FC-7688 USER MANUAL



Read this instruction thoroughly before installation and use of this device.

P/N: 20170920A02



Warning: Please insert SIM card before installation, then power on.

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Foreword

FC-7688 is a intelligent alarm control system which integrated with burglarproof, fireproof, gas leak proof. It is compatible with wired and wireless alarm mode.

FC-7688 refers to the most advanced coding technologies of BUS zone and multi-bit random code-hopping technologies in security & reliability, to avoid false alarm and interference effectively. FC-7688 support SIA2013 and CID protocol. This system is widely used in residence community, villa, shops, offices. More information please careful read the user manual.

Warning:

* Don't disassemble or modify, or else maybe lead to danger and the damage of panel

※Don't put other things into the panel, metal, water and combustible materials easily cause short circuit or fire.

- % Be sure not to cause to break by failing or throwing down or strong impacting.
- XNot install near the magnetic field, may cause instability.
- %Keep dry and clean. Don't install the panel in the site which has oily fume, water-vapour, much poudre.
- ※Be keep out of sun and heat. Don't install the panel near the heating stove etc. high temperature equipment, such as spotlight. Keep out of the direct sunlight, may cause color fading. When cleaning, wipe with the mull. To remove dirt need to use detergent.
- * Don't use gasoline or paint thinner etc. chemicals. or else may cause danger or the paint scaled off the panel.

Features

- ★Can set 4 separate area, 32 wireless zone, 8 wired zone, 88 bus zone expandable. Totally support 128 zones.
- ★Support 1 admin password, 1 master user password, 32 user password, WEB log-in password.
- ★Support 8 remotes, 4 bidirectional wireless keypad, 8 wired keypad.
- ★Support 2 network CMS platform, 2 CMS phone #. Can set backup mode , both-report mode.
- ★Support 4 follow-me phone # for voice phone call and SMS message ★Support APP remote control.

Timing arm and disarm: 2 groups of time arm and disarm time, you can assign any one or several partitions effective;

LED instruction of CMS network

LED OFF—Network disconnect

Slow flash—GPRS connected or LAN network disconnected. The flash speed under LAN NETWORK off is slower than GPRS connect.

Quick flash: internet connect

Insert SIM card:

The telephone card is Micro SIM (small card), network support mobile (GSM), China Unicom (GSM), does not support telecommunications (CDMA). Inserted at the corner of the corner, with a magnetic side of the face down insert.

Note that the SIM card is fully inserted into the card slot to automatically lock (that is not automatically pop up), lock will be "tick" sound, SIM card inserted and then boot to register the network.



Remote phone control



Take alarm call from alarm panel

The alarm panel will call the user when alarm happens. see below diagram.



Remote control by GSM

User call the phone# of the simcard which insert in the FC-7688. Pick up the call, enter user password 1234. Then you will hear voice guidance :

Please select:

Press 1 to arm area

Press 2 to disarm area

Press 3 to stay area

Press 4 to check area status

Press 0 to hang up

GSM alarm phone call pick up

When alarm happens, the simcard in the alarm panel call the follow-me phone #. You will hear the below voice guidance:

Press 1 to cancel alarm Press 2 to inquiry alarm event Press 3 to arm area Press 4 to disarm area

Press 5 to stav area

Press 6 to enable siren

Press 7 to disable siren

Press 0 to hang up

GSM SMS remote control

Arm command:

Enter the sms command on phone #PASSWORD:1234#ARMED AREAX(X=1--4) Disarm command:

Enter the sms command on phone #PASSWORD:1234#DISARMAREAX(X=1--4) Stay arm command:

Enter the sms command on phone #PASSWORD:1234#STAY AREA X(X=1--4)

Note: X is the area #, from 1 to 4. Default use password 1234(no space). You will receive a reply sms message if the panel accept and proceed your SMS command.



Support 8 keypad. Pls scan and add keypad after repower the alarm panel. The keypad will not work if add without repower the alarm panel, in this case, you can re-scan to add the keypad on a keypad which already work by the command admin PW[012345]*9#. Each keypad is with a different address. The first time connect the keypad, it will display fault event. Like battery problem, network problem etc.., you can choose the event to display on WEB MENU.

Common operation

Default admin password is 012345, main user password is 1234 Enter admin program menu:[012345]+ +[0]+ # Alarm event: Press to inquiry under standby status Enter bypass zone: [1234]+ C Once a zone is bypassed, the keyboard displays the bypassed zone. You Can only bypass the zone in the area which control this this password. At the same time only allow ONE keyboard to enter the bypass settings. However, if you enter a higher privilege request, it will exit the bypass setting if you enter the system settings.

7601 bus zone expand module



1.FC-7601 is DIP-type single address code zone module, the resistance is 10K

- 2. The module extends the address range 1-128.
- 3. Wiring: Red DC+, Brown DC-, Yellow RS487a, White RS487B, Green(ZONE TEST), Brown Cable IS GND.
- 4.WORK VOLTAGE: dc8.5-24v
- 5.DIP 1, tamper checking switch, ON tamper checking on, OFF tamper checking off 2-8 address code. OFF enable, ON disable. Count by Binary. Example address 18, set DIP 4 and 8 OFF, All address plus 1. See the above diagarame.
- 6. To FC-7688, the zone # is address # plus 40. Example address 18, its zone # is 58
- 7.Bus zone 41-128 is disable as default.pls enable it before using.



Arm/Disarm alarm panel



The code of different ARM/DISARM operation. BY remote, 8 remote code is 141-148 By user password, 16 user password is 01-32 By phone call, 4 follow me phone #is 160-164 By CMS platform, code is 150 By arm/disarm schedule or key zone: code is 165 By WEB IE menu, code is 155 By Phone APP,code is 166 Unknown 90

Duress password

Duress password:

- 1 . user password/admin password+(AREA)+[0]+(ARM)/(DISARM)/(STAY)
- 2. user password/admin password+[0]+(ARM)/(DISARM)/(STAY)

When you enter the duress password, you will trigger an duress alarm. If enter duress password When the system is under arm status, keypad will display system is disarmed, stop siren but send alarm info and alarm call. (pls set the CMS phone # and follow me phone #)

Example, A arm the system, B enter the area and trigger alarm, B threaten A disarm the system. A enter the duress password. The alarm panel will show disarm status but will send alarm info can call.



Alarm procedure



System maintance

PIs make the below test before installation. Commutation test: main user password+*1#; battery test: main user password+*2#. Siren test: main user password+*3# Walk test: main user password+*4# (disarm all area before start walk test)

1) Communication test: test the communication between alarm panel and CMS.

2)Battery test

You can not start the alarm panel with only battery connect. But trigger the battery by AC power first. One battery test take about 4 mins, so, it will take at least 5 hours to report battery recover. When AC power is normal, battery test proceed every 24 hours. If battery disconnect, it will test battery every 10 mins. When battery voltage is low, it will test battery every 60mins. When AC power trouble, it will test battery every one minute.

3) Siren test: test the communication between siren and alarm panel

I. System Setting



Note: only in disarm status, user can do system setting.

1.Set system password

The central panel has one admin password, one main user password, 32 user password and Web login password. password can control one or more system area.

The password's right on keypad is decided by the system area the password can control and the system area the keypad can control. For example:

If user sets password No. 6 can control area 1, 2, 3, the keypad No. 5 can control area 3,4.

Then the user can only control area 3 on keypad No. 5 via password No. 6

1.1 Set admin password

Admin password has the highest authority. E.g, set admin password as 55555





Tips: if forget admin password or web login password, please follow: Power off the central panel, and power on again, within 60s, enter 000000 as password to operate and set new password.

- 1.2 Set main user password Please refer to user setting I
- 1.3 Set user password
 - E.g Set user password no. 03 as 0000



2.Set system network



2.1 Set DHCP

User can choose to enable or disable DHCP function.Eg. Enable DHCP function



2.2 Set IP

Factory default IP: 192.168.1.200

Tips : If DHCP is enabled, then it is not able to set IP here.

E.g. Set IP as "192.168.1.81", we need to enter "192168001081" in the keypad. User need to add "0" to make 3 digits if not enough. After set, please power off the central panel and restart to make the IP effective.



+ [192168002001] + #

The keypad will beep twice to confirm it has been changed, the keypad will return
to previous setting.Press Exist) + Exist) + # back to standby interface.

2.4 Set subnet mask

E.g. Set subnet mask as 255.255.255.0



3. Set CMS

CMS means central monitoring service, which is usually provided by security company with extra service cost.



3.1 Phone alarm platform



3.1.1Set CMS line 1

When alarm is triggered, the central panel will dial CMS telephone No to inform the central monitor server. It can support to set 18 digits maximum. E.g. Set Set CMS line as 800012345

$$[012345] + + [0] + # + [3] + # + # + #$$

$$(CMS Phone no.:) + [80012345] + #$$

$$(CMS Phone no.:) + [80012345] + #$$

$$(CMS Phone no.:) + [Exist] + Exist] + Exist + # back to stand by interface.$$

$$(CMS user no.) + Exist + Exist + # back to stand by unterface.$$

$$(CMS user no.) + [0001] + # + [3] + # + [3] + # + [3] + #$$

$$(CMS user no.:) + [0001] + #$$

LCD display The keypad will beep twice to confirm it has been set, the keypad will return to previous setting.Press Exist + Exist + Exist + H back to stand by interface.

3.1.4 Set CMS Dial times (01-10)

When alarm happens, the device will dial the CMS telephone no.1 and no. 2 at the same time, the dial times in factory default is 5 times. if the call is still not answered after 5 times, it will stop to dial out.E.g. Set dial times as 8 times.

3.2 Network alarm platform



3.2.1 Set CMS server IP Set CMS IP as 014.152.090.065



3.2.2 Set CMS server port Factory default port: 7974 E.g. Set server port as 6598

$$[012345] + + [0] + # + [3] + # + [2] + # + [2] + #$$

$$\rightarrow \underbrace{\text{Server port: } 07974}_{(00001 - -65535)} + [06598] + #$$

$$\underbrace{\text{LCD display}}$$
The keypad will beep twice to confirm it has been set, the keypad will return to previous setting.Press Exist + Exist + Exist + # back to standby interface.

3.2.3 Set CMS register ID and password CMS register ID and password are provided by the CMS operator. User can search the CMS register ID and password as below :



The query CMS password is the same as the registration ID.

4.Set voice phone



4.1 Set voice phone No.

When alarm happens, the device will dial to user's phone no. Automatically. It can set 4 phone no maximum, each phone no. supports 18 digits maximum. E.g. Set voice phone no.2 as 88776655



4.2 Voice phone dial times Factory default: 5 times E.g. Set dial times as 6



5. Set system options



5.1 Set system time

E.g. Set system time as Oct, 1st, 2017 23:59:59

[012345] + 🖈]+[0]+ #)+ [5] + 🤇 # # Enter system time + [17 10 01 23 59 59] + # 2011-01-01 12: 00: 30 YMDHMinS LCD display The keypad will beep twice to confirm it has been set, the keypad will return to previous setting.Press (Exist) + (Exist) + # back to standby interface.

5.2 Set enter delay

When alarm happens from delay zone, the device will delay to alarm for 30s in factory default.E.g. Set enter delay time as 20s.

$$[012345] + + [0] + # + [5] + # + [2] + #$$

$$\rightarrow Enter delay time: 030 \\ (000--255)S \\ LCD display$$
The keypad will beep twice to confirm it has been set, the keypad will return to previous setting.Press Exist + Exist + # back to standby interface.

5.3 Set exit delay

Factory default time: 3s

It means, when user arms the system, it can not be valid at once, but only after 3s ,the system will enter into arm status. The delay time can leave the user enough time to leave the house without triggering the system.E.g. Set exit delay time as 20s

5.4 Set bell time

Factory default: 300s(5min) .E.g. Set bell time as 600s(15min)



5.5 Set force arm

Factory default: disable

When there is zone fault, user will be not able to arm the device. But if set force arm, it is OK to arm, at the same time, the zone in fault will be bypassed with SMS or CMS report. E.g. Enable force arm

5.6 Set emergency sound

Factory default: mute

E.g. Set emergency alarm tone as ring



5.7 Set AC off report delay

Factory default: 30min

It means the time when AC off, the device will delay 30min to report to CMS about AC off.E.g. Set AC off report delay time as 5min

$$[012345] + + [0] + # + [5] + # + [7] + #$$

$$\rightarrow \underbrace{AC \text{ off report delay:} 030}_{(000--999)M \text{ Odisable}} + [005] + #$$

$$LCD \text{ display}$$
The keypad will beep twice to confirm it has been set, the keypad will return to previous setting.Press Exist + Exist + # back to standby interface.

5.8 Door sensor check

When the door sensor is open, the panel will display zone trouble(default value is disable), example: set door sensor check to be enable.

5.9 detector loss check: default value is 00 disable Example: set detector loss check time is every 4 hours

$$[012345] + + [0] + # + [5] + # + [9] + #$$

$$\rightarrow Detector loss check: 0 + [04] + #$$

$$LCD display$$
The keypad will beep twice to confirm it has been set, the keypad will return to previous setting.Press Exist + Exist + # back to standby interface.

Note: wireless detector send status report is every 3 hours, if the panel do not receive the report or alarming information, the detector will be regarded as loss. Recommended sensor loss check time is every 4 hours or above.

6. Set wireless devices



6.1.1 Enroll remote

Example: enroll remote to the #2 remote in alarm panel



6.1.2 Enter remote code

Example: manually enter the address code of remote 226016063 to be #3 remote in alarm panel



6.1.3 Delete remote Example: delete #3 remote [012345] + 🗶 +[0]+ # + [6] + # # +[3]+ # + Enter remote: 1 Delete device? # + [3] + (1--8) 0Delete all LCD display LCD display # The keypad will beep twice to confirm it has been set, the keypad will return to # previous setting.Press Exist + Exist + Exist + back to standby interface. Note: enter 0 to delete all remotes 6.2 Set wireless detector



6.2.1 Enroll detector

Example: enroll detector to #2 detector in the alarm panel



6.2.2 Enter detector code

Example: manually enter the address code of detector 129110107 to be #3 detector in alarm panel



6.2.3 Delete detector



6.3 Set wireless siren

$$[012345] + + [0] + \# + [6] + \# + [3] + \# \rightarrow + 1)$$
Enroll siren
$$(012345] + + [0] + \# + [6] + \# + [3] + \# \rightarrow + 2)$$
Delete siren

Note: the keypad will display fault if not connecting the wired siren. User could connect 2.2k eol resistor at bell terminal if without wired sirens.

6.3.1 Enroll siren

Example: enroll siren to #2 siren in the alarm panel





6.3.2 Delete siren Example: delete #3 siren



7. Set system zone

The zone can be assigned to one or more areas

The common zones will not set off alarm if one of the assigned area is disarmed



When the common zones set off alarm, all users in related areas will receive notifications.

Expanded zone number is from no.40 on, expanded zones for bus zones only.

Zone names editable. New edited names will be display on keypad and sms text notifications.

7.1 Set system zone

The options of zone types as below

0>disable 1>delav 2>perimeter 3>interior 5>24h 6>fire 7>Water sensor 4>emergency Zone Interior Delay Perimeter 24Hours Emergeny Fire Alarm Disable attributions Away Arm \checkmark \checkmark \checkmark \checkmark \checkmark \checkmark X \checkmark \checkmark Home Arm \checkmark \checkmark \checkmark X X Х Х Х \checkmark X Disarm \checkmark 1. " \checkmark " means the hub will give alarms is triggered.

2. " \times " means the hub will not give alarms when the type of the alarm is triggered.

Example: Set Zone 8 to be fire zone.



7.2 Set zone siren: default value to be cont(constant). Pul(pulse) and mute for option .Example: set zone 108 siren type to be pulse



8. Set system area



Total 4 areas, the zones can be assigned to one or more areas. If the zones are assigned to more areas, the zones are common zones.

The common zones will not set off alarm if one of the assigned area is disarmed. The common zones will only set off alarm when all the assigned areas are armed.

The keypad, remote and voice number can be set to manage one or more areas.

Area 1 is master area, all event logs will report to area 1 only, user can enter system setting when area 1 is disarmed.



8.1 Password area(default value is area 1)

1 user password can manage 1~4 area, example: set password 1 to manage area 1 and area 3 $\,$



Note: Y--enable N--disable

8.2 Keypad area (default value is area 1)

The keypad only display the assigned area information. Example: set keypad 1 to mange area 2



8.3 Remote area(default value is all areas) Example: set remote 1 to manage area 3.



9.Other settings

Without voice prompt, programme address and the corresponding options as below:

001–System Language Settings 002– Ring Times 003–Communication Test Time 004–Telephone Line Test		917–Wireless Detector Loss 918–System Programming Changed 919–System Arm Failed 920–Communication Testing	5 5 5 5
006 Arm/Disarm Siron Short Sound	Tono	921-Zone Bypass	5
007 CMS Heartheat Time	Ione	922–System Communication Recovery	5
007-CMS Healtbeat Time		923–System Communication Recovery	0
		924-Zone Bypass Recovery	0
009 – Linit of Alarm	7	925–System Communication Recovery	0
900-Delay Alalin	7	920-Zone Loop Faulty	0
901–Perimeter Alarm	4	927–Zone Loop Recovery	0
902–Interior Alarm	_	928–Siren Faulty	1
903–24 Hour Alarm	7	929–Siren Recovery	7
904–Emergency Alarm	7	930–Hijacking Alarm	7
905–Fire Alarm	7	931–Delay Recovery	0
906-SOS	7	932–Perimeter Recovery	0
907–Tamper Alarm	7	933–Interior Recovery	0
908–System Arm	5	934–Emergency Recovery	0
909–System Disarm	5	935–24 Hour Recovery	0
910-Armed Stay	5	936–Fire Alarm Recovery	0
911-System Low Battery	5	937–Emergency Recovery	0
912-System AC Loss	5	938–Tamper Recovery	0
913-System AC Recovery	5	939–Wireless Detector Recoverv	0
914–Alarm Cancel	5	940-Telephone Line Fault	5
915-Detector Battery Fault	5	941_Telephone Line Recovery	5
916-Detector Battery Recovery	5	900~999_SMS Setting	0
ene Letterter Battery (tobevery	Ŭ		

 001-System Language : 1. Chinese 2. English 002-Ring Times (the default setting is 7 times) : set value 00-15. 003-Communication Test Time: set value 0-999s. 004-Telephone Line Test: 1. Disable 2. Enable 005-Wireless Detector Tamper: 1. Disable 2. Enable 006-Arm/Disarm Siren Short Sound Tone: 1. No voice 2. Siren short sound 007-CMS Heartbeat Time: set value 0-9999s 008-Web Port: set value 0-65535 009-Limit of Alarming Times: 1. No limited 2. 3 Times Limited
 #900-941 Alarm Event, the value above is factory default
 Set Alarm event notification as below:

0>Do not send any info. 1>CMS ONLY 2>Voice number only 3>CNS+voice number 4>SMS ONLY 5>CMS+SMS 6>Voice number+SMS 7>CMS+Voice number+SMS

II.Web IE Introduction

Open the IE browse and input the IP address of the alarm control panel, please enter the user and password.

Default user account is admin, and password is 012345.



Open the Internet browse as below:

	-US \$ 斯			
_				TCP/IP Alarm System
	(CON)		смs Ф ^О	\bigcirc
	Remote control	Password setting	CMS	Network setting
	×	C	Î	
	System options	Voice phone	Wireless device	Zone setting
	MA		-	3
	RFID setting	Event log	Remote upgrade	System reboot
	Â		C	
	Alert setting	Email setting	Time setting	Smart home
		Copyright © 2016 1	Technology, Inc.	

Note: Web IE Settings currently do not support RFID setting, Email setting and Smart home.

1.Remote Control

Press the remote control icon 🔗 to enter below interface.

1.1 System area status: After selecting the system area status, the system prompts that the operation is succeessful.

System area status	
System area 1:	Area disarm 💌
System area 2:	Area arm Area disarm
System area 3 :	Area stay Cancel alarm
System area 4 :	Area disarm 👻

1.2 System zone bypass: System default zone number 1-128, totally 128 zones. Enter the zone number in the middle input field. In the right zone option, you can choose the zone bypass or cancel bypass.

System zone bypass	
Zone 001-128:	Zone bypass 💌
	Zone bypass Cancel bypass

1.3 System status: After the success of zone bypass setting, you can check the current system status in the system status.

System status					
Number	Zone/System /Area	Status / Event			
1	System	AC power normal			
2	System	Battery fault			
3	System	Network normal			
4	System	GSM module fault			
5	System	Telephone line fault			
6	System	Siren fault			
7	System	CMS network platform fault			
8	System	CMS phone platform normal			
9	System	FLASH CRC check normal			

2.Password Setting

Press the password setting icon 🦰 to enter below interface.

2.1 WEB login password: Username and user password can be set up to 8 digits(include letters). When user changes username and password ,then clicks Save, the system will pop up the login window to log in again.

2.2 Admin password setting: Admin password is 6 digits. Master user password is 4 digits. Enter new password and click Save. The setting interface will automatically reset to blank input.

2.3 User password setting: Password is 4 digits. You can set 32 user passwords. Every user password can control 1-4 areas.For example, you can set password NO.01 to control the Area1 and Area 3.

WEB login password		
Username:	admin	
User password:		
	Save	
Admin password setting		
Installer password:	*Numbers only	
Master user password:	*Numbers only	
	Save	
User password setting		
Password No.:	•	
User password:	* Non-numeric input will delete the password	
Password permission:	Area1 Area2 Area3 Area4	
	Save	

3. CMS

Click icon $\frac{CMS}{O}$ for CMS .

3.1 Phone called alarm receiving center: When you set alarm receiving phone, enter P and the dial will pause for one second. The default times of dialing is five times. When the alarm is triggered, the panel will call the alarm receiving center. Then,the panel will dial 1-2 telephone numbers as preset. If more than 2 numbers, the panel will start with the second telephone number, then 1,2...

Phone called alarm receiving cen	ter	
Voice phone 1:		* 'P'dialing pause operator
Voice phone 2:		* 'P'dialing pause operator
User No.:	0000	
Dialing times:	5	*(1 - 15)
Communication test interval time (H):	0	*(0 - 999) 0.Do not send test report
Network called alarm receiving c	enter	
Alarm receiving server 1:	14.152.90.56	*IP address or domain name
Server 1 Port:	7974	
Server 1 registered users:	16090105	
Server 1 registered PWD:	•••••	
Alarm receiving server 2:	14.17.70.70	*IP address or domain name
Server 2 port:	7809	
Server 2 Registered users:	13828711	
Server 2 Registered PWD:	•••••	
Heart beat time(S):	20 *(1 - 9999)The maximum heartbeat time	for ethernet is 180 seconds
Message forwarding mode:	C Backup mode	Dual way mode
*Some Settings may need to restart the system to	Save	

3.2 Network called alarm receiving center: The message forwarding mode can be set to backup mode and dual way mode. On back up mode, the alarm information will upload to Server Address 1 in priority and Server Address 2 will

be backup when Server Address 1 failed.On dual way mode, The alarm information will upload both Server Address 1 and Server Address 2. After setting, click Save. Then reboot.



4. Network setting

Click 🕥 icon for setting

4.1 Device name setting: Device name can be changed.But the MAC address can not be changed.

4.2 Network setting: Check DHCP will automatically obtain the IP address, and the previous IP address is not available. The factory default IP address is 192.168.1.200. User need set IP according to local settings, can not use the same IP for several alarm panels.

4.3 Web port: The default is 80. After setting, please restart the system to take effect.

Device setting	
Device name:	MEIAN_PANEL "When enable DHCP,ping device name to find the device
MAC address:	00:00:12:91:0F:98
Network setting	
	DHCP
IP address:	192.168.7.80
Subnet mask:	255.255.255.0
Default gateway:	192.168.7.1
Preferred DNS :	202.96.128.86
Standby DNS:	8.8.8
Web port	
Web port:	80 "Need to enter the port number from browser address if default port is not 80
*vou must restart your system for the co	Save

5.System Options: Click icon 💥 to system options settings.

- 1. Entry delay is only for delay zones.
- 2. Exit delay time: User need exit within preset time after system armed.
- 3. Siren time: The alarm duration time after system alarm, default value: 5 minutes.
- 4. Ring times: User phones remotely to operate the panel and dials the phone number on the panel, default value: 15 times.
- 5. Wireless detector loss inspection: If the panel doesn't receive status signal or alarm signal within preset time, the panel will regard the detectors as loss.
- 6. AC off report delay: When system AC power cut, user can set the delay time to report to alarm receiving center, default value: 30 minutes.
- 7. Arm/disarm tone: User can enable/disable arm/disarm tone when arm/disarm system via remote controller.
- 8. Emergency alarm siren type: When alarm, the panel is mute or ring, default value is mute.
- Door contact inspection: When door/window is not well closed, the system will receive zone trouble information from door contact if enable door contact inspection. Default value: Disable.
- 10.Force arm: When enable force arm,system still can be force armed when zones are in trouble and trouble zones will be bypassed automatically and system will send bypass information to alarm receiving center.When disable force arm,system can not be armed when zones are in trouble: Disable.
- 11. Wireless detector tamper inspection: default value: enable
- 12. Zone alarm times limit: If system is triggered more than once before system disarm or cancel alarm, the system will not alarm if user set zone alarm time as 1.Default value :3 times.

System options	
Entry delay(S):	0 *(0 - 255)
Exit delay(Second):	0 *(0 - 255)
Siren time(S):	300 *(0 - 999)
Ring times:	7 *(0 - 15)Set 0, Disable this function.
Wireless detector loss inspection (Hour):	0 *(0 - 99)Set 0, disabled this function
AC off report delay(Minute):	30 *(0 - 99)Set 0, disable this function
Arm/disarm tone:	Disable -
Emergency alarm siren type:	Mute -
Door contact inspection:	Disable -
Force arm:	Disable -
Wireless detector tamper inspection:	Enable
Zone alarm times limit:	*Enable, once you arm one zone, the system will not alarm after triggering 3 times, until you arm it again.
Phone line inspection:	Disable -
	Save

13. Phone line inspection: default value: disable.

6. Alarm receiving by users (Voice Phone)

Click icon () enter into alarm receiving setting (Voice Phone).

6.1 Voice Phone: support 1-4 voice phone No.

6.2 Phone Area: Phone1/2/3/4 can remote control 1-4 areas, when there is a message coming from check mark areas. The host sends message to the voice phone No. that areas belongs to.

6.3 Phone Control Platform

Forwarding Server: offered by the operatorServer Port: 18034 (default)Device ID: automatic generation by hostLogin PWD: 09985678

ce Phone		
Phone 1:	*"P"Dial pause	
Phone 2:	*"P"Dial pause	
Phone 3:	*"P"Dial pause	
Phone 4:	*"P"Dial pause	
Dial Ring Times:	5 *(1 - 15)	
t Phone Area		
Phone 1:	🗹 Area 1 🗆 Area 2 🗖 Area 3 🗖 Area	
Phone 2:	🔽 Area 1 🗆 Area 2 🗆 Area 3 🗆 Area	
Phone 3:	🖬 Area 1 🛛 Area 2 🖓 Area 3 🖓 Area	
Phone 4:	🗹 Area 1 🗆 Area 2 🗖 Area 3 🗖 Area	
one Control Platform		
Forwarding server:	* IP or domain	
Server Port:	18034	
Device ID:	980F9112	
Login PWD:	•••••	
APP scan QR code register		
	Save	

APP Scan QR Code Register: Mobile app scan the QR code and automatic log into the correspond account.

Setting saved then making effect.



7. Wireless Devices

Click up icon 🛜 enter into wireless device setting.

7.1 Wireless Remote Controller: Input the remote ID, code and check mark the owned areas, press save button. Users can remote control the areas that remote controllers belongs to.

7.2 Wireless Detector: Input the detector ID and code, press saved.

7.3 Wireless Siren:

7.3.1 Enroll wireless siren: Please make sure the siren away from the panel within 3 meters, press the siren code and hold on, and click the Click Coding. When you hear the beep sound of siren, you need to release the siren code button. After coding successfully, pls trigger the alarm panel once firstly to check the siren if it will sound and code successfully.

Wireless Remote Controller			
remote No.(1-8):			
Remote ID:			
Remote Involved:	Area 1 Area 2 Area 3 Area 4		
	Save		
Wireless Detector			
Detector No.(01-32):			
Detector ID:			
	Save		
Wireless Siren			
Wireless siren coding:	Click Coding		
Delete dual way siren:			

7.3.2 Delete dual-way siren: Click the dual-way siren column, and choose the siren you want to delete.

8.Zone Attribution

Click up icon 🅋 enter into zone attribution.

8.1 Zone Attribution: 7 kinds of the zone type, default is disabled zone. Siren type have sustaining tone, impulsive tone and mute for options, default is sustaining tone. a zone permits itself belongs to 4 areas. Setting saved.

8.2 Keypad Area Involved: input the keypad address and check mark the keypad area involved. Setting saved.

Disabled Zone Delay Zone Perimeter Zone Interior Zone Emergency Zone 24 Hour Zone Fire Zone

Water leakage Zone

Zone Attribution	
Zone No.(001-128):	
Zone Type:	Disabled Zone -
Siren Type:	Sustaining Tone •
Zone Name:	*English Maximum fill in 31 characters
Area Involved:	□ Area 1 □ Area 2 □ Area 3 □ Area 4
	Save
Keypad Area Involved	
Keypad Address(1-8):	
Keypad Area Involved:	Area 1 Area 2 Area 3 Area 4
	Save

9.Event Log

Click up the icon interint othe event log, inquiry the areas/zones

/user system recording, host can cycle storage up to 800 event logs recording.

Number	Time	Area	Zone/User	Event
1	2004-01-24 01:26:01	1	141	System Disarm
2	2004-01-24 01:25:59	1	141	System Arm
3	2004-01-24 01:13:19	1	155	System Disarm
4	2004-01-24 01:12:56	1	155	System Arm
5	2004-01-24 01:12:33	1	155	System Disarm
6	2004-01-24 01:12:26	1	155	System Arm
7	2004-01-24 01:04:42	1	141	System Disarm
8	2004-01-24 01:04:37	1	141	System Arm
9	2004-01-24 00:19:03	1	141	System Disarm
10	2012-01-01 08:00:01	1	0	System Low Battery
11	2012-01-01 08:00:00	1	0	Siren Faulty
12	2004-01-22 19:05:54	1	155	System Arm
13	2004-01-22 19:00:19	1	141	System Disarm
14	2004-01-22 18:59:33	1	141	System Arm
15	2004-01-22 18:57:35	1	0	System Programming Changed
16	2012-01-01 08:00:01	1	0	System Low Battery
17	2012-01-01 08:00:00	1	0	Siren Faulty
18	2017-01-09 15:06:09	4	155	System Disarm
19	2017-01-09 15:05:41	4	155	System Armed Stay
20	2017-01-09 15:04:44	1	10	Zone Bypass
21	2017-01-09 15:04:14	1	155	System Disarm
22	2017-01-09 15:00:35	1	155	System Armed Stay
23	2017-01-09 15:00:32	1	155	System Disarm
24	2017-01-09 15:00:12	1	155	System Arm
25	2017-01-09 14:50:14	4	155	System Disarm

10.Remote Upgrade

Click up icon enter into the remote upgrade setting, to view the system version and hardware version, users need to download the install pack first, click "Browse" will pop up a page and then select install pack click submit. The bottom of the page there will be a red strip and percentage display during the upgrade process, do not close the page and turn off the host power, once the upgrade is completed then reboot the host device.

System version	
Web version:	V0.002
Hardware version:	V0.003
Software version:	V0.003 MEIAN_TCP Mar 27 2017 10:44:53
Web update	
Web file:	浏览 Submit
System update	
System file:	浏览 Submit

11. System Reboot

Click up the icon 🗿 starting reboot system or restore to factory default setting.

Reboot system	
Reboot system:	Reboot system
Restore to factory default	
Restore to factory default:	factory default
Delete all event logs:	Del event log
Delete all wireless devices:	Del wls device
Delete all BUS device:	Del BUS device

11.1 system reboot, press confirm to reboot system and pop-up message box that reminder users are you sure to reboot the system? If yes, press confirm, otherwise press cancel.



11.2. Set back to factory default, click factory default button and pop-up message box that reminder input the admin password. Please input the correct password and make the host restore to factory default setting.

192.168.7.80 Need some information	×
Script prompt: Please enter the administrator password and confirm again.	Determine Cancel
Please enter the administrator password	

12.Alert Setting

Click the icon <u>f</u> enter into the alert setting.

12.1 Alarm Event: 42 alarm events for options, once trigger to alarm or system in fault status, it will notice to users as preset path forwarding ways. Un-checking a checkbox will disable it. As factory default setting is checked. please click save after setting up.

Alarm Event	
Alarm event:	
	CMS
Path forwarding:	Voice Phone
	□ SMS
	Save

The panel will select the network to send the message in priority. When the network failed, GPRS will be connected to the CMS.When the Network CMS fails, the panel will send data to the CMS phone through GSM or PSTN, and the panel will choose PSTN to send the data in priority.

Host sends data can choose whether to send to user or platform, and choose what ways to send to the user, when the network fault, it will enable the GPRS and connect to the platform, when Ethernet alarm server fault, it will send data to the mobile receiving server by the GSM or PSTN way, PSTN is priority for the host choosing. As below photo.



12.2 Error Display Setting (Keypad Display): When the network cable, SIM card are not insert and in not good way, the keypad LCD will show its fault, user can check the cable and SIM card and remove the fault.Host default setting is all ticked.

Error display setting	
	System AC fault
	System battery fault
	✓ Network fault
	GSM fault
Keypad display fault:	✓ Telephone line fault
	✓ Wired siren fault
	CMS linkage fault
	CID communication fault
	Save

12.3 GSM Module and APN Setting

The setting of the SIM card access to the network, that is Sim card GPRS access point, APN account and password set by the users, If do not know the APN account and password, please consult your SIM operator.

GSM Module APN Setting		
APN Setting :		
APN User :		
APN PWD :		
	Save	
"If you don't understand the setting, please consult your SIM operator.		

13. Time Setting

Click the icon 🕑 enter into the time setting.

13.1 System Time: Input the time from the enter time input box, setting saved, the keypad LCD display the time registration. Host have the power off memory functions, the precondition is that GSM already registered to the network, and the host is given a correct time by the users.

System time	
Alarm host time:	204-2-18 20:56:14
Enter time:	2017-5-19 14:4:9
	Save

13.2 Timing Arm/Disarm: user ticks the areas that support disarm/stay arm/arm under the setting time, please click save and setting up. The system reminds you operation successful.

Timing arm/disarm			
Timing 1:	00:00	 Area disarm Area stay arm Area arm 	 Area 1 Area 2 Area 3 Area 4
Timing 2:	00:00	 Area disarm Area stay arm Area arm 	 ✓ Area 1 ✓ Area 2 ✓ Area 3 ✓ Area 4
Timing 3:	00:00	 Area disarm Area stay arm Area arm 	 Area 1 Area 2 Area 3 Area 4
Timing 4:	00:00	 Area disarm Area stay arm Area arm 	 Area 1 Area 2 Area 3 Area 4
*00:00 is an invalid time, which can be used to delete a certain timing.			

Technical Specification

General information

- 1.External AC Power supply: input 110-240V AC, output 15V DC/3A
- 2.Built in rechargeable battery:12V/7AH
- 3.Battery stand by time:16 H
- 4.Frequency:433MHz/868MHz
- 5.Signal transmit distance: 100 to 120 meters (open area)
- 6. The method of alarming dial: DTMF GSM or GPRS
- 7. Communication protocol with CMS: Ademco Contact ID
- 8.DTMF dial frequency variation:≤1.5%

Physical performance.

Operation temperature range: 0°C-45°C (32F-120F

Storage temperature range: -20°C-60°C(-4F-140F)

Relative humidity: 85% at 30°C(86F)

Regular Test

Periodic testing

Design of components of the system is to reduce maintenance cost, but still it is suggested that periodical check may be carried out.

The Cleanliness of Control Main Machine

Main control panel may be stained by fingers or covered by dust after using for a while. Use soft cotton cloth or sponge to clean it, don't use any lubricant, liquid such as kerosene, acetone and strong gel which will damage appearance and the transparency of top window.

Attention: don't use any lubricant, liquid such as kerosene, acetone and strong gel which will damage appearance and the top transparency of window.

Limitation of the Products.

Although the products is a high standard products, there is also some limitation of them such as false alarm or no alarm. The reasons may be below:

Lack of maintenance, the system needs maintenance and test regularly test the sensitive of the detector may decrease and the siren may not whistle.

Lack of power supply if no power input and the back up power is not enough, the panel can not work normally.

Telephone line false, if the telephone line is cut, the panel could not send alarm signals.

Limitation of smoke detectors, if the smoke is far from the smoke detector, the detector could not alarm.

If the intrude break in through some door or window not monitored. Or someone know how to make the system not work.

