ZONE PROGRAMMING

Add	Description	Default Zone 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
10	**Entrance zone**. Zone led on mean the zone is assigned as this type of zone.	*000 0000 0000 0000 0000
11	**Internal Delay zone**. Zone led on mean the zone is assigned as this type of zone.	0*00 0000 0000 0000 0000
12	**Internal zone**. Zone led on mean the zone is assigned as this type of zone.	0000 0000 0000 0000 0000
13	**Instant zone**. Zone led on mean the zone is assigned as this type of zone.	00** ***0 **** **** ***0
14	**24 Hour zone**. Zone led on mean the zone is assigned as this type of zone.	0000 000* 0000 0000 0000
15	**Fire zone**. Zone led on mean smoke detector is connected to this zone.	0000 0000 0000 0000 0000
16	**Silent zone**. Zone led on mean that zone will not active the siren when it is trigger. But it will still active all telephone features.	0000 0000 0000 0000 0000
17	**Normally Open zone**. Zone led on mean normally open sensor is connected to this zone.	0000 0000 0000 0000 0000
18	**Zone responds**. On mean slow respond zone and off mean fast respond zone.	0000 0000 0000 0000 0000
19	**Intelligent zone group 1**. On mean zone is program to the intelligent zone group 1.	0000 0000 0000 0000 0000
20	**Intelligent zone group 2**. On mean zone is program to the intelligent zone group 2.	0000 0000 0000 0000 0000
21	**Zone Partition 1**. On mean zone is assigned to partition 1.	**** **** **** **** ***0
22	**Zone Partition 2**. On mean zone is assigned to partition 2.	0000 0000 0000 0000 0000
23	**Auto reset zone**. On mean the zone will be restore after the bell time in [44].	**** **** **** **** ***0
24	**CMS report zone**. On mean zone trigger will report to CMS.	**** **** **** **** ***0
25	**Partition 1 user**. On mean user has access right to partition 1. (User 1 to 8 only)	**** **** **** **** ***0
26	**Partition 2 user**. On mean user has access right to partition 2. (User 1 to 8 only)	0000 0000 0000 0000 0000

Ps. Zone 20 for auto gate. When auto gate trigger, keypad buzzer on after 1 min. if not close the auto gate within 5 min, the personal call out to users.

Add	Description	Default Zone 1 2 3 4 5 6 7 8
30	**CMS reporting** Zone led 1 on mean: Report Panic. (activated keypad panic button) Zone led 2 on mean: Report Duress. (user #8 will become duress code) Zone led 3 on mean: Report Arm/Disarm. Zone led 4 on mean: Report AC Loss. Zone led 5 on mean: Report enter/exit programming mode. Zone led 6 on mean: Report telco fault. Zone led 7 on mean: Report Bypass. Zone led 8 on mean: Report Battery low.	**** ***0
31	**Communicator Setting 1** Zone led 1 on mean: Enable personal reporting. Zone led 2 on mean: Enable CMS reporting. Zone led 3 on mean: Enable progress tone monitoring on fix line. Zone led 4 on mean: Enable fix line. Zone led 5 on mean: Enable GSM. (only available in GSM version) Zone led 8 on mean: Enable battery low trouble warning on keypad.	*00* 0000
32	**Communicator Setting 2** Zone led 1 on mean: Enable AC Loss personal reporting. Zone led 2 on mean: Enable Battery low personal reporting. Zone led 3 on mean: Double ring answering. Zone led 6 on mean: Enable double CMS reporting. (only available in GSM version) Zone led 7 on mean: Enable SMS reporting. (only available in GSM version) Zone led 8 on mean: Enable SMS extended reporting. (only available in GSM version)	*000 0000
33	**System Option** Zone led 1 on mean: Keypad buzzer on during entry delay. Zone led 2 on mean: keypad buzzer on during exit delay. Zone led 3 on mean: Short beeping during delay. Zone led 4 on mean: DTMF dialing else pulse dialing. Zone led 5 on mean: Enable one key arming using button H or A. Zone led 6 on mean: Enable keypad panic button P. Zone led 7 on mean: Enable RF remote control arming.	**** ***0

Number Programming

Add	Description	Default Value
40	**Entry timer partition 1.** From 0 to 255 sec.	040
41	**Entry timer partition 2.** From 0 to 255 sec.	040
42	**Exit timer partition 1.** From 0 to 255 sec.	120
43	**Exit timer partition 2.** From 0 to 255 sec.	120
44	**Bell timer** for auto reset zone. 0 to 255 minute.	005
45	**Fast respond timer**. [0 to 255] * 1.6ms.	008
46	**Slow respond timer**. [0 to 255] * 1.6ms.	015
47	**Intelligent zone counter 1**. 0 to 255 times. If counter exceed, intelligent zone group 1 trigger.	002
48	**Intelligent zone counter 2**. 0 to 255 times. If counter exceed, intelligent zone group 2 trigger.	003
49	**Intelligent zone reset timer 1**. 0 to 255 times. Intelligent zone group 1 counter reset timer.	010
50	**Intelligent zone reset timer 2**. 0 to 255 times. Intelligent zone group 2 counter reset timer.	030
51	**PGM 1** (See PGM programming sheets)	129
52	**PGM 2** (See PGM programming sheets)	129
53	**PGM 3** (See PGM programming sheets)	129
54	**PGM 4** (See PGM programming sheets)	129
55	**PGM 5** (See PGM programming sheets)	129
56	**Keypad lock digit**. 0 to 255 times of password error before keypad lock. (Prevent password guessing on keypad).	012
57	**Keypad lock time**. 0 to 255 second keypad lock time.	060
58	**Communicator Dialing time**. 0 to 255 second. Specified the time to wait for the user answer during personal reporting.	040
59	**Communicator Idle time**. 0 to 255 second. Specified the time to wait for a key press before auto hang-up during personal reporting.	120
60	**Communicator Dial loop**. Number of time to dial on each telephone number. (For both personal and CMS reporting).	010
61	**Answer ring**. Number ring to wait before answer call. 0 to 255 ring. (Feature available with the voice card module only).	008
62	**Communicator Password Error auto hang-up**. Number of error password digit is allowed to key in before communicator auto hang-up. (Prevent password guessing through phone).	014
63	**CMS Periodic Report**. 001 to 255 hour. (000 mean disable)	024

Other Programming

70	**CMS Account number 1**. 4 digits Contact ID user code.	0000
71	**CMS Account number 2**. 4 digits Contact ID user code.	0000
72	**CMS Phone number 1**. Maximum 15 digits. P for pause 2 seconds. Ended phone number with #.	Nil
73	**CMS Phone number 2**. Maximum 15 digits. P for pause 2 seconds. Ended phone number with #.	Nil
74	**Area Code or Prefix**. Maximum 5 digits. P for pause 2 seconds. Ended phone number with #.	Nil
75	**Reserved**	000
76	**Changed Installer code**. The 4 digit installer code must be key in 2 times. If both installer codes are different, it will not be save.	1397
90	**Firmware version**. Display Firmware version.	
97	**Reset SIM card SMS**. Reset SIM card SMS to default. (Only available in GSM version)	
98	**Reset user code**. Reset all user code.	
99	**Reset Panel**. Reset all user code and programming setting except installer code.	

PGM definition

PGM Definition Value

Value	Description
000-019	**Follow zone open. Enable 24hr without auto off feature**. E.g. 000 (follow zone 1). 001 (follow zone 2) etc. Suitable for indoor lightning that need to be auto on all time and turn off manually. E.g. Office with low natural light, turn on light or air condition automatically when PIR detect movement in the morning and manually off after office hour.
020-039	**Follow zone open. Enable 24hr with auto off feature**. (User programmings address 49). Suitable for indoor lightning that need to be auto on all time and with energy saving. E.g. Store room light.
040-059	**Follow zone open. Enable during night mode without auto off feature**. Suitable for outdoor lightning that need to be auto on during night mode and turn off manually. E.g. Shop with strong natural light, turn on automatically when PIR detect movement during night time and manually off after business hour.
060-079	**Follow zone open. Enable during night mode with auto off feature**. (User programmings address 49). Suitable to act as sensor light for indoor and outdoor. E.g. Car porch light, living hall light etc.
080	**Follow Timer 1** (user programming address 39 & 40).
081	**Follow Timer 2** (user programming address 41 & 42).
082	**Follow Timer 3** (user programming address 43 & 44).
083	**Follow Timer 4** (user programming address 45 & 46).
084	**Follow Timer 5** (user programming address 47 & 48).
085	**Follow Entry Exit time. Enable 24hr without auto off feature**. E.g. Office with low natural light that can be turn on upon main door open and turn off automatically after system arm.
086	**Follow Entry Exit time. Enable 24hr with auto off feature**. E.g. Staircase light for office that can be turn on automatically upon main door open for entry illumination and turn off automatically for energy saving. After office hour, upon system arm will turn on automatically for exit illumination and auto off after next timer expired.
087	**Follow Entry Exit time. Enable during night mode without auto off feature**. E.g. Living hall light with strong natural light that is only necessary during night mode, can turn on automatically during entry and stay on until user turn off manually. Upon system arm during night time, will turn on until exit timer expired.
088	**Follow Entry Exit time. Enable during night mode with auto off feature**. E.g. Car porch light that turns on during entry and exit and turns off automatically.
089-108	**Follow zone trigger**. E.g. Perimeter sensor (silent mode sensor) triggers warning light or buzzer.
109-128	**Follow zone trigger**. Pulse signal. E.g. DVR channel switching.
129	**Manual on/off only**.
130	***Activate when fully arm**. Cannot turn on/off manually.
131	***Activate when trouble condition exist**. Cannot turn on/off manually.
132	***Activate when zones trigger, auto off some time after system disarm** (user programming address 49). Cannot turn on/off manually while zone still trigger.
133	***Activate when zones trigger, off after disarm**. Cannot turn on/off manually.

Ps.
- For timer 1 only available for PGM 1.
- For timer 2 only available for PGM 2.
- For timer 3 only available for PGM 3.
- For timer 4 only available for PGM 4.
- For timer 5 only available for PGM 5.

User Programming

Add	Description	Default Value
30	**Current Time**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330.	-
31	**Current Day**. Must key in 4 digits. 2 digits for day and last 2 digits for month, e.g. for 1st of May, key in 0105.	-
32	**Current Year**. Must key in 4 digits, e.g. 2011.	-
33	**Auto Arm Time for partition 1**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
34	**Auto Disarm Time for partition 1**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
35	**Auto Arm Time for partition 2**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
36	**Auto Disarm Time for partition 2**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
37	**Night mode begin Time**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
38	**Night mode end Time**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
39	**PGM 1 On Timer 1**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
40	**PGM 1 Off Timer 1**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
41	**PGM 2 On Timer 2**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
42	**PGM 2 Off Timer 2**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
43	**PGM 3 On Timer 3**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
44	**PGM 3 Off Timer 3**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
45	**PGM 4 On Timer 4**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
46	**PGM 4 Off Timer 4**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
47	**PGM 5 On Timer 5**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
48	**PGM 5 Off Timer 5**. 24hr format HHMM Must key in 4 digits, e.g. for 11:30pm, key in 2330. To disable this timer key in 9999.	9999
49	**PGM Auto Off Timer**. From 1 to 255 minute.	005