BOGP-3 2G/4G

Cellular & GPRS Alarm System

User Manual

Dec-8-2020

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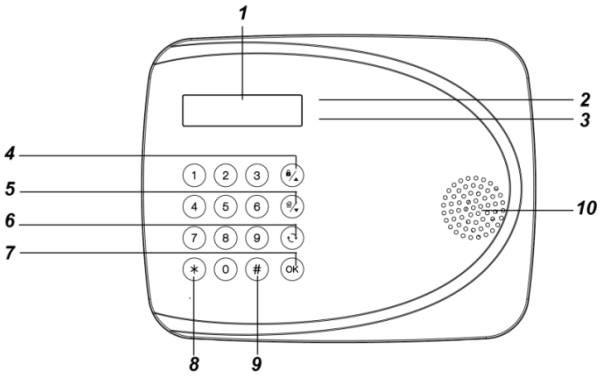
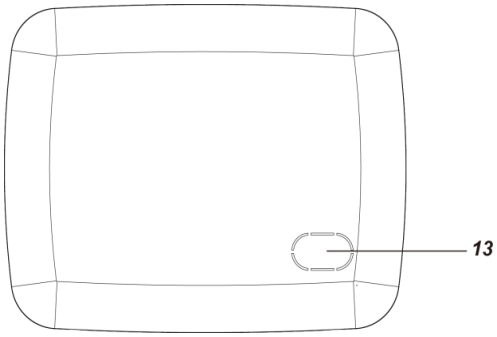
1. Application Overview

1.1. Parts Identification

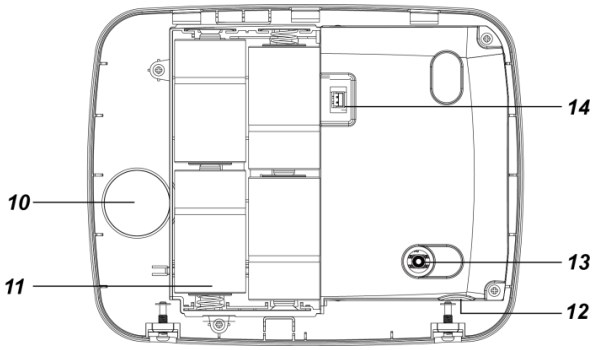
Front View



Back View (With Back Cover)



Back View (Without Back Cover)



1. **LED Indicator (Green)**

   This LED is light on when any key is pressed to wake up the panel.

2. **Fault Indicator (Orange)**

   When the panel is awake, this LED is light on if there is at least one fault in the system.

4. **Key:** Use this key to move the cursor and scroll the display upwards

   Arm Key: Use this key to Away Arm the system.

5. **Key:** Use this key to move the cursor and scroll the display downwards.

   Home Arm Key: Use this key to Home Arm the system.

6. **Key:** Use this key to abort current screen and return to previous screen.

7. **OK Key:** Use this key to confirm an action or entered data.

   Disarm Key: Use this key to Disarm the system.

8. **✱ Key:** Press and hold for 3 seconds to enter Installer Menu

9. **# Key:** Press and hold for 3 seconds to enter Programming Menu.

10. **Buzzer**

11. **Battery Compartment**

12. **SIM Card Slot**

13. **Tamper Switch**

14. **Programming Port**

1.2. Introduction

BOGP-3 is a battery-operated cellular & GPRS alarm system. The LCD display and rubber keypad are convenient for programming and operation.

This manual covers the installation, programming, and control of the BOGP-3 control panel.

- BOGP-3 2G**:** battery-operated cellular & GPRS alarm system with 2G reporting.
- BOGP-3 4G**:** battery-operated cellular & GPRS alarm system with 4G reporting.

Remote programming of the panel is achieved by registering the panel in our **Home Portal Server**. With **Home Portal Server**, you can connect to your panel either with a computer or a smartphone using our Vesta Home application. Please refer to our Home Portal User Guide for detail about registering and using **Home Portal Server**.

- **SIM card:**

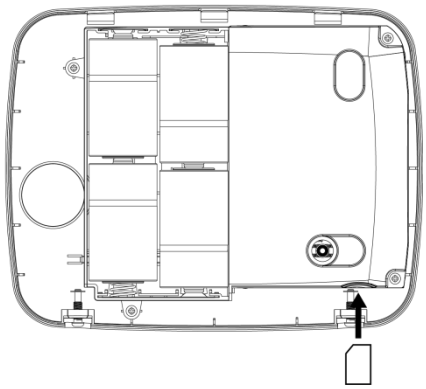
The Control Panel features built-in 2G/4G communication facility to report to the Monitoring Station. To use the 2G/4G function, a SIM card is required.

<NOTE>

☞ Please disable the SIM card PIN code before inserting into the Control Panel.

☞ Please make sure to insert a SIM Card with data plan.

- Loosen the 2 bottom screws and then remove the back cover.
- Locate the SIM Card Slot and insert your new SIM card.



- Secure the back cover by fixing screws.

1.3. The Power Supply

BOGP-3 Control Panel features completely wire-free operation that can use 4 Alkaline D batteries as power supply.

1.4. System Deployment

The Control Panel is designed to be wall mounted, follow guidelines below when planning installation location:

- The Control Panel should be installed at a location that is hidden from outside view.
- You can use the Control Panel's built-in Keypad for entry control. In this case, install the Control Panel close to your main entrance.
- The Control Panel should be protected by sensors so that no intruder can reach the Control Panel without first activating sensor.

1.5. How to Install the Control Panel

The easiest way to get to know the system and get it up and running quickly is to get all the devices and accessories programmed on a tabletop before locating and mounting them.

Step 1. Loosen the screw at bottom of the panel (**Figure 1**).

Step 2. Break through the 4 knockouts on the back cover for installation. (**Figure 2**)

Step 3. Use the knockouts as templates to mark locations on the wall for wall mounting, insert wall plugs on marked location if fixing into plaster or brick. Screw the back cover onto the wall. (**Figure 3)**

Step 4. Hook the panel on the back cover from the top, and then secure the bottom fixing screws.

Figure 1

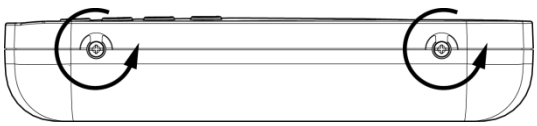


Figure 2

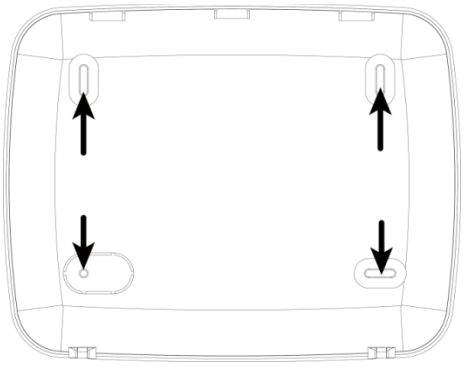
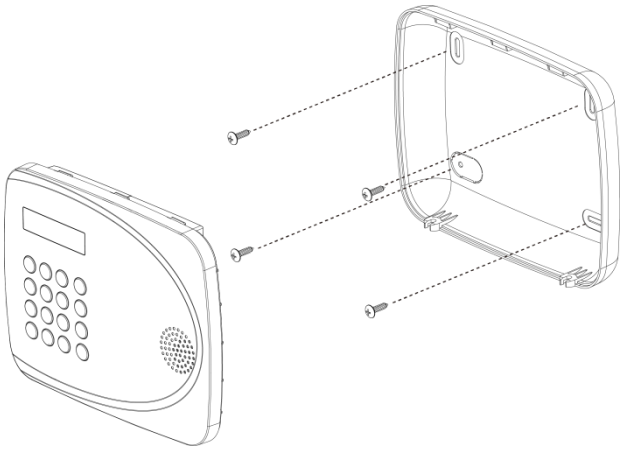


Figure 3



1.6. Multi-User Passwords

In order to provide maximum security when operating the system, the Control Panel offers different levels of authorization for various situations.

User PIN Code

- The User Codes are used for users to access the alarm system for basic alarm system function. A total of 10 4-digit User Codes can be stored in the Control Panel. Each individual User can be given a name for easy recognition when viewing system events. User Names can be named when first setting them or by editing them afterwards when resetting them.
- User PIN code #1 is activated with "**1234**" as factory default and cannot be deleted.
- User PIN code #2~#10 are deactivated by factory default
- Whenever panel asks to key in **Enter Code** or, please enter your User PIN Code.

Master Code

- The Master Code has the authorization to enter Programming Mode for advanced system setting. When the display panel asks you to key in **M-Code**, please enter your Master Code.
- Factory default: **1111**

Installer Code

- The Installer Code is for installer to program system configurations under installer menu, such as Tel. Number, Account Number.
- When the display panel asks for **I-Code**, please enter your Installer Code.
- Factory default: **7982**

Guard Code

- The Guard Code has the same level of authorization as the PIN Code. It is designed for security personnel to access the alarm system.

Temporary Code

- The Temporary Code is designed for the use of occasional visitors. It has the same authorization level as the User PIN Code, but will be removed after one arming and disarming action.

Duress Code

- The Duress Code is specially designed for situation when the user is under personal threat. It has the same level of authorization as User PIN Code, however when a Duress Code is entered, the Control Panel will send a silent alarm report to notify that the user is being threatened or held against his will.

1.7. System Basic Operation

- When idle, the Control Panel is in stand-by mode. It will wake up when any key is pressed. After 5 seconds of inactivity, the Panel will automatically enter standby-by mode.
- While entering PIN code, if incorrect codes have been entered for 5 times within 10 minutes, the keypad input will be prohibited for 15 minutes.
- When entering information for system configuration, press ↺ key to to leave current screen, no information will be saved.
- When under user/programming/installer menu, if no keys are pressed within 2 minutes. the Control Panel will automatically exit the menu and return to disarm mode.
- If the Control Panel lost power supply. When the power is restored, it will resume its previoius mode.
- When programming settings, refer to the following tables to enter symbols and alphabets, press the key repeatedly until the desired symbol/alphabet appears.

1	1 ， ！ ？ － 【 】 @ /
2	2 A B C a b c
3	3 D E F d e f
4	4 G H I g h i
5	5 J K L j k l
6	6 M N O m n o
7	7 P Q R S p q r s
8	8 T U V t u v
9	9 W X Y Z w x y z
0	0 <space> / － ＆ ’ . ＋ ：
↺	Delete character and backspace

2. System Configuration

In order to configure the Control Panel setting, you need to enter the Installer Menu. To enter the Installer Menu:

Step 1. Press and hold the ✱ key on the numeric keypad for 3 seconds.

You will be prompted a PIN code. Enter the PIN Code (default user 1 PIN code: **1234**)

			E	n	t	e	r		C	o	d	e		
						.	.	.	.					

Step 2. The following is displayed and you are prompted to enter the Installer code (default **7982**).

		E	n	t	e	r		I	-	C	o	d	e	
						.	.	.	.					

Step 3. You will enter the Installer Menu.

	W	a	l	k		T	e	s	t					
	I	n	s	t	a	l	l		C	o	d	e		
	R	p	t	.	S	e	t	t	i	n	g			
	T	e	s	t		R	e	p	o	r	t			
	T	e	s	t		S	i	r	e	n				
	G	S	M		S	e	t	t	i	n	g			
	P	a	n	e	l		S	e	t	t	i	n	g	
	G	e	n	.	S	e	t	t	i	n	g			
	D	e	v	i	c	e		+	/	-				
	N	e	t	w	o	r	k		S	e	t	.		
	H	o	m	e		A	u	t	o	.				

2.1. Walk Test

The Walk Test function allows you to test learned in devices. (Please refer to **2.7 Device +/-** for device learning detail)

Step 1. Select **Walk Test** and press **OK** to confirm. You will enter Walk Test mode..

✱			W	a	l	k		T	e	s	t			✱

Step 2. Press the learn/test button on your device to transmit a test code (please refer to device manual for detail). If the Control Panel receives the test code, it will display the device information accordingly. A signal strength RSSI number will also be displayed on the top right corner of the LCD screen. The RSSI scale is 0-9, the greater the number, the better the signal strength.

2.2. Install Code

This function is for you to edit the Installer code

Step 1. Select **Install Code** and press **OK** to confirm.

	E	n	t	e	r		n	e	w		c	o	d	e	

Step 2. Enter the new 4-digit Installer code and press **OK** to confirm..

2.3. Report Setting

The Report Setting function allows you to configure your report destinations. 8 reporting detinations are available for configuration.

Step 1. Select **Rptn. Setting** and press **OK** to confirm.

	1	)												
	2	)												
	.	.												
	8	)												

Step 2. Select the reporting number you want to program and press **OK** to confirm.

Step 3. Select the report type

	S	M	S	(	C	I	D	)						
	S	M	S	(	T	E	X	T	)					
	I	P	(	S	I	A	)							
	I	P	(	C	I	D	)							
	M	a	i	l										
	I	P	(	M	A	N	I	T	O	U	)			
	I	P	(	M	A	N	I	T	O	U	+	T	L	S	)
	D	e	l	e	t	e								

- ☞ **SMS(CID):** SMS reporting in CID event code format.
- ☞ **SMS(Text):** SMS reporting in text message format.
- ☞ **IP(SIA):** IP/GPRS reporting in SIA format.
- ☞ **IP(CID):** IP/GPRS reporting in CID format.
- ☞ **Mail:** Email reporting.
- ☞ **IP(MANITOU):** IP/GPRS reporting in MANITOU format.
- ☞ **IP(MANITOU+TLS):** IP/GPRS reporting in MANITOU format. (TLS encrypted).
- ☞ **Delete:** Choose “Delete” to remove existing report setting.

Step 4. For SMS(CID)/IP(CID)/IP(SIA)/ IP(MANITOU)/ IP(MANITOU+TLS)

setting, you will be asked to enter an account number.

Step 5. Enter the IP address for IP reporting, telephone/mobile number for SMS reporting, or email address for email reporting

Step 6. For IP reporting, enter the port number.

Step 7. Select a group for the report destination.

☞ The reporting priority is based on to group number sequence. From Group 1 → Group →Group 2 → Group 3 →….etc

☞ When more than one reporting destinations are assigned to a group, if a report is sent to one of the detinations successfully, the system will stop reporting to the rest of the reporting destination in the same group and move on to report to the next group.

If the Control Panel fails to send report to the first detination in a group, it will move on to the next reporting destination. If reporting to all destinations in the group fails, the Control Panel will retry the report group for 2 times before moving on to the next group.

If the Control Panel fails to report to all reporting groups, it will NOT restart reporting from Group 1 until at least one groups successfully receives the report.

Step 8. Select the event type to be reported to this report destination.

☞ **All:** All events will be reported.

☞ **Status:** Only status events will be reported.

☞ **Alarm:** Only alarm events will be reported.

2.4. Test Report

This function is for you to test the reporting destination you entered.

Step 1. Select **Test Report** and press **OK** to confirm.

Step 2. The Control Panel will send a test report to the first reporting destination.

2.5. Test Siren

Use the function to test both Control Panel's built-in siren and any external siren/bellbox learnt into the Control Panel function

Step 1. Select **Test Siren** and press **OK** to confirm.

		O	K		t	o		S	t	a	r	t		
	W	a	r	n	i	n	g	:	L	o	u	d	!	

Step 2. Press **OK** to confirm. both Control Panel's built-in siren and any external siren/bellbox learnt in the panel will be activated.

P	r	e	s	s		O	K		t	o		S	t	o	p

Step 3. Press **OK** again to stop the siren.

2.6. GSM Setting

The GSM function allows you to program GRPS network.

Step 1. Select **GSM Setting** and press **OK** to confirm.

		G	P	R	S		S	e	t	t	i	n	g	
		G	S	M		S	i	g	n	a	l			
		G	S	M		R	e	s	e	t				

- **GPRS Setting**

In order to use GPRS to serve as a back-up IP Reporting method, this section will need to be programmed before reporting.

Step 1. Select **GPRS Setting** and press **OK** to confirm.

		A	P	N										
		U	s	e	r									
		P	a	s	s	W	o	r	d					

Step 2. Select **APN** and press **OK** to confirm.

				A	P	N		E	d	i	t			
i	n	t	e	r	n	e	t							

Step 3. Enter your APN(Access Point Name) and press **OK** to confirm. Inquire your service provider for information if needed.

Step 4. Select **User** and press **OK** to confirm.

			U	s	e	r		N	a	m	e			

Step 5. Enter your log in user name and press **OK** to confirm. Inquire your service

provider for information if needed.

Step 6. Select **Password** and press **OK** to confirm.

				P	a	s	s	w	o	r	d				

Step 7. Enter your log in password and press **OK** to confirm. Inquire your service provider for information if needed.

- **GSM Signal**

GSM Signal function displays your current GSM strength in RSSI value,

Step 1. Select **GSM Signal** and press **OK** to confirm.

			G	S	M		S	i	g	n	a	l			
				R	S	S	I		=		9				

Step 2. The screen will display GSM strength in RSSI value from 1 to 9.

- **GSM Reset**

This is for you to reset your GSM module.

Step 1. Select **GSM Reset** and press **OK** to confirm.

	A	r	e		y	o	u		s	u	r	e	?		

Step 2. The screen will ask you to confirm the action, press **OK** to reset GSM.

Step 3. The GSM module will be reset.

2.7. Panel Setting

The Panel Setting menu allows you to program Control Panel configurations.

Step 1. Select **Panel Setting** and press **OK** to confirm.

	K	e	y	w	o	r	d								
	P	-	w	o	r	d									
	J	a	m	m	i	n	g		r	e	p	o	r	t	
	A	u	t	o		C	h	e	c	k	-	i	n		
	H	i	g	h		T	e	m	p		R	p	t	.	
	L	o	w		T	e	m	p		R	p	t	.		
	Q	u	i	c	k		K	e	y						
	D	a	t	e		&		T	i	m	e				
	L	a	n	g	u	a	g	e							
	S	y	s	t	e	m		R	e	s	e	t			

- **Keyword**

The Keyword is used for receiving SMS commands from users. When a user sends a SMS command to the Control Panel, the correct keyword must be entered along with a valid User PIN code for the Control Panel to recognize the command. The Keyword is disabled by default.

Step 1. Select **Keyword** and press **OK** to confirm.

				K	e	y	w	o	r	d					

Step 2. The screen will display current Keyword. Enter the new keyword if you want to edit keyword, press **OK** to confirm the change.

- **P-word**

The P-word is also used for receiving SMS commands from Installers. When an installer sends a SMS command to the Control Panel, the correct P-word must be entered along with the Installer code for the Control Panel to recognize the command. The P-word is "**PROG**" by default.

Step 1. Select **P-word** and press **OK** to confirm.

					P	-	W	o	r	d					
P	R	O	G												

Step 2. The screen will display current P-word. Enter the new keyword if you want to edit keyword, press **OK** to confirm.

- **Jamming Report**

This is for you to set whether the Control Panel to report a detected radio frequency interference. When set to On, the Control Panel will report the event whenever jamming is detected. Factory default is turned **Off**.

Step 1. Select **Jamming report** and press **OK** to confirm.

	O	f	f												
	O	n													

Step 2. Select to turn on/off the Jamming report function and press **OK** to confirm.

- **Auto Check-in**

This is for you to set the interval time the Control Panel waits before making a regular check-in report to the programmed reporting destination. Factory Default is set to **6 hours**.

Step 1. Select **Auto check-in** and press **OK** to confirm.

		D	i	s	a	b	l	e							
		5		m	i	n									
		1	0		m	i	n								
		3	0		m	i	n								
		6	0		m	i	n								

		3		h	o	u	r							
		6		h	o	u	r							

Step 2. The screen will display current Auto check-in setting. To change the setting, select a new option and press **OK** to confirm.

- **High Temperature Alarm**

This is for you to set the High Temperature reporting threshold. If the Control Panel has learnt in a Temperature Sensor, it will make High Temperature report and raise alarm when the temperature exceeds the threshold. When the temperature drops 1℃ below set value again, the Control Panel will send a High Temperature Restore report. Factory default is set to **Disable**.

Step 1. Select **High Temp Rpt.** and press **OK** to confirm.

	D	i	s	a	b	l	e							
	-	1	0		°	C								
	-	9	°	C										
	.	.	.											
	.	.	.											
	5	0		°	C									

Step 2. The screen will display current High Temperature alarm setting. To change the setting, select a new option and press **OK** to confirm.

- **Low Temperature Alarm**

This is for you to set the Low Temperature reporting threshold. If the Control Panel has learnt in a Temperature Sensor, it will make Low Temperature report and raise alarm when the temperature drops 1℃ below the threshold. When the temperature rises above set value again, the Control Panel will a send Low Temperature Restore report. Factory default is set to **Disable**.

Step 1. Select **Low Temp Rpt.** and press **OK**.

	D	i	s	a	b	l	e							
	-	1	0		°	C								
	-	9	°	C										
	.	.	.											
	5	0		°	C									

Step 2. The screen will display current Low Temperature alarm setting. To change the setting, select a new option and press **OK** to confirm.

- **Quick Key**

This is for you to set whether to turn on/off the Quick Key arming feature with the panel's keypad. When turned on, you can arm the control panel with a simple press of Away Arm key (1 second) or Home Arm key (2 seconds) on the keypad without entering User PIN Code. If turned off, you can only arm the panel by entering User Pin Code first followed by one press of the Away Arm key or Home Arm Key. For detail information about Quick Key arming, please refer to **4.3. Away Arm Mode** and **4.4. Home Arm Mode**..

Factory default is set to **On**.

Step 1. Select **Quick Key** and press **OK** to confirm.

	O	f	f											
	O	n												

Step 2. Select to turn on or off the function and press **OK** to confirm.

- **Date & Time**

This is for you to set time zone, date and time.

Step 1. Select **Date & Time** and press **OK** to confirm.

	T	i	m	e		Z	o	n	e					
	D	a	t	e		&		T	i	m	e			

Step 2. The screen will display current time zone and date/time setting. To change the time zone, select **Time Zone** and press **OK**.

	U	T	C											
	L	o	s		A	n	g	e	l	e	s			
	D	e	n	v	e	r								
	C	h	i	c	a	g	o							
	N	e	w		Y	o	r	k						
	M	o	n	c	t	o	n							
	L	o	n	d	o	n								
	P	a	r	i	s									
	F	i	n	l	a	n	d							
	M	o	s	c	o	w								
	T	a	i	p	e	i								
	T	o	k	y	o									
	S	y	d	n	e	y								
	A	u	c	k	l	a	n	d						
	A	d	e	l	a	i	d	e						
	B	r	i	s	b	a	n	e						
	D	a	r	w	i	n								
	B	a	n	g	k	o	k							
	B	u	e	n	o	s		A	i	r	e	s		
	C	h	i	l	e									
	D	u	b	a	i									
	S	o	u	t	h		A	f	r	i	c	a		
	T	u	r	k	e	y								

	E	u	c	l	a									
	L	o	r	d		H	o	w	e					

Step 3. The screen will display current time zone setting, To change the setting, select a new option and press **OK** to confirm.

Step 4. Select **Date & Time** to edit Control Panel date and time.

		D	a	t	e		&		T	i	m	e		
2	0	1	3	/	0	3	/	2	2	/	0	9	:	1	1

Step 5. The current date and time will be displayed, you will begin by editing year. Press **Up** or **Down** button to change current year, press **OK** to continue to edit month/date/hour/ minute.

- **Language**

This is for you to set the language for the Control Panel.

Step 1. Select **Language** and press **OK** to confirm.

	E	n	g	l	i	s	h							
	S	p	a	n	i	s	h							
	P	o	r	t	u	g	u	e	s	e				
	F	r	e	n	c	h								
	D	u	t	c	h									
	I	t	a	l	i	a	n							
	G	e	r	m	a	n								

Step 2. The screen will display current language. To change the language, select a new option and press **OK** to confirm.

- **System Reset**

Selecting System Reset will return all Control Panel setting except Device setting to factory default value. You will need to reconfigure your system settings again.

Step 1. Select **System Reset** and press **OK** to confirm.

2.8. General Setting

The General Setting menu allows you to program Control Panel's alarm related settings

Step 1. Select **Gen. Setting** and press **OK** to confirm.

	F	i	n	a	l		D	o	o	r				
	A	r	m		F	a	u	l	t		T	y	p	e
	T	a	m	p	e	r		A	l	a	r	m		
	E	n	t	r	y		E	x	t	e	n	d		
	E	n	t	r	y	1		T	i	m	e			

	E	n	t	r	y	2		T	i	m	e			
	E	x	i	t		T	i	m	e					
	A	l	a	r	m		L	e	n	g	t	h		
	S	u	p	e	r	v	i	s	i	o	n			
	S	o	u	n	d		S	e	t	t	i	n	g	

- **Final Door**

If set to **On**, when the system is Away Armed and under exit timer countdown, if a opened Door Contact set to Entry attribute is closed, the system will automatically arm the system even if the exit delay timer has not expired yet.

If set to **Off**, the system will only arm the system after the exit delay timer expires. (**Factory Default**)

Step 1. Select **Final Door** and press **OK** to confirm.

		O	f	f										
		O	n											

Step 2. Select to turn On or Off the Final Door option.

- **Arm Fault Type**

Confirm: When set to **Confirm**, if you attempt to arm when a fault exists within the system, the arming action will be prohibited, and a message will be displayed "Fault exists! Please Confirm!" You need to arm the system again to confirm your action and arm the system. **(Factory Default)**

Direct Arm: When set to **Direct Arm**, if you attempt to arm when a fault exists within the system, the system will enter selected arm mode without further notification about fault events.

Step 1. Select **Arm Fault Type** and press **OK** to confirm.

		C	o	n	f	i	r	m						
		D	i	r	e	c	t		A	r	m			

Step 2. Select either Confirm or Direct Arm, and press **OK** to confirm.

- **Tamper Alarm**

Away Arm: Tamper alarm will only be activated when tamper switch is triggered under Away Arm mode (Tamper event will still be reported normally in Home/Disarm mode). **(Factory Default)**
Always: Tamper alarm will be activated whenever tamper switch is triggered.

Step 1. Select **Tamper Alarm** and press **OK** to confirm.

		A	w	a	y		A	r	m					

		A	l	w	a	y	s							

Step 2. Select either Away Arm or Always, and press **OK** to confirm.

- **Entry Extend**

Off: When set to Off, if an Entry Delay countdown is activated and the Control Panel is not disarmed before the countdown timer expires, the Control Panel will report a burglar alarm immediately when the Entry Delay time expires.

On: When set to On, if an Entry Delay countdown is activated and the Control Panel is not disarmed before the countdown timer expires, the Control Panel will wait for another 30 seconds after Entry Delay time has expired before reporting a burglar alarm. (Factory Default is **On.**)

Step 1. Select **Entry Extend** and press **OK** to confirm.

	O	f	f											
	O	n												

Step 2. The screen will display current setting. To change the setting, select a new option and press OK to confirm.

- **Entry1 Time**

If a device set to Entry1 attribute is triggered when the system is armed, the Control Panel will begin an Entry Delay countdown timer according to your Entry Time setting. The system must be disarmed before the timer expires or an alarm will be activated. The Entry Timer for Away Arm and Home Arm can be programmed separately.

(Factory Default is **20 seconds**)

Step 1. Select **Entry Time** and press **OK** to confirm.

	A	w	a	y		A	r	m						
	H	o	m	e		A	r	m						

Step 2. Select an arm mode to edit its Entry Time, press **OK** to confirm.

	D	i	s	a	b	l	e							
	1	0		s	e	c								
	.	.	.											
	.	.	.											
	7	0		s	e	c								

Step 3. The screen will display current setting. To change the setting, select a new option and press OK to confirm.

- **Entry2 Time**

If a device set to Entry2 attribute is triggered when the system is armed, the Control Panel will begin an Entry Delay countdown timer according to your Entry Time setting. The system must be disarmed before the timer expires or an alarm will be activated. The Entry Timer for Away Arm and Home Arm can be programmed separately.

(Factory Default is **20 seconds**)

Step 1. Select **Entry Time** and press **OK** to confirm.

	A	w	a	y		A	r	m						
	H	o	m	e		A	r	m						

Step 2. Select an arm mode to edit its Entry Time, press **OK** to confirm.

	D	i	s	a	b	l	e							
	1	0		s	e	c								
	.	.	.											
	.	.	.											
	7	0		s	e	c								

Step 3. The screen will display current setting. To change the setting, select a new option and press OK to confirm.

- **Exit Time**

When you arm the system, the Control Panel will begin an Exit Delay countdown timer according to your Exit Time setting, and enter selected arm mode after the timer expires.

(Factory Default is **20 seconds**)

Step 1. Select **Exit Time** and press **OK** to confirm.

	A	w	a	y		A	r	m						
	H	o	m	e		A	r	m						

Step 2. Select an arm mode to edit its Exit Time, press **OK** to confirm.

	D	i	s	a	b	l	e							
	1	0		s	e	c								
	.	.	.											
	.	.	.											
	7	0		s	e	c								

Step 3. The screen will display current setting. To change the setting, select a new option and press OK to confirm..

- **Alarm Length**

When an alarm is activated, both the Control Panel siren and external siren will raise alarm according to the Alarm Length setting. (Factory Default is **2 minutes**.)

Step 1. Select **Alarm Length** and press **OK** to confirm.

	D	i	s	a	b	l	e							

	1		m	i	n									
	.	.	.											
	.	.	.											
	1	5		m	i	n								

Step 2. The screen will display current setting. To change the setting, select a new option and press OK to confirm.

- **Supervision**

Set the supervision timer for accessory devices, if no supervision signal is received within set duration for a certain device, the Control Panel will report the situation accordingly. (Factory Default is **12 hours**)

Step 1. Select **Supervision** and press **OK** to confirm.

	D	i	s	a	b	l	e							
	4		h	o	u	r								
	6		h	o	u	r								
	.	.	.											
	2	4		h	o	u	r							

Step 2. Select your desired Supervision time, press **OK** to confirm.

- **Sound Setting**

This function allows you to program various sound options.

Step 1. Select **Sound Setting** and press **OK** to confirm.

	C	h	i	m	e									
	E	n	t	r	y		A	r	m					
	E	n	t	r	y		H	o	m	e				
	E	x	i	t		A	r	m						
	E	x	i	t		H	o	m	e					
	W	a	r	n	i	n	g		B	e	e	p		
	I	n	t	e	r	n	a	l		S	i	r	e	n

Step 2. Select the function you want to edit and press **OK** to confirm. Available options include:

	O	f	f											
	L	o	w											
	M	e	d	i	u	m								
	H	i	g	h										

☞ **Door Chime:** If not disabled, the Control Panel will sound a door chime sound when a Sensor with Chime function enabled is activated in Disarm mode.

☞ **Entry Arm:** If not turned off, the Control Panel will sound beeping sounds when a Door Contact set to Entry attribute is activated in Away Arm mode.

☞ **Entry Home:** If not turned off, the Control Panel will sound beeping sounds when a Door Contact set to Entry attribute is activated in Home Arm mode.

☞ **Exit Arm:** If not turned off, the Control Panel will sound beeping sounds when during Exit Delay Timer for Away Arm mode.

☞ **Exit Home:** If not turned off, the Control Panel will sound beeping sounds when during Exit Delay Timer for Home Arm mode.

☞ **Warning Beep:** If not turned off, the Control Panel will sound beeping sounds every 30 seconds when fault exists within system.

☞ **Internal Siren:** If not turned off, the Control Panel's built-in siren will be activated to sound alarm when an alarm is triggered.

2.9. Device +/-

Devices +/- menu allows you to add/change/delete all available devices. A total of **50** devices can be included in the Control Panel.

Step 1. Select **Device +/-** and press **OK** to confirm.

	A	d	d		D	e	v	i	c	e				
	E	d	i	t		D	e	v	i	c	e			
	C	h	a	n	g	e		Z	o	n	e		N	o
	R	e	m	o	v	e		D	e	v	i	c	e	
	P	r	o	g	r	a	m		S	i	r	e	n	

- **Add Device**

Use this function in include new device into the Control Panel. A maximum of 40 devices can be learnt into the Control Panel.

Step 1. Select **Add device +/-** and press **OK** to confirm.

*	P	u	s	h		B	u	t	t	o	n		O	n	*
	D	e	v	i	c	e		t	o		A	d	d		

Step 2. Press the learn button on the device you want to learn in to transmit a learn code, please refer to the device manual for detail.

Step 3. If the learning code is received

successfully by the Control Panel, the device information will be displayed on the LCD screen. Press **OK** to add the device into Control Panel.

	D	e	t	e	c	t	e	d		(	O	k	?	)	
	D	o	o	r		C	o	n	t	a	c	t			

Step 4. Repeat Step 1~3 to learn in other devices.

- **Edit Device**

Use this function edit the devices learnt into the Control Panel in **Add Device**.

Step 1. Select **Edit device +/-** and press **OK** to confirm.

Step 2. Devices that have already been learnt in will be displayed along with their zone numbers (Z01, Z02, etc.)

	D	C		Z	0	1								
	I	R		Z	0	2								

<NOTE>

☞ The available of devices are listed as followings:

- ✓ Door Contact --- DC
- ✓ PIR Sensor --- IR
- ✓ Pet Immune PIR Sensor--IRP
- ✓ External PIR --- EIR
- ✓ Remote Controller --- RC
- ✓ Carbon Monoxide --- CO
- ✓ Smoke Detector --- SD
- ✓ Water Sensor --- WS
- ✓ Panic Button --- PB
- ✓ Night Switch --- NS
- ✓ Remote Keypad --- KP
- ✓ Indoor Siren --- SR
- ✓ Outdoor Bellbox --- BX
- ✓ Power Switch --- PSS
- ✓ Power Switch Meter --- PSM
- ✓ PIR Camera --- 852/862

Step 3. Step the device you want to edit, press **OK** to confirm.

	P	e	r	i	m	e	t	e	r						
	P	e	r	.		F	o	l	l	o	w	e	r		
	I	n	t	e	r	i	o	r							
	I	n	t	.		F	o	l	l	o	w	e	r		
	I	n	t.		w	/	D	e	l	a	y				

	E	n	t	r	y	1								
	E	n	t	r	y	2								
	H	o	m	e	/	D	e	l	a	y				
	S	i	l	e	n	t		B	u	r	g	l	a	r
	B	u	r	g	l	a	r		O	u	t	d	o	o	r
	2	4		H	R									
	F	i	r	e										
	M	e	d	i	c	a	l	/	E	m	g	.		
	W	a	t	e	r									
	S	e	t	/	U	n	s	e	t					
	S	i	l	e	n	t		P	a	n	i	c		
	P	e	r	s	o	n	a	l		A	t	t	.	
	T	r	i	g	g	e	r		S	c	e	n	e	

Step 4. You will enter attribute setting page for the device. The device attribute determines this device's behavior, please refer to attribute list below to select an attribute.

☞ ***Perimeter***

- When the system is in Away and Home Arm mode, or counting down Entry / Exit Delay Timer, if a "**Perimeter**" device is triggered, a "**Burglar Alarm**" will be activated immediately and reported.

☞ ***Perimeter, Follower***

Away and Home Arm Mode:

- When the system is in Away and Home Arm mode, if a "**Perimeter, Follower**" device is triggered, a "**Burglar Alarm**" will be activated immediately and reported.

Away and Home Arm Entry Delay:

- When the system is counting down Away or Entry Entry Delay Timer, if a "**Perimeter, Follower**" device is triggered, the Control Panel will wait until the Entry Timer expires before activating a "**Burglar Alarm**". If the system is disarmed before Entry Time expires, the Control Panel will not respond.

Exit Delay:

- When the system is counting down Exit Delay Timer, if a "**Perimeter, Follower**" device is triggered, the Control Panel will

not respond.

☞ ***Interior***

Away and Home Arm Mode:

- When the system is in Away Arm mode, if an "**Interior**" device is triggered, a "**Burglar Alarm**" will be activated immediately and reported.
- When the system is in Home Arm mode, if an "**Interior**" device is triggered, the Control Panel will not respond.

Away and Home Arm Entry Delay:

- When the system is counting down Away Arm Entry Delay Timer, if an "**Interior**" device is triggered, a "**Burglar Alarm**" will be activated immediately and reported.
- When the system is counting down Home Arm Entry Delay Timer, if an "**Interior**" device is triggered, the Control Panel will not respond.

Exit Delay:

- When the system is counting down Exit Delay Timer, if an "**Interior**" device is triggered, the Control Panel will not respond.

☞ ***Interior, Follower***

Away and Home Arm Mode:

- When the system is in Away Arm mode, if an "**Interior, Follower**" device is triggered, a "**Burglar Alarm**" will be activated immediately and reported.
- When the system is in Home Arm mode, if an "**Interior, Follower**" device is triggered, the Control Panel will not respond.

Away and Home Arm Entry Delay:

- When the system is counting down Away Arm Entry Delay Timer, if an "**Interior, Follower**" device is triggered, the Control Panel will wait until the Entry Timer expires before activating a "**Burglar Alarm**". If the system is disarmed before Entry Time expires, the Control Panel will not respond.
- When the system is counting down Home Arm Entry Delay Timer, if an "**Interior, Follower**" device is triggered, the Control Panel will not respond.

Exit Delay:

- When the system is counting down Exit Delay Timer, if a "**Interior, Follower**" device is triggered, the Control Panel will not respond.

☞ ***Interior with Delay***

Away and Home Arm Mode*:*

- When the system is in Away Arm mode, if an "**Interior with Delay**" device is triggered, the Control Panel will start an Entry Delay countdown timer according to Entry 1 Delay setting programmed for the user to disarm the system. (please refer to **5.4. Area** for detail)
- If the delay period expires and no correct PIN code has been entered, the Control Panel will activate its built-in siren immediately and follow **Entry Timer Extend** setting. (please refer to **5.4. Area** for detail)

  If Entery Timer Extend is set to OFF, the Control Panel will report a **Burglar Alarm** immediately.

  If Entery Timer Extend is set to ON, the Control Panel will wait for 30 seconds before reporting a **Burglar Alarm**. If the panel is disarmed within 30 seconds, no burglar alarm will be reported.
- When the system is in Home Arm mode, if an "**Interior with Delay**" device is triggered, the Control Panel will not respond.

Away and Home Arm Entry

Delay:

- When the system is counting down Away Arm Entry Delay Timer, if an "**Interior with Delay**" device is triggered, the Control Panel will wait until the Entry Timer expires before activating a "**Burglar Alarm**". If the system is disarmed before Entry Time expires, the Control Panel will not respond.
- When the system is counting down Home Arm Entry Delay Timer, if an "**Interior with Delay**" device is triggered, the Control Panel will not respond.

Exit Delay:

- When the system is counting down Exit Delay Timer, if an "**Interior with Delay**" device is triggered, the Control Panel will not respond.

☞ ***Entry 1 / Entry 2***

Away and Home Arm Mode:

- When the system is in Away and Home Arm mode, if an "**Entry 1**" or "**Entry 2**" device is triggered, the Control Panel will start an Entry Delay countdown timer according to Entry 1 Delay or Entry 2 Delay setting programmed for the user to disarm the system. (please refer to **5.4. Area** for detail)
- If the delay period expires and no correct PIN code has been entered, the Control Panel will activate its built-in siren immediately and follow **Entry Timer Extend** setting. (please refer to **5.4. Area** for detail)

  If Entery Timer Extend is set to OFF, the Control Panel will report a **Burglar Alarm** immediately.

  If Entery Timer Extend is set to ON, the Control Panel will wait for 30 seconds before reporting a **Burglar Alarm**. If the panel is disarmed within 30 seconds, no burglar alarm will be reported.

Away and Home Arm Entry Delay:

- When the system is counting down Away or Home Entry Delay Timer, if an "**Entry 1**" or "**Entry 2**" device is triggered, the Control Panel will wait until the Entry Timer expires before activating a "**Burglar Alarm**". If the system is disarmed before Entry Time expires, the Control Panel will not respond.

Exit Delay:

- When the system is counting down Exit Delay Timer, if an "**Entry1**" or "**Entry 2**" device is triggered, the Control Panel will not respond.

☞ ***Home/Delay***

Away and Home Arm Mode*:*

- When the system is in Away Arm mode, if a "**Home/Delay**" device is triggered, a "**Burglar Alarm**" will be activated immediately and reported.
- When the system is in Home Arm mode, if a "**Home/Delay**" device is triggered, the Control Panel will start an Entry Delay countdown timer according to Entry 1 Delay setting programmed for the user to disarm the system. (please refer to **5.4. Area** for detail)
- If the delay period expires and no correct PIN code has been entered, the Control Panel will activate its built-in siren immediately and follow **Entry Timer Extend** setting. (please refer to **5.4. Area** for detail)

  If Entery Timer Extend is set to OFF, the Control Panel will report a **Burglar Alarm** immediately.

  If Entery Timer Extend is set to ON, the Control Panel will wait for 30 seconds before reporting a **Burglar Alarm**. If the panel is disarmed within 30 seconds, no burglar alarm will be reported.

Away and Home Arm Entry Delay:

- When the system is counting down Away or Home Entry Delay Timer, if a "**Home/Delay**" device is triggered, the Control Panel will wait until the Entry Timer expires before activating a "**Burglar Alarm**". If the system is disarmed before Entry Time expires, the Control Panel will not respond.

Exit Delay:

- When the system is counting down Exit Delay Timer, if a "**Home/Delay**" device is triggered, the Control Panel will not respond.

☞ ***Silent Burglar***

- When the system is in Away and Home Arm mode, or counting down Entry / Exit Delay Timer, if a "**Silent Burglar**" device is triggered, the Control Panel will report a "**Burglar Alarm**" but will not activated any audiable siren.

☞ ***Burglar Outdoor***

- When the system is in Away and Home Arm mode, if a "**Burglar Outdoor**" device is triggered, the Control Panel will report a "**Burglar Outdoor Alarm**" but will not activated any audible siren.

☞ ***24 Hour***

- The **24 Hour** device is active all the time regardless of system mode or Entry / Exit Time. When a **24 Hour** device is triggered, the Control Panel will activate and report a "**Burglar Alarm**" immediately.

☞ ***Fire***

- The **Fire** device is active all the time regardless of system mode or Entry / Exit Time. When a **Fire** device is triggered, the Control Panel will activate and report a "**Fire Alarm**" immediately.

☞ ***Medical Emergency***

- The **Medical Emergency** device is active all the time regardless of system mode or Entry / Exit Time. When a **Medical Emergency** device is triggered, the Control Panel will activate and report a "**Medical Alarm**" immediately.

☞ ***Water***

- The **Water** device is active all the time regardless of system mode or Entry / Exit Time. When a **Water** device is triggered, the Control Panel will activate and report a "**Water Alarm**" immediately.

☞ ***Set/Unset (For Door Contact Only)***

- If the Door Contact is set to Set/Unset, the system will be disarmed when the Door Contract is triggered, and armed when Door Contact is closed.

<NOTE>

☞ Please refer to Normal Open/Normal Close section below for further detail.

☞ ***Silent Panic***

- If the device attribute is set to **Silent Panic**, when the device is activated, the Control Panel will report a **Slient Panic** alarm without sounding an audible siren.

☞ ***Personal Attack***

- If the device attribute is set as **Personal Attack**, when the device is activated, the Control Panel will activate a **Panic Alarm** report the event

☞ ***Trigger Scene (Remote Controller Only)***

- When a Remote Controller set as **Trigger Scene** is activated,

the Control Panel will execute selected Scene number accord to Home Automation Setting.

Step 5. Select the Home Automation Scene number which will be activated when the device is triggered. If Disable is selected, no Scene will be activated.

For Remote Controller, you must first select "Trigger Scene" in the Remote Controller's Attribute selection for scene number selection to take effect.

Disable
Scene1
Scene2
...
Scene10

Step 6. Select the Door Chime function (Only available for DC, IR and PIR Cameras). If Chime is selected, the Control Panel will emit a ding-dong sound when the sensor is triggered under Disarm mode. If Off is selected, no sound will be activated.

Off
Chime

Step 7. Select if you want to permanently bypass the device. Permanently Bypass will deactivated selected device until you unselect the function. The Control Panel will ignore all signal sent from Permanently Bypassed device, include Low Battery and Tamper signal. Press **OK** to confirm. Factory Default is **Normal**.

Normal
Permant. Bypass

Step 8. Select to on or off latch report. When turned on, the Control Panel will send a report if the device is triggered. Press OK to confirm.

Latch Rpt Off
Latch Rpt On

For Power Switches, you will be required to assign a group to the Power Switch instead

Group 1
Group 2
...
Group 8

Step 9. Select a name for the device among the default device name list and press OK to confirm. If you want to enter device name manually, select "User Define." (If you have edited the device name previously, "User Define" will be replaced with the name previously entered)

User Define
Attic
Back door
Balcony
Basement
Bedroom
Closet
Corridor
Dining room
Driveway
Entrance
Equipment
Exit
First Floor
Upper floor
Front door
Garage
Garden
Guest Room
Hall
Kitchen
Laundry
Library
Living room
Lobby
Main Door
Pantry
Patio
Reception
Roof
Side
Stair
Storage
Toilet
Yard

Step 10. The name you selected will be displayed, edit the name if required then press OK to confirm

Edit name

<NOTE>

☞ For Shutter Control and UPIC, instead of editing attribute, you can control the device with Edit Device function.

- **Change Zone Number**

Use this function change zone number of a leant in device.

Step 1. Select **Change Zone No** and press **OK** to confirm.

Step 2. The screen will display learnt in device list. Select the device you want to remove, press **OK** to confirm.

	D	C		Z	0	1								
	I	R		Z	0	2								

Step 3. The currently unoccupied zone number will be displayed. Select a new zone number for the device and press **OK** to confirm.

	Z	o	n	e	3									
	Z	o	n	e	4									

- **Remove Device**

Use this function remove a leant in device.

Step 1. Select **Remove Device** and press **OK** to confirm.

Step 2. The screen will display learnt in device list. Select the device you want to remove, press **OK** to confirm.

- **Program Siren**

The program siren functions allows you to learn in siren/bellbox and program their behaviour.

	L	e	a	r	n		S	i	r	e	n			
	S	i	r	e	n		T	a	m	p	.	O	n	
	S	i	r	e	n		T	a	m	p	.	O	f	f
	C	o	n	f	i	r	m		O	n				
	C	o	n	f	i	r	m		O	f	f			
	E	n	t	r	y		S	n	d	.	O	n		
	E	n	t	r	y			S	n	d	.	O	f	f

☞ **Learn Siren:** Follow steps below to learn in siren to the alarm system:

Step 1. Put the siren into learning mode, please refer to the Siren manual for detail.

Step 2. Select **Learn Siren**, press OK to confirm.

Step 3. The Control Panel will transmit learning code to the siren. If the siren receives the learn code, it will react accordingly, please refer to your siren manual for detail.

<NOTE>

☞ For Two-way radio Sirens, please learn in the siren according to the instruction in **Add Device**.

Siren Tamper On/Off

Siren Tamp.On: When selected, the Siren's tamper protection will be enabled.

Siren Tamp.Off: When selected, the Siren's tamper protection will be disabled.

Confirm On/Off

Confirm On: When selected, the Siren will emit beeping sound when the system is armed or disarmed.

Confirm Off: When selected, the Siren will not emit beeping sound when the system is armed or disarmed.

Entry Sound On/Off

Entry Snd.On: When selected, the Siren will emit beeping sound during Entry Delay countdown timer

Entry Snd.Off: When selected, the Siren will not emit beeping sound during Entry Delay Countdown Timer

2.10. Network Setting

Program your network and email SMTP setting under this menu.

Step 1. Select **Network Set.**, press OK to confirm

	S	M	T	P										
	F	r	o	m										
	H	P	S	/	X	M	P	P						

- **SMTP**

The SMTP setting is for you to program the mail server related settings. The email account you set here would be used to send email report and email the triggered images/videos from PIR Camera/Video Camera. For email destination, please refer to **Media Upload** section.

Step 1. To edit the email information, select **SMTP** and press **OK** to confirm.

Step 2. Proceed to enter the IP address, press **OK** to confirm.

			S	M	T	P								

The format of SMTP setting is: smtp://user:password@mail server

User: email account user name. For example, if your email account is john@yahoo.com, enter **john**.

Password: email account password.

Mail Server: Email server domain name.

The default port used by SMTP is Port **25**. If you want to specify other ports, enter the port number according to format below:

smtp://user:password@mail server:port

<NOTE>

☞ SMTP setting must be entered in all lowercase letters.

- **From**

This is for you to set the email account used to send captured picture/video and email report. This setting should be entered along with SMTP setting.

Step 1. To edit the email information, select **From** and press **OK** to confirm.

Step 2. Enter the email account according to SMTP setting. Ex: john@yahoo.com.

		E	m	a	i	l		a	c	c	o	u	n	t

<NOTE>

☞ From setting must be entered in all lowercase letters.

- **HPS/XMPP**

The HPS/XMPP setting is for you to register and configure the panel by using Home Portal Server.

Step 1. To enable this function, select **HPS/XMPP** and **Enable**.

	D	i	s	a	b	l	e							
	E	n	a	b	l	e								

Step 2. Press **OK** to confirm.

Step 3. **Disable** this function when you finish the configuration for power-saving.

2.11. Media Upload

The Media Upload menu allows you to set the destination for the Control Panel to deliver captured picture/video from PIR Camera, PIR Video Camera or IP Camera

Step 1. To edit the setting, select **Media Upload** and press **OK** to confirm.

	1	)												
	2	)												
	3	)												
	4	)												
	5	)												
	P	r	e	f	i	x								

- **1~5**

There are 5 upload destinations available for you to program.

Step 1. Select one of the upload destination from 1~5, press ok to confirm.

Step 2. Select to either edit or delete the setting, press **OK** to confirm.

	E	d	i	t										
	D	e	l	e	t	e								

Step 3. If you choose to edit the setting, enter an email address, FTP address, or IP address.

	I	P	(	M	A	N	I	T	O	U	)			
	I	P	(	M	A	N	I	T	O	U	+	T	L	S	)
	F	T	P											
	M	a	i	l										

☞ **IP(MANITOU):** Manitou via IP/GPRS

☞ **IP(MANITOU+TLS):** Manitou via IP/GPRS (TLS encrypted)

☞ **FTP:** FTP upload

☞ **Email:** In order to send the picture/video by email, the **SMTP** and **From** setting must be completed first.

Step 4. If you choose to delete the setting, the current upload setting will be removed.

- **Prefix**

The prefix is the title given to every captured picture or video for you to identify the file.

Step 1. Select **Prefix**, press **OK** to confirm.

Step 2. Select to either edit or delete the setting, press **OK** to confirm..

	E	d	i	t										
	D	e	l	e	t	e								

Step 3. If you choose to edit the setting, enter a new title and press OK to confirm. If you choose to delete the setting, the current Prefix will be removed.

2.12. Home Automation

The Home Automation function allows you to set rules to customize your output terminal and control the device connected to the terminal with preset condition.

Step 1. Select **Home Auto.** and press **OK** to confirm.

Step 2. You will enter the rule selection menu. The Control Panel supports 20 Home Automation rules which can be

programmed separately.

	1	)	E	m	p	t	y						.	
	2	)	E	m	p	t	y							
	.													
	.													
	.													
	5	0	)	E	m	p	t	y						

Step 3. Select a rule number and press **OK** to confirm. You will be required to set a condition for the rule to be activated.

	E	m	p	t	y									
	M	o	d	e		C	h	a	n	g	e	d		
	A	l	a	r	m									
	G	r	e	a	t	e	r		T	e	m	p	.	
	G	r	e	a	t	e	r		T	e	m	p	.	Z
	L	o	w	e	r		T	e	m	p	.			
	L	o	w	e	r		T	e	m	p	.		Z	
	T	i	m	e	r	(	D	a	i	l	y	)		
	T	i	m	e	r	(	W	e	e	k	l	y		
	I	n	i	t	i	a	l							
	A	n	y		A	l	a	r	m					

Step 4. According to the condition selected, set the detail of the condition and press **OK** to confirm.

Mode Change

The rule will be activated when the Control Panel enters selected mode.

Alarm

The rule will be activated when the selected alarm is triggered.

Greater Temp.

The rule will be activated when the temperature rises above set temperature.

Greater Temp. Zone

The rule will be activated when the temperature of the selected temperature sensor rises above set temperature.

Lower Temp.

The rule will be activated when the temperature drops below set temperature.

Lower Temp. Zone

The rule will be activated when the temperature of the selected temperature sensor drops below set temperature.

Timer (Daily)

The rule will be activated according to set time every day.

Timer (Weekly)

The rule will be activated according to set weekday time.

Initial.

The rule will be activated when the Control Panel is powered up.

Any Alarm

The rule will be activated when the any alarm is triggered

Step 5. Set the action to be executed when the condition is met and press **OK** to confirm.

	E	m	p	t	y									
	A	p	p	l	y		S	c	e	n	e			

Step 6. According to the action selected, Set the detail of the action you want to take.

Apply Scene

The selected scene number will be activated.

3. Programming Menu

The programming menu is designed for user to mange User PIN codes and other setting. to enter the Programming Menu:

Step 1. Press and hold the **#** key on the numeric keypad for 3 seconds.

You will be prompted a PIN code.
Enter the PIN Code (default user 1 PIN code: **1234**)

			E	n	t	e	r		C	o	d	e		
						.	.	.	.					

Step 3. The following is displayed and you are prompted to enter the Master code (default **1111**).

		E	n	t	e	r		M	-	C	o	d	e	
						.	.	.	.					

Step 4. You will enter the Programming Menu.

	W	a	l	k		T	e	s	t					
	P	i	n		C	o	d	e						
	G	u	a	r	d		C	o	d	e				
	M	a	s	t	e	r		C	o	d	e			
	T	e	m	p		C	o	d	e					
	D	u	r	e	s	s		C	o	d	e			
	G	e	n	.	S	e	t	t	i	n	g			
	D	e	v	i	c	e		+	/	-				

3.1. Walk Test

The Walk Test function under Programming Menu functions the same as the Walk Test function in Installer Menu. Please refer to **2.1. Walk Test** for detail.

3.2. PIN Code Setting

The User Codes are used for users to acess the alarm system. A total of 10 4-digit User Codes can be stored in the Control Panel. Each individual User can be given a name for easy recognition User PIN Code #1 is set to **1234** by Factory Default.

Step 1. Select **Pin Code**, press **OK** to confirm.

Step 2. You will enter the PIN code menu. Select the PIN code you want to edit, then press **OK** to confirm.

	1	)	✱	✱	✱	✱								
	2	)	.	.	.	.								
	.	.	.											
	.	.	.											
	9	)	.	.	.	.								
	1	0	)	.	.	.	.							

Step 3. For an existing PIN code, you will be asked whether you want to delete the PIN code (except for PIN code 1 which cannot be deleted), press **OK** to confirm if you want to delete the PIN code
For an empty PIN code, you will be prompted to enter a new code.

	E	n	t	e	r		n	e	w		c	o	d	e
						.	.	.	.					

Step 4. Select a new PIN code and press **OK**, you will be asked to repeat the code again.

R	e	p	e	a	t		n	e	w		c	o	d	e
						.	.	.	.					

Step 5. Select to turn on/off Latch option. When set to On, the system will report all arm/disarm action by this user. Press **OK** to confirm.

			U	s	e	r		N	a	m	e			

Step 6. Enter a User Name for this PIN Code, you can also leave this field blank. Press **OK** to confirm. The PIN code setting is now complete.

3.3. Guard Code Setting

The Guard Code is designed for security guard to acess the alarm system. The guard code can only access the basic user menu of the panel and will be recorded separately from regular User PIN Code in the panel's event log when used to arm/disarm the system. The Guard Code is disabled by default.

Step 1. Select **Guard Code**, press **OK** to confirm.

Step 2. You will be prompted to enter a Guard Code.

	E	n	t	e	r		n	e	w		c	o	d	e
						.	.	.	.					

Step 3. Enter a code and press **OK**, you will be asked to repeat the code again.

R	e	p	e	a	t		n	e	w		c	o	d	e
						.	.	.	.					

Step 4. Repeat the code and press **OK**, you will be asked to turn on/off Latch option. When set to On, the system will report all arm/disarm action by this user. Press **OK** to confirm. Guard

Code setting is now complete

	L	a	t	c	h		O	n					
	L	a	t	c	h		O	f	f				

3.5. Master Code

The Master Code is used to access the Programming Menu. Factory Default is set to **1111**. To change the Master Code.

Step 1. Select **Master Code** and press **OK** to confirm. You will be prompt to enter a new Master Code.

	E	n	t	e	r		n	e	w		c	o	d	e	
							.	.	.	.					

Step 2. Enter the new code and press **OK**, you will be asked to repeat the code again.

R	e	p	e	a	t		n	e	w		c	o	d	e	
							.	.	.	.					

Step 3. Repeat the new code and press **OK** to confirm. Master Code setting is now complete.

3.6. Temporary Code

The Temporary Code is used to access the system for a temporary user and is valid only once per arming and once per disarming. Afterwards, the Temporary Code is automatically erased and needs to be reset for a new Temporary user. To set the Temporary Code.

Step 1. Select **Temp Code** and press **OK** to confirm. You will be prompt to enter a new Temporary Code.

	E	n	t	e	r		n	e	w		c	o	d	e	
							.	.	.	.					

Step 2. Enter the new code and press **OK**, you will be asked to repeat the code again.

R	e	p	e	a	t		n	e	w		c	o	d	e	
							.	.	.	.					

Step 3. Repeat the new code and press **OK** to confirm. Temporary Code setting is now complete.

3.7. Duress Code

The Duress Code has the same function as the User PIN code. It is used to access the system in duress situation. When this code is used for accessing the system, the Control Panel will report a secret alarm message without sounding the siren to the Central Monitoring Station to indicate of a "**Duress Situation in Progress**". To set the Duress Code:

Step 1. Select **Duress Code** and press **OK** to confirm. You will be prompt to enter a new Duress Code.

	E	n	t	e	r		n	e	w		c	o	d	e	
							.	.	.	.					

Step 2. Enter the new code and press **OK**, you will be asked to repeat the code again.

R	e	p	e	a	t		n	e	w		c	O	d	e	
							.	.	.	.					

Step 3. Repeat the new code and press **OK** to confirm. Duress Code setting is now complete.

3.8. General Setting

The General Setting function under Programming Menu functions the same as the General Setting function in Installer Menu. Please refer to **2.10. General Setting** for detail.

3.9. Device +/-

The Device +/- function under Programming Menu functions the same as the Device +/- function in Installer Menu. Please refer to **2.9. Device +/-** for detail.

4. Operation

4.1. LCD Display

The Control Panel's LCD will display the system information according to different status and panel modes.

- **Disarm mode**

When the system is in Disarm mode, and no fault exists in system, the LCD will display "Ready to Arm".

		R	e	a	d	y		t	o		A	r	m	
		0	0	:	0	1		J	a	n		0	1	

When fault events exists in system, The LCD will display the fault event on screen, followed by "(**XX**)". The **XX** represents the number of fault event in system.

When Control Panel or accessory tamper open status is detected, the LCD will display "Tamper Zone"

T	a	m	p	e	r		Z	o	n	e	(	X	X	)
		0	0	:	0	1		J	a	n		0	1	

When Door Contact in the system is opened (not aligned with magnet), the LCD will display "Open Zone"

		O	p	e	n		Z	o	n	e	(	X	X	)
		0	0	:	0	1		J	a	n		0	1	

When other fault exists in system, the LCD will display "Fault"

			F	a	u	l	t	(	X	X	)			
		0	0		0	1		J	a	n		0	1	

- **Away Arm / Home Arm mode**

When the system is in Away Arm or Home Arm mode, and no fault event exists in system, the LCD will display current mode.

				A	w	a	y		A	r	m			
		0	0		0	1		J	a	n		0	1	

When the system is in Away Arm or Home Arm mode, and fault event exists in system, the LCD will display (**XX**) after current mode. The **XX** represents the number of fault event in system.

		A	w	a	y		A	r	m	(	X	X	)	
		0	0		0	1		J	a	n		0	1	

- **View Fault Events**

When fault event exists in system, press **Down** key to view fault events.

Step 1. The screen will display:

					S	T	A	R	T					
							▼							

Step 2. Press **Down** key to scroll through the fault events. When all fault events are displayed, the screen will show:

							▲							
					E	N	D							

Step 3. Press ↩ key to exit fault display.

4.2. Entering User Menu

When the system is in Disarm mode, enter a valid user code to access the User Menu,

When the first numberic key is pressed, the display will show:

			E	n	t	e	r		C	o	d	e		
						✱	.	.	.	.				

Enter the 4-digit user PIN code followed by **OK**, within 30 sec.

The options are available for user menu:

o	F	a	u	l	t		D	i	s	p	l	a	y	
	L	o	g											
	A	l	a	r	m		M	e	m	o	r	y		
	B	y	p	a	s	s								
	A	p	p	l	y		S	c	e	n	e			
	A	w	a	y		A	r	m						
	H	o	m	e		A	r	m						
	B	a	t	t	e	r	y		L	e	v	e	l	

<NOTE>

☞ If you wish to arm the system when fault event exists, please refer to **4.4. Force Arm** below.

4.3. Away Arm Mode

The Away Arm Mode will arm all divice in the Control Panel to react accordingly upon alarm trigger

- **Entering Away Arm mode**

Step 1:

☞ Select **Away Arm** under User Menu and press **OK**.

☞ When under Disarm mode, enter a User PIN code and press the **Away Arm** key on the Control Panel.

☞ When under Disarm mode, enter a User PIN code and press the **Away Arm** key on the Remote Keypad. (Please refer to Remote Keypad manual for detail)

☞ Press the **Away Arm** key on the Remote Controller

☞ When under Disarm mode, press the **Away Arm** key on the Control Panel for quick arm. (Quick Key arming must be enabled in Panel Setting).

☞ Use the Control Panel webpage to Away Arm the Control Panel.

Step 2. The Control Panel will begin Exit Delay Timer countdown according to the setting. The screen will display:

		T	i	m	e		t	o		e	x	i	t	
				X	X	X		s	e	c				

Step 3. When the timer expires, the Control Panel will enter Away Arm mode and emit a long beep to indicate.

<IMPORTANT NOTE>

☞ If **Final Door** is set to **ON**, when the Door Contact set to Entry Attribute is closed. The Control Panel will enter Away Arm mode even if the Exit Delay Timer has not expired yet.

- **Stopping the Exit Delay Timer**

The Exit Delay Timer can be stopped by disarming the system and the Control Panel will return to Disarm mode. Please refer to **4.5. Disarm Mode** section below

4.4. Home Arm Mode

The Home Arm Mode allows the home to be Partial Armed, Thus, part of the System is protected with the Alarm, yet, the other areas allows the user to move freely without self triggering the alarm.

Devices with their attribute set to **Interior, Follwer** or **Interior** will not be triggered under Home Arm mode.

- **Entering Home Arm mode**

Step 1:

☞ Select **Home Arm** under User Menu and press **OK**.

☞ When under Disarm mode, enter a User PIN code and press the **Home Arm** key on the Control Panel.

☞ When under Disarm mode, enter a User PIN code and press the **Home Arm** key on the Remote Keypad. Press the **Home Arm** key on the Remote Controller.

☞ When under Disarm mode, press and hold the **Home Arm** key on the Control Panel for 2 seconds for quick arm. (Quick Key arming must be enabled in Panel Setting).

☞ Use the Control Panel webpage to Home Arm the Control Panel.

Step 2. The Control Panel will begin Exit Delay Timer countdown according to the setting. The screen will display:

		T	i	m	e		t	o		e	x	i	t	
				X	X	X		s	e	c				

Step 3. When the timer expires, the Control Panel will enter selected Home Arm mode and emit 3 short beeps.

- **Stopping the Exit Delay Timer**

The Exit Delay Timer can be stopped by disarming the system and the Control Panel will return to Disarm mode. Please refer to **4.5. Disarm Mode** section below

4.5. Force Arm

When you arm the system, if any fault event exists in the system, the arming action will be prohibited and the fault event will be displayed on screen.

At this moment, you can either rectify all of the problems and clear the Fault Display. The Control Panel will be able to be armed normally.

If you want to arm the system without correcting the fault situation, follow the steps below to Forced Arm the Control Panel.

Step 1: When fault events are displayed, repeat the same arming action again

Step 2: The Control Panel will begin Exit Delay Timer countdown according to the setting. The screen will display:

		T	i	m	e		t	o		e	x	i	t	
				X	X	X		s	e	c				

Step 3. When the timer expires, the Control Panel will enter selected arm mode accordingly.

4.6. Disarm

When the system is under Away Arm or Home Arm mode, to disarm the system:

Step 1:

- ☞ Enter a User PIN code on the Control Panel keypad and press **OK** key.
- ☞ Enter a User PIN code on the Remote Keypad and press **Disarm** key.
- ☞ Press the **Disarm** key on the Remote Controller.
- ☞ Use the Control Panel webpage to disarm the Control Panel.

Step 2: The Control Panel will return to Disarm mode.

4.7. Temporary Bypass

The Bypass function allows you to deactivate a device temporarily for one arming/disarming period. When a bypassed sensor (IR/DC/PIR Camera) is triggered, the panel will ignore the signal from the sensor and will not raise alarm.

To Bypass a sensor:

Step 1. Select **Bypass**, press OK to confirm. The screen will display your device list:

		D	C		Z	0	1							
		I	R		Z	0	2							

Step 2. Select the sensor you want to bypass and press **OK**. The sensor will be marked with a **+** to indicate it is bypassed. You can also remove the bypass condition by selecting the sensor and press **OK** again.

	+	D	C		Z	0	1							
		I	R		Z	0	2							

The bypassed condition of a sensor will be remove automatically after the panel is armed, then disarmed. For Door Contact, the condition will also be removed when the Door Contact is closed.

4.8. Apply Scene

You can activate programmed Scene number under the User Menu. Before applying a scene, the scene must be programmed first through the Control Panel webpage.

To apply a scene:

Step 1. Select **Apply Scene**, press OK to confirm. The screen will display scene numbers from 1~10 along with Scene name:

	1													
	2													
	1	0												

Step 2. Select the scene you want to activate and press **OK** to confirm.

4.9. Dual Key Alarm

You can activate an alarm manually by pressing buttons on the Control Panel keypad anytime regardless of system mode.

- **Panic Alarm**

Press and hold **1** and **3** keys together for 3 seconds to trigger a panic alarm.

- **Fire Alarm**

Press and hold **4** and **6** keys together for 3 seconds to trigger a fire alarm.

- **Medical Emergency Alarm**

Press and hold **7** and **9** keys together for 3 seconds to trigger a medical emergency alarm.

Step 1. Press and hold both keys together to trigger alarm, the screen will prompt you to enter PIN code when you first press the keys.

			E	n	t	e	r		C	o	d	e		
						✱	.	.	.	.				

Step 2. Ignore the screen prompt and continue to hold both keys for 3 seconds. Then the alarm will be activated

4.10. Alarm Activation

When an alarm is activated because of a device/event trigger, the LCD screen will display “ALARM! ALARM!” to notify the user. During this time, the Control Panel will also sound the siren, and send out a corresponding alarm report to the programmed destination(s).

- **Stopping the Alarm**

Step 1: To Stop the alarm, disarm the Control Panel, please refer to **4.5. Disarm** for detail.

Step 2: The alarm will be stopped, the device

that triggered the alarm will be displayed on screen. Use the Down button to scroll down the alarm event, the screen will display whether the system reported successfully to programmed destination or not.

Step 3: When you finished viewing the alarm event, the Control Panel will enter Disarm mode.

<IMPORTANT NOTE>

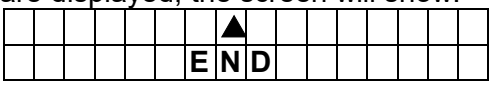
- ☞ The Remote Controller cannot be used to stop the panic alarm triggered by itself.
- ☞ Stopping the alarm will not stop the alarm reporting, please refer to ***2.3. Report Setting*** for more information.

- **Alarm Memory**

You can use the Alarm Memory option to check previous alarm history.

Step 1: Under the User Manual, select **Alarm Memory** and press **OK** to confirm. If alarm memory exists in the Control Panel, the screen will display:

Step 2. Press **Down** key to scroll through the alarm events. When all alarm event are displayed, the screen will show:



Step 3. You can press **Up** key to scroll back through the fault events or press **OK** key to exit Alarm Memory.

4.11. Keypad Lockdown

The Control Panel features Keypad Lockdown function to prevent continuous User PIN Code retries: If the wrong User PIN Codes are entered for 5 times within 10 minutes, the keypad will be locked down for 15 minutes. All key presses from Control Panel keypad or Remote Keypads are prohibited during the 15 minute period.

4.12. Tamper Protection

The Control Panel is tamper protected from unauthorized cover opening or removal from mounted surface after installation by the Tamper Switch on the back of the Control Panel. An additional tamper switch can be connected to the External Tamper Switch Terminal on the Control Panel. The terminal will form a Normal Close loop with the tamper switch and activate when the loop is opened. When the tamper is triggered:

- **If the system is in Arm mode:**

  The Control Panel will always activate a Tamper Alarm upon tamper switch trigger and report the alarm event.

- **If the system is in Home/Disarm mode:**

  When Tamper Alarm is set to **Away Only**, no alarm will be activated when a tamper switch is triggered under Home/Disarm mode. A report for tamper trigger will still be reported.

  When Tamper Alarm is set to **Always**, the Tamper Alarm will also be activated when a tamper switch is triggered under Home/Disarm mode.

  For Tamper Alarm setting please refer to **2.7. General Setting**.

- **Avoiding accidental Tamper alarm when changing device battery/mounting location:**

Step 1: Use the Bypass function to temporarily deactivate the device to avoid tamper trigger.

Step 2: For Indoor Siren or Outdoor Bell Box, you also need to disabled the Siren Tamper temporarily.

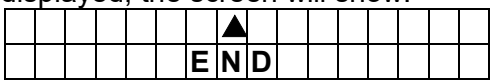
Step 3: After finish changing battery or mounting location, remove the Bypass setting and enable Siren Tamper again

4.13. Fault Display

The Fault Display option is for you to view the fault events:

Step 1. Select **Fault Display**, press OK to confirm. The screen will display:

Step 2. Press **Down** key to scroll through the fault events. When all fault events are displayed, the screen will show:



Step 3. You can press **Up** key to scroll back through the fault events or press **OK**

key to exit fault display.

<NOTE>

☞ The Control Panel is capable of detecting following fault events:

- ✓ Control Panel Low Battery
- ✓ Sensor Out-of-order
- ✓ Sensor Low Battery
- ✓ Device and Panel Tamper
- ✓ Interference Detection
- ✓ GSM-Related Failure

4.14. Battery Level

This option is for you to check the battery level:

Step 1. Select **Battery Level**, press OK to confirm. The screen will display:

		B	**a**	**t**	**t**	**e**	**r**	**y**		**L**	**e**	**v**	**e**	**l**	
							1	**0**	**0**	**%**					

The battery level can also be check when using Home Portal Server.

4.15. Factory Reset

You can clear all programmed settings and learnt in devices for the Control Panel and return all configuration to factory default by following the below steps

Step 1. Power down Control Panel.

Step 2. Apply power to the control panel.

Step 3. Press ▲ key within 10 seconds after power on the panel.

Step 4. The Control Panel firmware version will be displayed.

Step 5. To factory reset the panel, press the following keys: ▼▲▼▲▼▲▼, then **OK** key to confirm

Step 6. Select Factory Reset on the LCD screen press **OK** to confirm.

Step 7. Factory Reset is now complete.

<NOTE>

☞ All learnt in devices will be removed after factory reset, you need to re learn-in the devices again.

☞ If you want to reset system setting without removing learnt-in devices, please use the **System Reset** function in Installer Menu.

5. Appendix

5.1. Fault Event Description

During operation, when the panel detects faulty events, the panel will log the event and make reports. Users can check fault events from Fault Display in User Menu. Please refer to **4.13 Fault Display**.

- **Fault Event Table**

Fault Event	Descriptions
Panel Low Battery	When the battery voltage is low, the panel low battery event is generated
Panel Tamper	The tamper switch on back of the panel is not compressed against the back cover. This means the panel's cover is opened and not properly sealed.
SIM Not Inserted	The panel does not have a SIM card inserted in SIM Card compartment.
No GSM Signal	The panel does not have any mobile network signal.
Interference/Jamming	The panel detects radio frequency jamming, which will affect its ability to receive signal from RF devices (Does not include ZigBee/Z-wave/Wi-fi signal)
Device Low Battery	The accessory device at indicated zone number is low on battery
Device Tamper	The tamper switch of the device at indicated zone number is open
Device Supervision Failure	The panel was unable to receive supervision signal sent from accessory device at indicated zone number for the duration of Supervision Timer programmed. (i.e. If Supervision Timer is set to 12 hours, the panel will generate supervision failure event after failing to receive supervision signal for 12 hours)

5.2. SMS Remote Command

Control Panel with GSM function can be controlled remotely by SMS Commands for arm/home/disarm action and setting configuration. BOGP-3 can be programmed by receiving these commands when XMPP connection is enabled. Please refer to **2.10 Network setting** and following information for details.

- **SMS Command Composition**

A SMS command is composed of the following items:

1. **Command**: The action itself, the command is always followed by a colon "**:**" mark.
2. **Parameters**: The parameter determine the detail execution of the command. If multiple parameters are required, the should be separated by comma "**,**" mark.

- **SMS Message Format**

The SMS command message requires entering a **P-Word** and **Installer Code** for the Control Panel to recognize the SMS message. The complete SMS message format is:

(**P-Word**)(**Space**)(**Installer Code**)(**Space**) (**Command**):(**Parameter1**),(**Parameter2**)……

Ex: If P-Word = **PROG (Factory Default)**

Installer Code = **7982 (Factory Default)**

Command = **USRS** (Set User PIN Code)

Parameter 1 =**1** (For User 1)

Parameter 2 =**1234** (New User PIN Code)

Parameter 3 =**JOHN** (For User Name)

Parameter 4 =**1** (Latch Report On)

The final SMS message is: **PROG 7982 USRS:1,1234,JOHN,1**

<NOTE>

☞ Some parameters can be left blank to indicate no change to setting, or delete original setting. When entering a blank parameter, you still need to enter a "**,**" to separate the parameter.

Ex: If P-Word = **PROG (Factory Default)**

Installer Code = **7982 (Factory Default)**

Command = **USRS** (Set User PIN Code)

Parameter 1 =**1** (For User 1)

Parameter 2 =**1234** (New User PIN Code)

Parameter 3 = blank (No User Name)

Parameter 4 =**1** (Latch Report On)

The final SMS message is: **PROG 7982 USRS:1,1234,,1**

- **SMS Confirmation Message**

When the Control Panel receives a SMS Command, if the command is valid, the Control Panel will execute the action and send back a SMS message to the sender to confirm. The SMS Confimation Message format is: (**Command**)**:OK**. If the command is invalid, the SMS Confirmation Message format is: (**Command**)**:ERROR**

Ex: If the SMS Command = **PROG 7982 USRS:1,1234,JOHN**

Successful: The SMS Confirmation Message = **USRS:OK**

Error: The SMS Confirmation Message = **USRS:ERROR**

- **SMS Command Table**

Command	Comment	Example & Descriptions
ECHO	Test panel	**PROG 7982 ECHO:**
USRS	Change user PIN code setting	**PROG 7982 USRS:1,1,1234,user,1** Parameter 1: Enter **1** Parameter 2: User ID **1~10** = User PIN Code# **95** = Guard Code **96** = Master Code **97** = Temp Code **98** = Duress Code **99** = Installer Code Parameter 3: 4-digit PIN code Parameter 4: User name Parameter 5: Latch report, **0 = No, 1 = Yes**
USRD	Delete user	**PROG 7982 USRD:1,2** Parameter 1: Enter **1** Parameter 2: User PIN Code # (**2~10)** **<Note:>** You cannot delete User 1 or special users
RPEX	Change report setting	**PROG 7982 RPEX:1,1,0,gsm://1234@0234567890** Parameter 1: Report Destination # (**1~8**) Parameter 2: Report group assigned (**1~5**) Parameter 3: Report level. **0** = All **1** = Alarm **2** = Status Parameter 4: Report destination
VRPT	Change voice report setting	**PROG 7982 VRPT:** 1,80,1,1,0987654321,5 Parameter 1: Follow-on function (**0=disable, 1=enable**) Parameter 2: leave blank Parameter 3: Hands-free function (**0=disable, 1=enable**) Parameter 4: Callback timer in minutes (**0**~**10**, **-1** = unlimited) Parameter 5: Service call telephone number Parameter 6: Two-way Timer in minutes (**1**~**5, -1** = unlimited)
DEAN	Add device by RF ID code	**PROG 7982 DEAN:1,1,0123456789,name** Parameter 1: Enter **1** Parameter 2: Zone number (**1~40**) Parameter 3: RF ID code in hex string, **10** or **14** digit length Parameter 4: Device name
DEED	Change device setting	**PROG 7982 DEED:1,1,,,name,01,0,00,0** Parameter 1: Enter **1** Parameter 2: Zone number (**1~40**) Parameter 3: leave blank Parameter 4: New zone number (**1~40**), leave blank if unchanged Parameter 5: Device name Parameter 6: Device Setting in bitwise hex string BIT0_1 = Permanent Bypass BIT0_2 = Latch Report BIT0_5 = Always On BIT0_6 = Normal Open BIT0_7 = Normal Open Parameter 7: Attribute **1** = Perimeter **2** = Interior **5** = Home Delay **6** = Perimeter, Follower **7** = Interior, Follower

		8 = Entry1 **9** = Interior with Delay **10** = 24 Hours **11** = Fire **12** = Medical Emergency **13** = Water **14** = Set/Unset **15** = Silent Panic **16** = Personal Attack **17** = Trigger Scene **18** = Silent Burglar **19** = Entry2 Parameter 8: PSS groups in bitwise hex string, BIT1 to BIT8 for Group 1~8, keep blank for non-PSS devices. Parameter 9: Trigger Scene number (**0**,**100**~**109**,**0=disable, 100=Scene 1, 109 = Scene 2…etc**)
DEDL	Remove Device	**PROG 7982 DEVD:1,3** Parameter 1: Enter **1** Parameter 2: Zone number (**1~40**)
DEBP	Temporary Bypass Zone	**PROG 7982 DEBP:1,2,1** Parameter 1: Enter **1** Parameter 2: Zone number (**1~40**) Parameter 3: **0=Normal**, **1=Bypass**
PSSW	Switch on/off PSS	**PROG 7982 PSSW:1,1,1,10** Parameter 1: Enter **1** Parameter 2: Zone number (**1~40)** Parameter 3: Action **0=Off**, **1=On**, **2=Toggle** Parameter 4: Period in minutes (**0~1440**, **0=always**)
PSSG	Switch on/off PSS group	**PROG 7982 PSSG:1,1,10** Parameter 1: PSS group (**1~8**) Parameter 2: Switch type, **0=Off**, **1=On** Parameter 3: Period in minutes (**0~1440**, **0=always**)
PSDM	Switch dimmer	**PROG 7982 PSDM:1,1,80** Parameter 1: Enter **1** Parameter 2: Zone number (**1~40**) Parameter 3: Switch level (**0,10,20,30~100**)
RQMD	Request media	**PROG 7982 RQMD:1,3** Parameter 1: Enter **1** Parameter 2: Zone number (**1~40**)
SYSS	Change system settings	**PROG 7982 SYSS:5,1,720,60,,PROG,10000,-10000** Parameter 1: AC fail timer in minutes (**0~60, 0=disable**) Parameter 2: Jamming report (**0=disable, 1=enable**) Parameter 3: Auto check-in report interval in minutes (**0~1440, 0=disable)** Parameter 4: Auto check-in report offset in minutes (**1~720**) Parameter 5: Keyword Parameter 6: P-word Parameter 7: High temperature in 100x ℃ (**-1000 ~ 5000, 10000=disable**), ex: 1234=12.34℃ Parameter 8: Low temperature in 100x ℃(**-1000 ~ 5000, -10000=disable**), ex: 1234=12.34℃ Parameter 9: Bypass GSM/IP fault (**0=disable,1=IP,2=GSM**) Parameter 10: Quick Key (**0=disable, 1=enable**) Parameter 11: External Tamper (**0=disable, 1=enable**)
DTZS	Change panel date & time	**PROG 7982 DTZS:2013/3/22_12:05:09,0** Parameter 1: Date & time, format: YYYY/M/D_h:m:s Parameter 2: Timezone **0** = UTC **1** = Los Angeles **2** = Denver **3** = Chicago

		4 = New York **5** = Moncton **6** = London **7** = Paris **8** = Istanbul **9** = Moscow **10** = Taipei **11** = Tokyo **12** = Sydney **13** = Auckland **14** = Adelaide **15** = Brisbane **16** = Darwin
REST	Reboot panel	**PROG 7982 REST:5** Parameter 1: Delay time in second (1~5)
FTRS	Reset panel to factory default	**PROG 7982 FTRS:0,0** Parameter 1: Network settings, **0=reset, 1=keep** Parameter 2: Device settings, **0=reset, 1=keep**
ARAS	Change area setting	**PROG 7982 ARAS:1,720,0,0,0,3** Parameter 1: Enter **1** Parameter 2: Supervision timer in minutes **0~1440, 0=Disable** Parameter 3: Final door **0=Disable, 1=Enable** Parameter 4: Arm fault type **0=Confirm, 1=Direct** Parameter 5: Tamper alarm type **0=Full Arm Only, 1=Always** Parameter 6: Alarm length in minutes **0~15, 0=Disable**
ATMR	Change area timer setting	**PROG 7982 ATMR:1,10,10,,,30,30,,,10,10** Parameter 1: Enter **1** Parameter 2: Away entry1 timer in seconds (**0~70**) Parameter 3: Home entry1 timer in seconds (**0~70**) Parameter 4: keep blank Parameter 5: keep blank Parameter 6: Away exit timer in seconds (**0~70**) Parameter 7: Home exit timer in seconds (**0~70**) Parameter 8: keep blank Parameter 9: keep blank Parameter 10: Away entry2 timer in seconds (**0~70**) Parameter 11: Home entry2 timer in seconds (**0~70**)
ASND	Change area sound setting	**PROG 7982 ASND:1,2,2,2,2,2,2** Parameter 1: Enter **1** Parameter 2: Door chime sound, **0=Silent, 1=Low, 2=Medium, 3=High** Parameter 3: Away entry sound, **0=Silent, 1=Low, 2=Medium, 3=High** Parameter 4: Home entry sound, **0=Silent, 1=Low, 2=Medium, 3=High** Parameter 5: Away exit sound, **0=Silent, 1=Low, 2=Medium, 3=High** Parameter 6: Home exit sound, **0=Silent, 1=Low, 2=Medium, 3=High** Parameter 7: Warning beep sound, **0=Silent, 1=Low, 2=Medium, 3=High**
NWCF	Change network configuration	**PROG 7982 NWCF:1,192.168.0.1,255.255.255.0,192.168.0.254,192.168.0.101** Parameter 1: DHCP or static IP, 0=static IP, 1=DHCP Parameter 2: IP address for static IP, enter 0 if DHCP is selected Parameter 3: Subnet mask for static IP, enter 0 if DHCP is selected Parameter 4: Gateway for static IP, enter 0 if DHCP is selected Parameter 5: DNS for static IP, enter 0 if DHCP is selected
NTPS	Change SNTP configuration	**PROG 7982 NTPS:240,pool.ntp.org** Parameter 1: sync internal in minutes (240~1440) Parameter 2: SNTP server, disable if empty
SMTP	Change SMTP setting	**PROG 7982** **SMTP:smtp://user:password@msa.hinet.net,user@example.com** Parameter 1: SMTP server URL Parameter 2: SMTP sender from

WBSC	Change web username / password	**PROG 7982 WBSC:admin,admin1234** Parameter 1: Web username Parameter 2: Password
XMPP	Change XMPP setting	**PROG 7982 XMPP:xmpp://user:password@192.168.0.190:5222,domain,admin,40** Parameter 1: XMPP server URL Parameter 2: XMPP server domain Parameter 3: Buddy list Parameter 4: Ping interval in seconds (**10~60**)
GAPN	Change GPRS APN setting	**PROG 7982 GAPN:internet,,** Parameter 1: GPRS APN Parameter 2: GPRS user name Parameter 3: GPRS password
RSTG	Reset GSM	**PROG 7982 RSTG:**
UPLD	Change media upload setting	**PROG 7982 UPLD:1,http://192.168.0.190:8080/upload/up-post.php** Parameter 1: Upload destination (**1~5**) Parameter 2: Upload destination URL
UPPF	Change media upload prefix	**PROG 7982 UPPF:1234** Parameter 1: Media upload prefix
FMUG	Panel Firmware Upgrade	**PROG 7982 FMUG:http://192.168.0.190:8080/firmware/upgrade.bin** Parameter 1: URL to download firmware
HAAS	Apply home automation scene	**PROG 7982 HAAS:1** Parameter 1: Scene Number (**1~10**)
CHPS	Connect to Home Portal Server for 30 mins	**PROG 7982 CHPS:**

5.3. Control Panel Mode and Response Table

For Alarm Activation by Events and Control Panel Responses, please refer to the following table:

Attribute	System Mode / Status					
	Disarm Mode	Away Mode	Home Mode	Under Exit Timer	Under Away Entry Timer	Under Home Entry Timer
Perimeter	No Response (Door Chime)	Instant Burglar Alarm	Instant Burglar Alarm	Instant Burglar Alarm	Instant Burglar Alarm	Instant Burglar Alarm
Perimeter, Follower	No Response (Door Chime)	Instant Burglar Alarm	Instant Burglar Alarm	No Response	Delayed Burglar Alarm	Delayed Burglar Alarm
Interior, Follower	No Response (Door Chime)	Instant Burglar Alarm	No Response	No Response	Delayed Burglar Alarm	No Response
Interior	No Response (Door Chime)	Instant Burglar Alarm	No Response	No Response	Instant Burglar Alarm	No Response
Entry 1	No Response (Door Chime)	Start Entry 1 Delay	Start Entry 1 Delay	No Response	Delayed Burglar Alarm	Delayed Burglar Alarm
Entry 2	No Response (Door Chime)	Start Entry 2 Delay	Start Entry 2 Delay	No Response	Delayed Burglar Alarm	Delayed Burglar Alarm
Home/Delay)	No Response (Door Chime)	Instant Burglar Alarm	Start Entry 1 Delay	No Response	Delayed Burglar Alarm	Delayed Burglar Alarm
Interior with Delay	No Response (Door Chime)	Start Entry 1 Delay	No	No Response	Delayed Burglar Alarm	No Response
Silent Burglar	No	Instant Silent Burglar Alarm	Instant Silent Burglar Alarm	Instant Silent Burglar Alarm	Instant Silent Burglar Alarm	Instant Silent Burglar Alarm
Burglar Outdoor	No Response	Instant Burglar Outdoor Alarm	Instant Burglar Outdoor Alarm	No Response	Instant Burglar Outdoor Alarm	Instant Burglar Outdoor Alarm
24-Hour	Alarm	Alarm	Alarm	Alarm	Alarm	Alarm
Set/Unset	Away / Disarm	Away / Disarm	Away / Disarm	Away / Disarm	Away / Disarm	Away / Disarm
Trigger Scene	Trigger Scene Number	Trigger Scene Number	Trigger Scene Number	Trigger Scene Number	Trigger Scene Number	Trigger Scene Number

Fire	Instant Fire Alarm	Instant Fire Alarm	Instant Fire Alarm	Instant Fire Alarm	Instant Fire Alarm	Instant Fire Alarm
Water	Instant Water Alarm	Instant Water Alarm	Instant Water Alarm	Instant Water Alarm	Instant Water Alarm	Instant Water Alarm
Medical Emergency	Instant Medical Alarm	Instant Medical Alarm	Instant Medical Alarm	Instant Medical Alarm	Instant Medical Alarm	Instant Medical Alarm
Silent Panic	Instant Silent Panic Alarm	Instant Silent Panic Alarm	Instant Silent Panic Alarm	Instant Silent Panic Alarm	Instant Silent Panic Alarm	Instant Silent Panic Alarm
Personal Attack	Instant Panic Alarm	Instant Panic Alarm	Instant Panic Alarm	Instant Panic Alarm	Instant Panic Alarm	Instant Panic Alarm

<NOTE>

- ☞ "**Delayed Burglar Alarm**" reponse means the Control Panel will wait for the Entry Time to expire. If the Enty Time expires without disarming the system, the Control Panel will activate a Burglar Alarm after Entry Time expiry.
- ☞ **"Silent Burglar Alarm"** and "**Burglar Outdoor Alarm**" does not activate any audible alarm. The Control Panel will report the alarm event silently without any warning sound.

5.4. Event Code

- **100 – Medical**
- **101 – Personal emergency**
  - When the Wrist Transmitter / Emergency Pendant (WTR) is pressed.
- **102 – Inactive**
- **110 – Fire**
- **111 – Smoke**
  - When the Smoke Detector (SD) is triggered.
- **114 – Heat**
  - When the Heat Detector (HD) is triggered.
- **120 – Panic**
  - When the Panic Button of the Remote Controller (RC) is pressed.
- **121 – Duress**
  - When the Duress Code is entered to disarm or arm the system.
- **122 – Silent Panic**
  - When the panic button on a Remote Controller (RC) set to silent panic is pressed.
- **130 – Burglar**
  - When an Instant Burglar Alarm is triggered
  - When an Instant Silent Burglar Alarm is triggered
- **131 – Burglar Perimeter**
  - When Entry Time is triggered under Away Arm mode and the timer expires without disarming the system.
  - When a Delay Burglar Alarm device is triggered during Away Entry Time and the timer expires without disarming the system.
- **132 – Burglar Interior**
  - When Entry Time is triggered under Home Arm mode and the timer expires without disarming the system.
  - When a Delay Burglar Alarm device is triggered during Home Entry Time and the timer expires without disarming the system.
- **133 – 24 Hours**
  - When a device set as **24 Hour** is triggered.
- **136 – Burglar Outdoor**
  - When a Burglar Outdoor Alarm is triggered.
- **137 – Panel Tamper**
  - When the Control Panel tamper switch is triggered.
- **139 – Verification / Alarm Confirmation**
- **147 – Sensor Supervisor Failure**
  - When the Control Panel fails to receive the signal transmitted from any one of the devices individually for a preset period.
- **151 – Gas**
- **154 – Water leakage**
  - When a Water Sensor or Door Contact set as **Wate**r is triggered.
- **158 – High Temperature**
  - When the temperature exceeds High Temperature setting.
- **159 – Low Temperature**
  - When the temperature drops below Low Temperature setting.
- **162 – CO detector**
- **302 – Low Battery**
  - When the battery voltage of the Panel and any one of the devices is low.
- **311 – Panel Battery Missing/Dead**
  - When the Control Panel Battery is missing or disconnected.
- **344 – Interference**
- **374 – Arm with Fault**
  - When fault exists in system, and the system is armed by confirming the arm action. (Arm Fault Type set to Confirm.)
- **380 – Device AC Failure**
  - When an AC power accessory device loses the AC power connection.
- **383 – Device Tamper**
  - When a device's tamper switch is triggered.

- **384 – Device Low Battery**
  - When a device's is under low battery.
- **389 – Self Test Failure**
- **400 – Arm/Disarm (by Remote Controller)**
  - When the system is armed or disarmed by using the Remote Controller.
- **401 – Arm/Disarm by Panel**
  - When the system is armed or disarmed by entering the PIN code.
- **408 – Set/Unset Disarm**
- **407 – Disarm/Away Arm/Home Arm by Remote Keypad**
- **465 – Alarm Reset**
- **570 – Zone Bypass**
  - When fault exists in system, and the system is armed by ignoring the fault event. (Arm Fault Type set to Direct Arm)
- **601 – Test report**
  - When the Control Panel sends a Test report
- **602 – Periodic test report & Battery level**
  - When Control Panel makes periodic Check-in reporting.
  - Battery level
- **606 - Follow-On Function**
  - When Control Panel reports to CMS to request opening Two-way communication channel.