setting page, press【2】key and then long press【OK】key until a host reboot is completed. In this situation, all the remote controls and detectors will be deleted and all the parameters will be restored to factory state, as shown in Figure 3-17.

3.9 Recording Setting

Host will play the preset recording after dialing the preset alarm number . And the recording setting method is as below:

On main menu. as shown in picture 3-18, press【UP/DOWN】key to move the cursor at【Recording】, then press key【OK】or number 4 directly to enter recording setting page, as shown in picture 3-19; On recording setting page, press key【BACK】to return to the main menu; Press any key to start recording. The recording time is 10s, as shown in picture 3-20. The recording should be brief, e.g. " This is XXX's house, it's intruded illegally, please help".

Host will exit automatically after 10s, and user can press any key to end recording during recording process.

3.10 Zone Management

On the main menu page, as shown in Figure 3-21, press [Up / Down] key to move the cursor to the zone management. Press [OK] button or press number 5 directly to enter zone management page, as should in Figure 3-22 . Then input the zone number (1-99) and press [OK] to enter the next level menu. Zone attribute setting mainly includes networking feature code setting, built-in siren on/off setting , zone type setting, dialing group when alarming and wired zones open/closed alarms, etc as shown in Figure 3-23. The setting is as follows:

3.10.1 Network Even Code

After entering next level menu, input event code in the Networking Event Code. 100 means medical aid, 110 represents fire, 121 denotes robbery, 122 denotes a noiselessly rob, 130 represents burglary, 131 denotes the perimeter burglary, 151 denotes gas leakage. Press [OK] to save.

3.10.2 Internal Siren On/off

After entering the next menu, press [Down] key to move the cursor to [Alarm alerting] .Press [Menu]

key to switch ON and OFF and then press [OK] to save. If you select Off, it indicates that host will not alert when the detectors in that Zone receives alarms.

3.10.3 Set Zone Type

After entering the next level menu, press[DOWN] key to move cursor to [Zone Type]. Press [Menu] key or press numbers directly to select: 【1】Normal, 【2】Stay, 【3】Intelligent, 【4】Emergency, 【5】Close, 【6】doorbell, 【7】Welcome, 【8】Help the Senior, then press key[OK] to save.

3.10.4 Set Sub Zone Dialing

After entering the next menu, press [Down] key to move the cursor to [Zone Dialing]. Input user number when this Zone alarms. It can be any desired phone groups among 123456, but if the zone type is for [Help the Senior], the group is fixed to help number and can't be set, then press [OK] to save.

3.11 Clock Management

On the main page, press [Up / Down] key to move the cursor to [clock management], then press the [OK] button or press number 6 to enter clock management page. Press [Menu] button to switch the display format of the date, and press [Up / Down] key to switch among year, month, date, hour,minute and second; Press numeric key to input the numbers then press [OK] to save, as shown in Figure 3-26.

3.12 Check Records

On the main page, press [Up / Down] key to move the cursor after to [Check Records], then press [OK] button or number 7 into checking records page, as shown in Figure 3-27.

3.12.1 Alarm Records

On [Check Records] page, press [OK] key to enter [Alarm Records], as shown in picture 3-28. Press key [UP/DOWN] to check alarm records. At most 102 records can be saved, and each record includes information like record number, alarm date, time, zones etc.

3.12.2 Arm/Disarm Records

On [Check Records] page, press [UP/DOWN] key to move the cursor to [Arm/Disarm Records] and press [OK] or number 2 to enter [Arm/Disarm Records] page, as shown in picture 3-29. Pres[UP/DOWN]to check Arm/Disarm records. As most 72 records can be saved, and each record includes information like record number, Arm/Disarm date, time and mode, etc.

3.13 Check Product Version

On main menu page, as shown in Figure 3-30, press [UP/DOWN] to move the cursor to [Check Product Version] and then press [OK] or number 8 directly to enter to the version checking page. Users can see the model number of the product, software version and GSM module IMEI code, as shown in Figure 3-31.

Chapter Four: SMS Setting and Command Chart

In addition to set parameter through host menu, SMS or Fetion Message can also set host parameters. The form is as below: 【System Password】+【Command Number】+ parameter 1+parameter 2+parameter 3+parameter 4. All commands begins with system password, and 1234 is system's initial password. Users can change system password and since then, users should use the modified password, or host will not response to the commands.

NO.	Name	Command No.	Parameter1	Para. 2	Para. 3	Para. 4	Example
1	Disarm	0				#	12340# Disarm
2	Arm	1				#	12341# Arm
3	STAY	2					12342# STAY
4	Ganged Socket ON	3					12344# Ganged Socket ON
5	Ganged Socket OFF	4					12345# Ganged Socket OFF
6	Check host general parameters	11				#	123411# Check host voice volume, Siren's state,etc
7	Set phone No.	3	1~9 Group 1-6 is common number; 7-9 is the senior help number	13899998888 (User can set 30 as the number)		#	12343113899998888# Set first group phone number
8	Delete Phone No.	3	1~9			#	123435# Delete 5th Phone No.
9	Check phone No.	30	01~09, 1-9 group			#	12343008# Check 8th Phone Number

10	Set SMS number and central number	4	1~8; Group 1~6 is SMS number; 7~8 is central number	13899998888 (User can set 30 as the number)		#	12344113899998888# Set first group phone number
11	Delete Phone No.	4	1~8			#	1234435# Delete 5th Phone No.
12	Check phone No.	40	01~08, 1-8 group			#	123443008# Check 8th Phone Number
13	Set system password	50	Four any figure among 0-9			#	1234509876# Set user password as 9876
14	Delay Arm period setting	51	00-99			#	12345130# Set Delay Arm Period as 30s
15	Delay Alarm Period setting	52	00-99			#	12345230# Set Delay Alarm Period as 30s
16	Set Alarm Siren Period	53	00-20 Minutes				12345305# Set Alarm Siren Period as 5 Minutes
17	Date /Time setting	56	20150520	203000		#	12345620150520203000# Set time as 2015//20/20:30:00
18	Check system time	56				#	123456# Check system time
19	Arm/Disarm at fixed time	57	01-04; 01-04 group fixed time			#	123457010800180012345# Set the first fixed time, Arm automatically at 8:00 form Monday to Friday，disarm at 18:00
20	Check Arm/Disarm at fixed time	57	01-04; 01-04 group fixed time			#	12345701# Check the first group of time for Arm/Disarm
21	Set Zone Attributes	60	01~99; 01-99 Zone	1-Normal Zone 2-STAY Zone	1-Siren on when alarmi	#	1234601880# Set zone 18 as Help the Senior Zone, Siren doesn't alert when alarming.

				3-Intelligent Zone 4-Emergency Zone 5-Close Zone 6-Doorbell Zone 7-Welcome Zone 8-Help The Senior Zone	ng 2-Siren off when alarming		
22	Check Zone Attributes	60	01~99; 01-99 Zone				12346001# Check 01 Zone Attribute
23	Set Network Feature Code	64	01~99; 01-99 Zone	100-Medical treatment 110-Fire 121—Robbery 122-Silence Rob 130-Burglar 131-Surrounding 151-Gas		#	12346438151# Set Zone 38 as Gas zone
24	Set system volume	79	1~7			#	1234793# Set Alarm Volume Level as 3
25	Set Zone Alarm SMS Message Content	80	01-99; 1-99 Zone	ABCEFG; SMS Contents（less than 25 characters）		#	12348060 Front door is open# Set Zone 60 Alarm Message Content as "Front door is open"
26	Check Zone Alarm SMS Message Content	81	01-99; 1-99 Zone			#	12348160# Check Zone 60 Alarm Message Content
27	Set LCD powering saving	84	0—ON 1—OFF			#	1234840# Set LCD always ON

	ON/OFF					
28	Set Built-in Siren volume	87	0~7		#	1234873# Set Built-in Siren volume as 3
29	Set Arm/Disarm Upload Center	91	0-No upload 1-Arm upload 2-Disarm upload 3-Arm and Disarm upload		#	1234911# Set Arm Upload
30	Set Network CID Number	92	0~9 any four digital CID Number		#	1234929988# Set CID No. as 9988
31	Set Network Self-test time	94	0800; Time	1234567 Week	#	12349401007# Set self-test with the center at 01:00 on every Sunday.
32	Restore Factory Reset	9898			#	12349898#

Notice："1234" in above chart indicates system password. User should use the new password is the user has change the password.

Chapter Five APP

The host can be controlled remotely by mobile APP. For iOS system, during operation it will jump to the SMS interface. Android system mobile phone will not jump to the SMS interface, but will complete texting in the backstage.

5.1 App Downloading

mobile phone users of iOS system should enter App Store, enter "G18" or sweep the next two-dimensional bar code in Figure 5-1, then the user can search APP of G18 alarm system. Download and install the APP.

Android mobile phone users can enter Baidu Mobile Phone Assistant software, enter "G18", or sweep the following two-dimensional code in figure 5-2, you can search G18 alarm system APP. Download and install the APP.

5.2   Add Host Account

This step can bind the control panels to APP. One G18 APP can add multiple control panel. You can operate several control panels through one APP.

The method to add host account: Click G18 APP, enter [User Log in] interface. Click button 【⊕】

to enter user registration interface; Then enter the user name, host number and account password, and click [Finish] button to complete the registration. The host number entered is the SIM card number within the host. Account name can be customized. Account password is system password.

5.3 Operation Method

Once register host account, it will display account name in the home Page. Click account name to enter operation interface; Slide to the left to enter setting interface and other interfaces. For, iOS system, click   icon for sending information, APP will jump to SMS message interface. Click [Send]. When the SIM card of alarm host receives text message, the panel will make a sound like"di" and reply message to the phone automatically. The setting is successful.

Take setting alarm phone number as example:
Click account name and enter the user interface. Then slide to the left to enter into the setting interface. Click [Set Phone Number] and select [Alarm Phone Number] to enter the alarm phone number setting page . The interface can set 6 groups of alarm telephone numbers (1-6 group), and three groups of the elderly help calls (7-9 group). Click [Enter Alarm Number]or 【⚙】 icon , input alarm number at pop-up input field to set. Click [OK] to send text messages to host SIM card. Click

【🔍】 icon, you can query alarm telephone numbers; click 【🗑】 icon to delete alarm phone numbers.

Chapter Six Receiving Alarms and Remote Control

6.1 Handing method after receiving alarm:

When there is an alarm, the host will automatically dial the telephone number set before and alerting according to the setting. If the phone line of the owner is busy or can not be connected, the system will dial the next pre-set number automatically. The system will dial the preset phone number three times. After receiving the alarm call, it will play the preset recording . The user doesn't need to enter a password. The following is the corresponding operation when pressing the figures on phone:

Key [1]: Arming   Key[2]: Disarming
Key [3]: Monitoring On   Key[4]: Monitoring Off
Key [5]: Speaker On   Key[6]: Speaker Off
Key [7]: Siren On   Key[8]: Siren Off
Key [9]: Ganged Socket On   Key[10]: Ganged Socket Off
Key [*]: Exit and hang up. The system would not dial next phone number.

Note: both monitoring and speaking time are 20 seconds. Press [3] key to continue monitoring. Press [5] to continue speaking within 20s.

6.2 Remote control operation method

User can use any phone to call the phone number of the phone card on the host. After a ringing cycle the host will automatically get through. After hearing prompt , enter password(host factory default is "1234", there would be a prompt when imputing the wrong password. The system will automatically hang up if the third time is still incorrect). You will hear a prompt when password is correct. Then, press following keys to control the corresponding functions:

Key [1]: Arming   Key[2]: Disarming
Key [3]: Monitoring On   Key[4]: Monitoring Off
Key [5]: Speaker On   Key[6]: Speaker Off
Key [7]: Siren On   Key[8]: Siren Off
Key [9]: Ganged Socket On   Key[10]: Ganged Socket Off
Key [*]: Exit and hang up. The system would not dial next phone number.

Note: both monitoring and speaking time are 20 seconds. Press [3] key to continue monitoring. Press [5] to continue speaking within 20s.

Chapter Seven Technical Parameters

7.1 Technical Parameters
Input Voltage: USB5V
Standby Current：＜60mA

Alarm Current：＜300mA

Wireless Frequency：433MHz

GSM Standard：Support GSM850/900/1800/1900MHz

Backup Battery: 3.7V 800mA Lithium Battery

Standby hours: 8h

Alarm Loudness：80dB

Wireless distance: 100 meters(in open area)

7.2 Factory default zone type

Normal Zone	STAY Zone	Intelligent Zone	Help the Senior Zone	Doorbell Zone	Welcome Zone	Emergency Zone
01-59 Zone	60-79 Zone	80-89 Zone	90 Zone	91 Zone	92 Zone	93-99 Zone

7.3 System factory default

System Password	1234		SMS Message	ON
Remote control	ON		Remote Alarm	ON
Alerting time	1 Minute		Delay Alarm	0 Seconds
Delay Arm	0 Seconds		1-99 Zone Alarm	Alarm Alerting
1-99 Zone Alarm Message	XX Zone Alarm			

Chapter Eight Install Detectors

8.1 Installation and Usage of Door Sensor

Door sensor is used for sensing the closing and opening state of the door, and is consisted of transmitter and magnet two parts. It can be installed on doors, windows or any object that can be closed and opened. When transmitter is separated from the magnet, door senser will send alarm signal to alarm panel, host will alarm.

The door contact should be installed on the movable door or windows. Firstly, make the installation position clean. Take out wireless door sensor, then stick the double faced adhesive tape on the bottom. The installation should note the following items:

1.The door sensor part A (transmitter) and part B (magnet) should be installed separately, that is, A on fixed door and B on movable door.

2. A and B should be in the same vertical line and the distance between A and B should not be greater than 1 cm.

3. After the installation, the indicator light flashes for 1s as the door open, that means the door sensor is installed successfully.

4.The indicator lighting for 1 second means alarm. The indicator in constant light is a suggestion of low power.

5.A, B can also be reinforced by screws, (A: remove the bottom cover, strengthen the screw and then cover the bottom agian; B can be directly fixed by the screw.)

8.2 Installation and Use of PIR Motion Detector

Before use, make sure the power switch of PIR motion sensors is ON. Installation height is about 2.2 meters above ground and it should be installed in the corner of the room to get the best detection range. At the same time, it should form a certain angle with the walking line (90 degree angle is best for detection).

Installation:
Talk out the supplied bracket, insert the bracket to the slot. Take out the pedestal and fix it with two screws on the wall. Press the PIR with bracket into the center hole of the pedestal. And then adjust the best angle of detector. (This method is suitable for project installation)
Attention:
1.The detector should not face the outside of window directly.
2. There should be no any big objects for obstruction within coverage of detection, .
3. There should be no two infrared detectors in the same space as they will possibly intervene with each other.
4.Avoid facing window, cooling or warming machine, stoves, or other appliances that cause temperature changing sharply, which may cause false alarm.
5. Infrared detector should be used indoor only.

Chapter Nine   Troubleshooting

Troubleshooting	Reasons	Methods
1,No dialing for alarm	1. Not arming 2. alarm phone unset 3.parts improperly installed, distance too far 4. code not match	1. do arming operation 2.re-set according to the instruction book 3. adjust the location of parts 4. re-coding
2, Can't remote operate	1、input wrong password	1、Correct password or change to a new password
3, Host can't read SIM card or don't dial and text to preset alarm phone number	1、 No SIM card 2、 PIN code is set for SIM card 3、 bad GSM signal 4、SIM card has scratched copper 5、 Alarm phone number unset 6、 Message Alarm number unset 7、 Card balance is insufficient or out of date 8、 Message function is OFF	1、 Insert SIM card 2、 Cancel PIN code 3 、 change to a strong signal place 4 、 change to a normal SIM card 5、 set alarm phone number 6、 set message alarm number 7、 charge SIM card 8 、 activate the message function

4, remote controller not work	1. coding unmatched with the host 2. insufficient power 3. battery pieces poor contact or corroded 4. unmatched with host	1. re-coding 2. change battery of the same type 3. eliminating the dirt on the pieces caused by corrosion 4. contact the local dealer to change the matched remote controller
5, remote controller not work	1. coding unmatched with the host 2. insufficient power 3. battery pieces poor contact or corroded 4. unmatched with host	1. re-coding 2. change battery of the same type 3. eliminating the dirt on the pieces caused by corrosion 4. contact the local dealer to change the matched remote controller
6, PIR sensor not work	1. coding unmatched with the host 2. insufficient power 3. battery pieces poor contact or corroded 4. unmatched with host	1. re-coding 2. change battery of the same type 3. eliminating the dirt on the pieces caused by corrosion 4. contact the local dealer to change the matched remote controller
7, The transmitter distance for host is shortened	1.a nearby emitter is sending signal 2. The host receiver stops work 3. Power supply of standby battery of the host is insufficient	1.find the interfering source and eliminate it 2.send the host back to the factory for repairing 3.check whether the power supply is plugged well