User Manual

Business GSM Burglar

Q1 Pro & Q1 Pro PLUS
M1 Pro & M1 Pro PLUS

Alarm Security system

POWER Zone1 Zone5
Zone2 Zone6
Zone3 Zone7
Zone4 Zone8

ANT: ▪▪▪▪
DISARM ALL ZONEs
HOME SECURITY SYSTEM

GMK
www.GMK.ir
iOS Android

1 2 3 PROG
4 5 6 ENTER
7 8 9 CLEAR
* 0 # EXIT

HOME SECURITY SYSTEM

Iran
Insurance Co.

The sweet taste of security with GMK products

For the first time in the country's security industry, GMK is the first and only burglar alarm system with a theft insurance policy and a product quality guarantee from Iran's most reliable insurance company

CE CERTIFIELD CERTIFIELD — ISO 9001 CERTIFIELD CERTIFIELD — Insurance 1 YEARS Insurance — Islamic Republic of Iran Ministry of Industry, Mining and Trade — GUARANTEE 1 YEARS GUARANTEE — WARRANTY 10 YEARS WARRANTY — ISO 10002 CERTIFIELD CERTIFIELD

Contents

Selecting the SMS language:

This device can send SMS in three languages: Persian, English and Arabic. To change the language via the menu, proceed as follows:

> ▶ Prog ▶ Password ▶ Enter ▶ Code 90 ▶ Select one of the three available languages by repeatedly pressing

The device you have is equipped with 2 separate passwords, as follows: (The default password is 123456)

1) The password for accessing the device menu for setting and programming the device

2) The password for arm/disarm the device (via landlines or cell phone, SMS or the Android application)

Access to the device settings menu:

First press the "PROG" key. Then enter the password (123456) and press the "ENTER" key at the end. If the password entered is correct, the "Program Code" option appears and you can make the desired settings according to the user manual

Setting or adding a remote control and entering the remote control code through the device (frequency 315):

After calling up the device menu, enter the code 30. "Remote Set" option appears. Now press and hold the * key, then briefly press the " 🔓 " button on the remote control; you will hear a beep, indicating that the remote control is being set. Up to 15 remote controls can be set for this device. When setting the remote control, the name of the remote control is displayed with the characters A-B-C-D-E-F-G-H-I-G-K-L-M-N-O.

If you press another key instead of the " 🔓 " key during setting, you must delete the remote control and set it again.

Setting the remote control via SMS:

To do this, you can send the mentioned SMS and press and hold the " 🔓 " key for 3 seconds after hearing the beep from the device to set the desired remote control.

SMS command ▶ | P Administrator Password |

Rename remote controls:

To rename the remote controls, proceed as follows:

SMS command ▶ | P Administrator Password prn Name (select remote control A-O) |

Example : Renaming the remote controls A | p123456prnA Ali remote |

Activate/deactivate all remote controls via SMS:

You can use the following methods to activate/deactivate all remote controls.

SMS command to activate the remote controls ▶ | P Administrator Password pre |

SMS command to deactivate the remote controls ▶ | P Administrator Password prd |

> Note: If you insert or replace the SIM card, you must disconnect the device from the power supply and remove the battery. Otherwise, the SIM card module will be damaged, which is not covered by the warranty.

1

Deleting the remote control via SMS:

To delete one of the remote controls set with the device, proceed as follows and send the corresponding code to the SIM card of the device.

P Administrator Password ps (Select the remote control A-O)	Example: p1234564psA

Deleting the remote control via the control panel of the central unit:

After calling up the device menu, enter the code 30. the option "Remote Set" appears.If you now press and hold the number 1 for 5 seconds, the last set remote control will be deleted, and if you press and hold the number 2 for 5 seconds, the entire memory of the remote controls will be erased.

Setting the wireless devices (Frequency 315):

Codes 21-22-23 and 24 refer to wireless zones. After calling up the device menu, select the desired zone. Now press and hold the * key and trigger the desired sensor to hear the beep. In addition, the sensors should be trigger individually and then set.

Setting the work shift – remote controls operation time setting:

If you want each of the remote controls to work only at certain times of the day, you can use this menu to create work shifts for them.

Code 98 ➤ Select the memory 1-15 ➤ ENTER ➤ Select Edit or Delete options by entering 1 or 2 ➤ Select the remote control A-O with Enter key ➤

Press the prog key ➤ Enter the activation start time ➤ ENTER ➤ Enter the activation end time ➤ ENTER
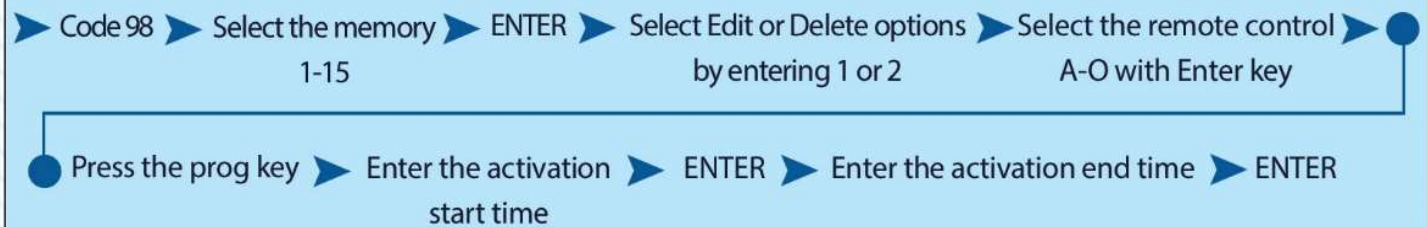
Total removal of remote operation timing:

Prog ➤ Password ➤ Enter ➤ code 95 ➤ Enter

Rename the zone:

One of the important features of this device is to rename the zone, which can be renamed using the following method.

How to rename the zone via SMS ➤ p Administrator password pzn {Enter the zone number 1-8} Name

Example of rename the zone 1 ➤ p123456pzn1 Bedroom sensor

Deleting wireless sensors:

After calling up the device menu, select the desired zone from 21 to 24. Now press and hold key 4 or 5 for 5 seconds to delete the last set sensor or to delete all sensors.

Setting wired and wireless zones:(if required)

In the factory default mode, the zone setting is not required.

Wired zone code			
Zone	1	2	3	4
Code	11	12	13	14

Wireless zone code			
Zone	5	6	7	8
Code	21	22	23	24

After calling up the device menu, enter the desired zone code and set it by repeatedly pressing one of the digits according to the table below and press the Enter key at the end.

Property	Wired zone	Wireless zone
Number 1	Select the instant or delayed mode	Select the instant or delayed mode
Number 2	Select Ding-Dong mode	Select Ding-Dong mode
Number 3	Select 24-hour mode	Select 24-hour mode
Number 4	Select "Normal Open" or "Normal Close" mode	Delete the last set sensor
Number 5	Select "Fire" or "Theft" mode	Delete all sensors
Number 6	Select "Pedal" mode	Select "Fire" or "Theft" mode
Number 7	------------	Select "Pedal" mode

Setting the pedal:

When using the pedal, store the phone numbers specific to the pedal in memories 16 to 20 and set options D and S as required and set the desired zone in 24-hour mode and the pedal (for phone). How the pedal works: In the first trigger, only the phone numbers associated with the pedal are dialed and SMS messages are sent without alarms. and the second trigger activates the device's alarm.

> **Note:** The red switch on this board is used to activate/deactivate the zones.
> To use any zone after connecting the sensor, set the switch of the same zone to the up as shown in the figure.

Delete individual or all zone names and reset to factory settings:

To delete individual or all zone names, proceed as follows:

Delete individual: ▶ prog ▶ password ▶ Enter ▶ desired zone code ▶ press Clear ▶ Enter

Delete all: ▶ prog ▶ password ▶ Enter ▶ code 101 ▶ Enter

3

Entering phone numbers in the device's memory and defining their properties:

> ► Enter the code 51 ► Select the memory number from (1 to 20) ► ENTER ► Enter the phone number ► ENTER

Note: Memory locations 16 to 20 are reserved for the pedal.

After entering the phone number and before pressing ENTER, you can define the properties of each number by pressing the * and # keys according to the table below.

Symbol	Description
D	Press the * key repeatedly to display the letter D, which means that a call is being made.
S	Press the * key repeatedly to display the letter S, which means that an SMS is being sent.
DS	Press the * key repeatedly to display the letter DS, which means that a call is being made and a text message is being sent.
R	Press the # key repeatedly to display the letter R, which means that the entry and exit report of people with a remote control are being sent.
r	Press the # key repeatedly to display the letter r, which means that the alarm for disconnecting and connecting the power supply, the message of double protection, the possibility of contacting the device, the relay output report, and the SIM card charge status.
Rr	Press the # key repeatedly to display the letter Rr, which contains the functions of both R and r,
M	Press the # key repeatedly to display the letter M, which means access to the Rr functions and full management of the device, including all reports, such as the announcement of disconnection and connection of power, the announcement of deletion and addition of numbers, the announcement of deletion of a new remote control, the query of the overall status of the device, the announcement of the arm/disarm status of the device by the Keypad, SMS, app, remote control, call, the timer to access to the general settings, including the rename of the zone, the rename of the remote control, the daily status display, the status of wireless sensors, query of set numbers and remote controls receive events by SMS, activation and deactivation of the whole remote controls, activation and deactivation of silent mode, ding-dong control and password change via SMS.

Deleting an individual phone number: Enter the code 51 after calling up the device menu. Then select the desired memory location number and press ENTER. Then delete the number with the CLEAR key and finally press ENTER.

Delete all phone numbers on the device: After calling up the device menu, enter code 52. Then press and hold the 1 key for 5 seconds. All numbers will be deleted.

Dialing test in the device memory: First call up the device menu and enter the number 50, then select the desired memory and press ENTER twice. The device starts dialing the desired memory.

Setting the single alarm function: After calling up the device menu, enter the code 31 and press the Enter key repeatedly to set one of the following

modes: A) Internal speaker only   B) Internal speaker, SIREN   C) Internal speaker, SIREN and SP

> Code 31 ► Select one of the above modes by repeatedly pressing the Enter key ► EXIT

Life is beautiful with security

Setting the duration of the alarm when it is triggered: (default value 3 minutes)

Code 32 ▶ Select between 1 and 5 minutes by repeatedly pressing the Enter key ▶ EXIT

Setting the initial charging of the SIM card of the burglar alarm system via SMS and keypad:

After accessing the device menu, enter the code 55, then enter the command code to charge the SIM card according to the table below and save by pressing the Enter key.

The command code to charge the MCI SIM card: *140*## | The command code to charge the Irancell SIM card: *141*#

The command code to charge the Rightel SIM card: *140*#

SIM card charging method via SMS and keypad: Example of charging via SMS: P123456PC Charge code

Via SMS	P Administrator Password PC Charge code ▶ Send to the SIM card in the device
Via Keypad	Code 57 ▶ Enter the charge code ▶ ENTER

Initial setting of the charging status of the SIM card of the burglar alarm system via SMS and keypad:

Call up the device menu and enter the code 53. Now enter the command code for the charging status according to the table below and press the Enter key to save.

Command code for the charging status of the MCI SIM card: *140*11#

Command code for the charging status of the Irancell SIM card: *140#

Command code for the charging status of the Rightel SIM card: *141*1#

Querying the SIM card charging status of the burglar alarm system via keypad and SMS:

Via SMS	P Administrator Password P5 ▶ Send to SIM card in device
Via keypad	Enter the code 56 in the settings menu. After a few seconds, the charge status is displayed on the LCD

Selecting the mode and defining the function of Mode1 and Mode2:
(the default setting of the device is MODE1)

Select Mode1 or Mode2 as required. In Mode2, you can control 3 zones separately. Call up the device menu. Now enter the code 35 and select Mode1 or Mode2 with the Enter key

Separate remote control specifically for Mode2:

If you want to use the device's Mode2, you can set your remote controls separately for each part as follows

▶ Code 30 ▶ Select part 1 to 3 with keypad keys ▶ ENTER
▶ Press and hold the ✱ and the Unlock(🔓) button on the remote control at the same time.

The functions of the remote control keys in Mode1:

🔒 🔐		Device Armed - All zones are activated.
🔓 🔓		Device disarmed - All zones are deactivated.
🔇	**P1**	The device is in semi-armed Mode1 and wired zones 1 and 2 are activated and wireless zones 5 and 6 are activated.
🔔	**P2**	The device is in semi-armed Mode2 and wired zones 3 and 4 are activated and wireless zones 7 and 8 are activated.
⤳ 🏠		In LEVEL mode, it is switched ON by pressing the key once and switched OFF by pressing it again. In PULSE mode, it works instantly.

The functions of remote control keys in Mode2:

🔒	Pressing this key activates the desired part	🔇 **P1**	In MODE2, this key has no function
🔓	Pressing this key deactivates the desired part	🔔 **P2**	In MODE2, this key has no function
🏠 ⤳	In LEVEL mode, it is switched ON by pressing the key once and switched OFF by pressing it again. In PULSE mode, it works instantly.		

Note: MODE2 of this device has a unique feature that allows the user to divide the installation location into two or three independent parts. In this case, the remote controls should be set for Part1 (wired zones 1 and 2 and wireless zones 5 and 6) and for Part2 (wired zone 3 and wireless zone 7) and for Part3 (wired zone 4 and wireless zone 8). The remote controls and passwords for each part are unique. In this case, only the keys (🔒 and 🔓) of the remote control work. To set the remote control specifically for each part, see page 5.

Arm/disarm the burglar alarm system in Mode1 via SMS:

P123456P3	Arm the entire system = In this mode, all zones of the device are activated.
P123456PO	Disarm the entire system = In this mode, all zones of the device are deactivated
P123456P1	Activation of semi-armed mode 1 = Activation of wired zones 1 and 2 and wireless zones 5 and 6
P123456P2	Activation of semi-armed mode 2 = Activation of wired zones 3 and 4 and wireless zones 7 and 8

Arm/disarm the burglar alarm system in Mode2 via SMS:

P123456P11	Arm part1 = Activation of wired zones 1 and 2 and wireless zones 5 and 6.
P123456P10	Disarm part1 = Deactivation of wired zones 1 and 2 and wireless zones 5 and 6
P123456P21	Arm part2 = Activation of wired zone 3 and wireless zone 7
P123456P20	Disarm part2 = Deactivation of wired zone 3 and wireless zone 7
P123456P31	Arm part3 = Activation of wired zone 4 and wireless zone 8
P123456P30	Disarm part3 = Activation of wired zone 4 and wireless zone 8
P123456PO	Disarm all parts (1-2-3)

Arm/disarm the burglar alarm system in Mode1 via keypad:

*123456#3	Device armed = All zones are activated.
*123456#0	Device disarmed = All zones are deactivated.
*123456#1	Device is in semi-armed Mode1 = Activation of wired zones 1 and 2, and wireless zones 5 and 6.
*123456#2	Device is in semi-armed Mode2 = Activation of wired zones 3 and 4, and wireless zones 7 and 8.

Arm/disarm the burglar alarm system in Mode2 via keypad:

*123456#11	Arm part1 = Activation of wired zones 1 and 2 and wireless zones 5 and 6.
*123456#10	Disarm part1 = Deactivation of wired zones 1 and 2 and wireless zones 5 and 6.
*123456#21	Arm part2 = Activation of wired zone 3 and wireless zone 7
*123456#20	Disarm part2 = Deactivation of wired zone 3 and wireless zone 7
*123456#31	Arm part3 = Activation of wired zone 4 and wireless zone 8
*123456#30	Disarm part3 = Activation of wired zone 4 and wireless zone 8
*123456#0	Disarm all parts (1-2-3)

Note: To use an external keypad, you must first prepare the hardware and install it on the circuit board .and then enable code 86 in the programming environment of the device

Arm/disarm the burglar alarm system in silent mode via SMS:

The device can be armed/disarmed in silent mode via the following SMS

P Administrator Password pw1 Arm part1	P Administrator Password pw3 Arm part3
P Administrator Password pw2 Arm part2	P Administrator Password pw0 Deactivate all parts

Viewing and querying the event log via the menu or by SMS:

Once you have set the date, days of the week and time of the device, you can view the last 60 events of the device, such as arming/disarming the alarm system in any way, plugging/unplugging, the cause of the alarm, etc. by entering the code 74 using the * and # keys. You can also receive the events via SMS as follows:

SMS command ▶ p Administrator Password pv

Enable/disable ding-dong zone remotely:

To enable/disable ding-dong function of the desired zone remotely via SMS proceed as follows

Enable ding-dong zone	p Administrator Password pzc(Select zone number 1-8)e
Disable ding-dong zone	p Administrator Password pzc(Select zone number 1-8)d

Example. Enable ding-dong zone 2   p123456pzc2e

Serialization of the sensors:

To connect more than one sensor to any of the zones, the desired sensors should be connected in series according to the table
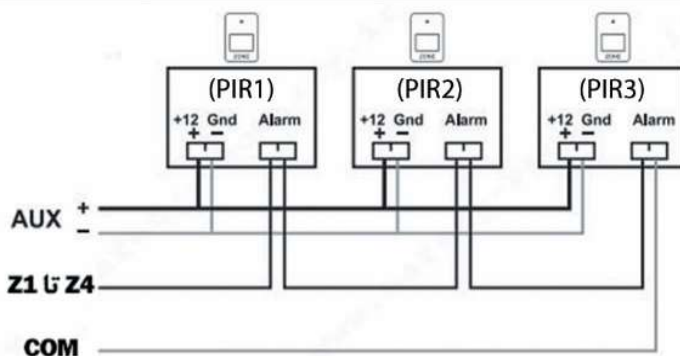
Set the clock:

▶ Enter code 70 ▶ set the hour ▶ ENTER ▶ set the minute ▶ ENTER

Set the date:

▶ Enter code 72 ▶ set the year ▶ ENTER ▶ set the month ▶ ENTER ▶ set the day ▶ ENTER

Set the days of the week:

▶ Enter code 73 ▶ select numbers 0-6 ▶ ENTER

(0: Saturday, 1: Sunday, …, 6: Friday)

When setting the hour, minute or date, you must press the CLEAR key before entering the numbers so that 0 appears on the display.

Set the timer to arm/disarm the burglar alarm system at the desired times:

To arm/disarm the burglar alarm automatically during the week, at a specific time and on a specific day, proceed as follows:

▶ Enter code 71 ▶ select memory number 1–30 ▶ ENTER ▶ select days of week 0–6 ▶ ENTER
▶ Set hour ▶ ENTER ▶ set minute ▶ ENTER ▶ select table options by pressing # key ▶ ENTER

Note: Choose the day of the week from 0 to 6, where 0 is Saturday, 1 is Saturday, 2 is Monday, 3 is Tuesday. 4 is Wednesday, 5 is Thursday, 6 is Friday

P2 ARM	Part2 armed at the specified time
P2 DIS ARM	Part2 disarmed at the specified time
P3 ARM	Part3 armed at the specified time
P3 DIS ARM	Part3 disarmed at the specified time
---	Delete timer

ARM	Armed at the specified time
DIS ARM	Disarmed at the specified time
P1 ARM	Part1 armed at the specified time
P1 DIS ARM	Part1 disarmed at the specified time

8

Note: If the wireless motion sensor is not set with this type of board, move the jumper indicated in the figure.
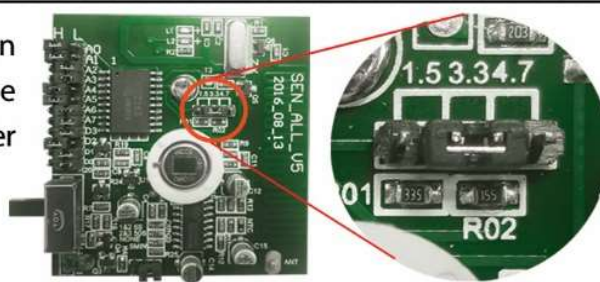
Remote control of the system by call (r or M must be active): (the default mode of the device is Mode1)

When you call the device, you will hear the message "Please enter the password" after a few ring tones. Enter the device password. If it is correct, you will hear 3 beeps and you can control the device with the 0 to 5 keys as shown in the table below.

#	MODE 1	MODE 2
0	The burglar alarm is disarmed	The burglar alarm is disarmed
1	Semi-armed mode 1 Activation of wired zones 1 and 2 and wireless zones 5 and 6	Part 1 Activation of wired zones 1 and 2 and wireless zones 5 and 6 Deactivate when key 1 is pressed again
2	Semi-armed mode 2 Activation of wired zone 3 and wireless zone 7	Part 2 Activation of wired zone 3 and wireless zone 7 Deactivate when key 2 is pressed again
3	**The burglar alarm is armed Activation of all zones**	Part 3 **Activation of wired zone 4 and wireless zone 8 Deactivate when key 3 is pressed again**
4	Listening to the environment	Listening to the environment
5	Control of electrical appliances or door opener	Control of electrical appliances or door opener

Note: Use an external GSM antenna to reduce noise when listening to the environment

Output relay timer setting: (Control of electrical appliances or door opener)

Use this feature to switch an electrical appliance on and off or to open the door immediately on weekdays at a specific time and on a specific day.

Note: The timer setting feature can be implemented in the Door Open terminal in the device. In addition, this terminal has no voltage output and only functions as a switch.

⟶ Enter code 37 – select memory number 1–30 – ENTER – select days of week 0–6 – ENTER

⟶ set hour – ENTER – set minute – delete timer, select OFF, ON options by pressing # key – ENTER

Double protection (r or M must be active)

If this feature is activated, the burglar alarm system must also be disarmed by SMS or keypad when disarming by remote control, otherwise the system will start to alarm after the set time.

Activation method:

▶ code 65 ▶ Select 15 or 30 or 45 seconds or Off by repeatedly pressing the Enter key

Select passing and momentary trigger:

In passing trigger mode, the dialing process continues until the device alarm continues. In momentary trigger mode, the dialer dials all stored numbers once when the device triggers an alarm.

Passing	Enter code 58 ▶	Level dialer
Momentary	Enter code 58 ▶	Edye dialer

Enable/disable speaker protection (SP) system:

If speaker protection is enabled, the internal alarm, siren and dialer will be triggered if the SP cable is disconnected for any reason or the speaker burns out. When SP protection is enabled, the system is also active 24 hours a day. To enable this feature, call up the device menu and enter the code 34. Now press the Enter key to select the status OFF or ON.

Settings for the power failure warning

If the power failure in the area lasts longer than the set time, the device will send you an SMS with the message "Power failure" and if you want it to trigger an alarm and dial in addition to the SMS, select the Siren option.

code 33 ▶	Press the Enter key repeatedly	▶ Setting the duration of the power failure announcement (immediate, 5 minutes, 1 hour, 2.5 hours, 4.5 hours)
	Press the # key repeatedly	▶ Set SMS or siren mode

Querying the device status and the state of the city's electricity:

You can find out about the armed/disarmed status of the burglar alarm system or the state of the city's electricity by sending an SMS.

SMS command ▶ | p administrator password P4 |

Note: Since power outages occur frequently in some regions, activation of the power outage alert feature is required for at least 2 numbers stored in the device's memory. First call up the device menu, enter the code 33 and make sure that the status is "Enable". When adding the number, enable r and S for it

Voice record and playback (for fire and theft):

Voice record (for fire)	▶ Code 60 ▶ ENTER ▶ voice record ▶ ENTER
Voice record (for theft)	▶ Code 60 ▶ ENTER ▶ voice record ▶ ENTER
Voice playback (for fire)	▶ Code 63 ▶ ENTER ▶ voice playback
Voice playback (for theft)	▶ Code 60 ▶ ENTER ▶ voice playback

Query of the set remote controls via SMS:

As the remote control is one of the most frequently used and available accessories for arming/disarming the device, you can query the number of remote controls set on the device by sending the following SMS command

SMS command ▶ | p administrator password Pri |

Enable the daily status query of the device:

If you enable this important function, the system sends a complete report on the device status to the user every 24 hours, e.g. whether the system is armed or disarmed, the status of the power supply, the status of the output relays and the charging status of the SIM card.

You can enable this function in the following two ways:

Via Menu ▶ | code 99 ▶ Select the enable or disable option with the Enter key |

Via SMS ▶ | to enable ▶ p Administrator password psse | | to disable ▶ p Administrator password pssd |

Query the set numbers via SMS:

The user can use the following method to query the numbers stored in the device memory:

| A ▶ memory 1-5 | | B ▶ memory 6-10 | | C ▶ memory 11-15 | | D ▶ memory 16-20 |

| SMS command: p Administrator password pm(Select memory A-D) |

| Example for querying the first 5 memories ▶ p123456pmA |

Setting the function for automatically reporting the status of wireless sensors:

One of the most important and security-relevant functions of this device is checking the wireless sensors. For wireless sensors, there is a possibility that the battery is low or faulty, or for some models it is possible to set the sensor to the OFF position. and the sensor is not sending a signal, the user can be notified of the faulty sensor. To enable this function and set its duration, proceed as follows.

| Code 96 ▶ Time selection from 1 to 7 days or disabled with Enter key |

Remote control of an electrical appliance via SMS and cell or landline phone − with timer function:

To use this function, proceed as follows. (The default mode is momentary)

| code 36 ▶ Press the Enter key repeatedly to select the LEVEL option |

With this device, you can switch the electrical appliance on or off by SMS, by remote control with the 🔧 or 🏠 keys, via a cell or landline phone in the following ways.

| dialing the device ▶ entering the password after playing the message ▶ press the 5 key |

To control the electrical appliance via SMS in LEVEL mode, send the following SMS to the device.

| p Administrator password p91 ▶ Switch on | | p Administrator password p90 ▶ Switch off |

| **Note:** The settings in connection with the use of the timer are generally described on page 9 |

Opening the door via SMS, remote control and cell or landline phone – with timer function:

To use this function, proceed as follows (the default mode is momentary and does not need to be changed)

Code 36 ➤ Select the PULSE option by repeatedly pressing the Enter key

With this device, you can open the door by SMS, by remote control with the ⬚ or ⬚ keys and with a cell or landline phone in the following ways:

via SMS ➤ p Administrator password p9

dialing the device ➤ entering the password after playing the message ➤ press the 5 key

Changing the status of the output relay (relay connection in ARM or ALARM mode):

Depending on your requirements, you can set the output relay in two ways:

1. **Use in ARM mode:** As soon as the device is armed, the output relay contact closes the circuit..
2. **Use in ALARM mode:** As soon as the device is in ALARM mode, the output relay contact closes the circuit.

To change the status via the menu ➤ code 102

Select the ARM or ALARM or OUTPUT mode (normal output) with the Enter key

Setting the option to report the weak network signal via SMS or the menu:

If you activate this function, the device will notify you by SMS when it detects that the network signal is weak

Via Menu ➤ | Code 100 ➤ Select the enable or disable option with the Enter key |

Via SMS ➤ | to enable ➤ p Administrator password pje | | to disable ➤ p Administrator password pjd |

Enable/disable the DOOR OPEN message:

Code 38 ➤ Enter ➤ Report ON or Report OFF

Note: With this device, only one of the functions door opener or control of electrical appliances can be selected, not both. If an electrical appliance with a higher current is to be controlled, a separate relay must be employed and this terminal must be used to trigger the relay. In addition, this terminal has no voltage output and acts as a SPST switch whose command is the OPEN DOOR terminal. In addition, the relay current of the device is 7A.

Deleting or reactivating the fire alarm zone due to a sensor failure or error:

	Deletion of the fire zone	Reactivation
Via SMS	P123456PB0	P123456PB1
Via keypad	Press and hold the Clear button for 5 seconds	If the zones of the device are in normal mode, the alarm is armed by entering the code *1234563*3

Arming/disarming the desired part via the keypad and SMS:

The default passwords for the parts		
Code	Part	Default password
42	Admin password	123456
44	Part 1	111111
45	Part 2	222222
46	Part 3	333333
43	All parts	666666

Keypad	Arm	➤	* Password of the desired part#1
Keypad	Disarm	➤	* Password of the desired part#0
SMS	Arm	➤	p Password of the desired part p1
SMS	Disarm	➤	p password of the desired part p0

Note: You can access all parts with the administrator password

Changing the password of parts via SMS:

This is only possible for the administrator who has the main code 42 of the burglar alarm system and the report r is defined for that number.

Part 1	P code 42 admin password P1N choose 1-6 digits password	Example ➤ P123456P1N9876
Part 2	P code 42 admin password P2N choose 1-6 digits password	Example ➤ P123456P2N9876
Part 3	P code 42 admin password P3N choose 1-6 digits password	Example ➤ P123456P3N9876
All parts	P code 42 admin password P4N choose 1-6 digits password	Example ➤ P123456P4N9876

Enable the desired part via the Keypad:

If you want to enable/disable each part of the device's zones via a keypad with a separate password, you must first enable the desired part as shown in the following.

Code 40 ➤ entering one of 1-4 digits ➤ choose Enable or Disable

Note: If you are using an external keypad and want to use one device for 2 or 3 separate zones, the administrator code (code 42) and the All Parts code (code 43) should not be provided to everyone.

The external keypad is only used to arm and disarm the burglar alarm system

Connecting an external keypad to the device:

To connect an external keypad to the device, the corresponding hardware must first be purchased and installed on the circuit board. Code 86 must then be set to "Enable" mode in the programming environment.
After disconnecting the power supply to the device, connect four wires from the central unit to the external keypad. Connect two wires from the -DATA+ terminals of the central unit to the corresponding -DATA+ terminals of the external keypad and two more wires from -KEY+ of the central unit to the external keypad -12+, observing the positive and negative poles. Once the wiring is complete, connect the power supply to the device.

Note: The PROG EXIT and ENTER keys cannot be used with this version.
(The external keypad is only used for arming and disarming the device.)

Changing the password for the device settings menu via the Keypad:

(this password is used to program the device)

Code 41 ➤ Enter ➤ old password ➤ Enter ➤ new password (3-6 digits) ➤ Enter ➤ retype new password ➤ Enter

Changing the password for arming/disarming the burglar alarm system via the Keypad:

Code 42 ➤ Enter ➤ old password ➤ Enter ➤ new password (3-6 digits) ➤ Enter ➤ retype new password ➤ Enter

Changing the burglar alarm system password via SMS:

Changing the password via SMS is possible for those who have activated M-Report for their phone number

P old password PN choose 3-6 digits password

Resetting device passwords if you have forgotten the password:

If you have forgotten the device password, press and hold the Default button in the device for 7 seconds while the device is switched on until the message "Reset Password" appears on the screen and the password is reset to the factory default (123456).

Changing the password of parts via the keypad:

All parts	code 43	
Part 1	code 44	➤ Enter ➤ old password ➤ Enter ➤ new password ➤ Enter ➤ retype new password ➤ Enter
Part 2	code 45	
Part 3	code 46	

Reset all device settings to the factory default in 2 different ways:

(A) Disconnect the device from the power supply. Now press and hold the "Default" button on the device. Then connect the power supply to the device, but do not release the "Default" button for 12 seconds. After the message "Erasing" appears on the display, you can release the button.

(B) Press and hold the "Reset" and "Default" buttons simultaneously while the device is connected to the power supply. Now release the "Reset" button, but keep the "Default" button pressed for 10 seconds until the message "Erasing" appears on the screen. Release the "Default" button. After a few seconds, the device settings are reset to the factory default.

Bulgar alarm system disarm reminder message via SMS:

If the user forgets to arm the security system of the desired location and no sensor is triggered within 1 hour, a notification will be sent to the user to arm the alarm. To enable this function, access the device menu, enter the code 64 and press the ENTER button to select the "Report on" option. To disable, select the "Report off" option.

The text of the message is as follows:

> **Reminder:** Dear user, your security system has been inactive for the last hour.

Android app and its features:

Entering, adding and deleting phone numbers, deleting or setting the remote control, charging the SIM card, SIM card charging information, arming and disarming the burglar alarm system, opening the door, controlling electrical appliances, changing the password, controlling Ding Dong zones, silent arming and disarming the burglar alarm system, renaming zones, renaming remote controls, enable/disable notification of weak network signal, querying set remote controls, querying set numbers, enable/disable the daily status notification and enable/disable all remote controls, etc.

Guide to central unit terminals:

- BAT +	To connect the battery max. 7.5 A, observing the positive and negative poles.
- AUX +	To connect the power supply for the optics, sensors, etc., observing the positive and negative poles
SP	To connect the external loudspeaker max. 25 W
- SIR +	To connect the internal alarm and siren, observing the positive and negative poles
DOOR OPEN	To open doors and control electrical appliances (default setting: momentary).
Z1-Z2-Z3-Z4	This device has 4 separate wired zones for connecting optics or sensors
Z5-Z6-Z7-Z8	This device has 4 wireless zones to set wireless optics or sensors
+DATA-	To connect to the external keypad, observing the positive and negative poles
+KEY-	To connect to the external keypad, observing the positive and negative poles

Troubleshooting table:

The alarm sounds immediately after the burglar alarm system is armed.	The AUX fuse has blown or the terminal of the desired zone is open
The burglar alarm system is armed but does not sound the alarm or dial with visual trigger	The red dip switch of the corresponding zone is set to the lower side, or if multiple optics are used in a zone, it is wired in parallel, or the problem is related to the optics or wiring
The hearing is accompanied by noise	Use an external GSM antenna due to noise caused by environmental factors
The SIM card is not recognized. No SIM	The SIM card has a PIN code, or you have inserted the SIM card into the module while it is switched on, which solves the problem by switching the device on and off
No call is made	First make sure that the SIM card is recognized by the device (ANT display) and the GSM signal, and then check the charge status of the SIM card. Check the call readiness (D) of the numbers. If you are using a new SIM card, first insert it into the cell phone and make the first call with it.

If you have any problems or technical questions, please contact GMK customer service at +98-51-52241003. The contact hours are Saturday to Thursday, 8 am to 3 pm. Call 09120936245 outside these hours.

Setting the jumpers of wireless equipment to the device before setting (315 frequency)

Setting the jumpers of wireless magnet:

To code the wireless magnet, jumpers D0 to D3 must be closed. Jumper D0 is on the L side, jumper D1 is on the L side. Jumper D2 should be set on the H side and jumper D3 on the L side. Jumpers A0 to A7 are arranged arbitrarily. Then put the magnet battery in place and set the magnet according to the instructions.

	L	N	H
A0			
A1			
A2			
A3			
A4			
A5			
A6			
A7			
D0	▩	▩	
D1	▩	▩	
D2		▩	▩
D3	▩	▩	

Setting the jumpers of Firewall, Msco, BAT STEEL and GAP wireless optics:

To code the optics, close jumpers D0-D1-D2-D3. Jumper D0 should be set on the H side, D1 on the H side, D2 on the L side and D3 on the H side, and arrange the remaining jumpers arbitrarily. Switch on the optics. Now set the optics with the device according to the instructions.

	D3	D2	D1	D0	A7	A6	A5	A4	A3	A2	A1	A0
L		▩										
N	▩	▩	▩									
H	▩		▩	▩								

Setting the jumpers of the firewall, Msco, STEELBAT and GAP the wireless detector:

To code the wireless detector, jumpers D0 to D3 must be closed. Jumper D0 must be set to H side, jumper D1 to H side, jumper D2 to L side and jumper D3

	D3	D2	D1	D0	A7	A6	A5	A4	A3	A2	A1	A0
L		▩										
N	▩	▩	▩									
H	▩		▩	▩								

to H side, and arrange the jumpers A0 to A7 arbitrarily. Switch on the detector and set the detector with the device according to the instructions.

Setting the FOX wireless optics jumpers:

Jumpers A0 to A9 are placed randomly.
Jumpers 10 and A11 must be on the left side (L).

Note (important)

If you want to set more than one wireless sensor, detector or magnet with the device, you must set jumpers A0 to A7 of each sensor differently in addition to jumpers D0 to D3 before making the settings. Otherwise, it will not be possible to set more than one wireless sensor or magnet. If you have set an optics or magnet or sensor on the device without changing the jumpers, you must delete the wireless sensors in this zone as described on page 3 and set again after change the jumpers. In addition, after setting a wireless sensor, switch off the sensor and then set next sensor.

Some features of this device

- Choose the SMS in three languages: Farsi, English and Arabic
- Confidential entry and exit report
- Immediate notification in case of power failure
- Equipped with a function to notify disconnection of the speaker cable
- Control the device with the SMS, app, remote control, timer, keypad, and call
- Converting device zones into three parts with separate passwords and remote controls
- Change the settings of each zone as desired
- Double protection
- Event logging with 60 memory locations
- Reminder system for the device inactivity
- Query device status on request or automatically
- Rename zones and remote controls
- Report weak GSM signal
- Automatic control system of wireless sensors
- Notification of the manager about the removal or set of the remote control and number
- Remote setting via SMS
- Remote activation/deactivation of all remote controls by the device manager
- Set work shifts for each remote control as desired
- Silent arm/disarm the device via SMS or app
- Maintaining the device status in the event of a power failure
- Query of remote controls and numbers set in the device
- Listening environment via call
- Electrical appliance control with timer
- Setting a remote code learn and a hopping code (varies with the device model)
- Notification of the charging balance under a thousand tomans
- Change the password via the keypad and SMS
- Set the output relay to four modes: permanent, momentary, active, trigger
- Recording two separate messages for fire and theft
- 8 wired and wireless zones
- Special timer to arm/disarm the device
- 15 voice memories for fire and theft notification
- Set up to 15 remote controls
- Suitable for passing and momentary stimulation
- Door opener output relay

GMK The largest factory for the production of protection and security systems in Iran

Customer Service: +98−51−52241003