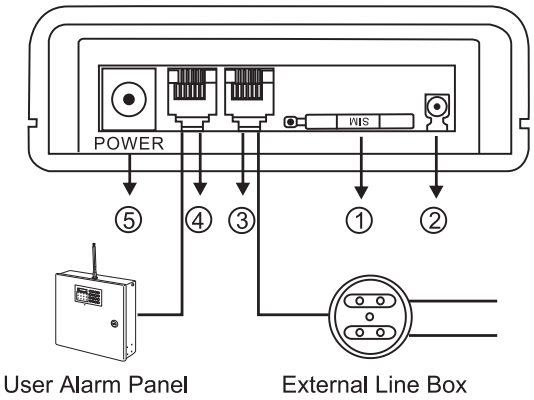
GPRS Wireless dialer

1. Guide

(1) The structure:



1. SIM card trough: drawer design card trough, use a small screwdriver push a yellow button beside SIM card trough, it will popup. Install SIM card onto card trough, insert back to the drawer.
2. GSM antenna: sending GSM signals 900/1800MHz
3. Telephone interface (into): connecting with telephone line (optional).
4. Telephone interface (outlet): connecting with telephone(program) or alarm panel's telephone line interface.
5. Power: DC power 9-15V/4W

(2) Indicator shows:(from left to right)

state \ Name	off	On	Flash
NETWORK (GSM/GPRS Signal state)	GSM abnormal	Current state :GSM/GPRS	flash more longer the GSM/GPRS signal more stronger
GSM/GPRS (currently state)	Current state :Telephone line (if TELEPHONE indicator is on too)	Current state :GSM/GPRS	Starting up
TELEPHONE (telephone line state)	Telephone Line abnormal	Current state :telephone line	Program status

(3) Program(by telephone only)

How to enter program state: connect with telephone, pick up telephone and press "#" within 10 seconds after this device connect with power. Then we can program as below.

2.Function item:

00#*ABCDE*# (AB must be"11/12/21/22, otherwise equivalent to all empty)

A--- set 1: 1 --circuit 2 --disconnect

B--- set 2: 1 --disconnect 2 --circuit

For example:

00#*11*# ---------- prior choose GSM/GPRS network, will NOT auto switch to PSTN network when detect GSM/GPRS fault

00#*12*# ---------- prior choose GSM/GPRS network, will auto switch to PSTN network when detect GSM/GPRS fault

00#*21*# ---------- prior choose PSTN network, will NOT auto switch to GSM/GPRS network when detect PSTN fault

00#*22*# ---------- prior choose PSTN network, will auto switch to GSM/GPRS network when detect PSTN fault

C-CID/SK send alarm information by SMS (only available when<06>GPRS set up is blank)

1---- Only send alarm information by SMS ---------suit for SK SMS alarm receiving center

2-----Only send alarm information by PSTN----- suit for CID alarm receiving center

3------Prior Send alarm information by PSTN, then send alarm information by SMS later.

----- suit for both CID alarm receiving center and SK SMS alarm receiving center

4------ Only prior send alarm information by PSTN, if PSTN fault, send alarm information by SMS later

----- suit for both CID alarm receiving center and SK SMS alarm receiving center

0-----Only as a telephone use

D----DTMF(Dual Tone Multi Frequency) 0-9 respond to50-140ms,blank is 70m

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E-----open SMS function
Code 1-----English SMS Code 2----Chinese SMS
For example: you want set up English SMS and choose receive SMS only, you can do like this: 00#*22131*#
Notice: CID protocol user send alarm information by PSTN------program 00#*222*#
01 #*exterior line prefix *#: ------ internal line call exterior line, need to add prefix number, like 9.When send alarm information by GSM, this dialer will auto ignore it.
02 #* IP prefix *# ---------automatically add before dialing
03 #*SMS report to SMS receiving center telephone Numbers*#-------set up SK SMS alarm receiving center
For example: 03#*13328566945*#
(SK SMS alarm receiving center mobile phone is 13328566945),
04 #*four figure is mainframe Numbers+ four figure is password+two figure group ID-------set up user mainframe number and password and group ID.
05 #*four figure position regularly report time + ABC *#---------- SMS regularly report set up
(Four figure time intervals for HH: MM: (hour: minute), when the HH = 99/00 or empty will not report
A - PSTN faults whether report, 1 report, others not report
B - PSTN fault been recovery whether report, 1 report, others not report
C - Starting up whether report, 1 report, others not report)
06#*IP of alarm receiving center & port *#---------set up IP of alarm receiving center & port, only support UDP
For example: 06#*202*105*88*6#1159*#------means IP of alarm receiving center & port is "202.105.88.6:1159"
(* means IP interval, # means port interval)
07#* telephone number of first alarm receiving center *#------set up first group telephone number of alarm receiving center.
08#*telephone number of second alarm receiving center *#------set up second group telephone number of alarm receiving center.
09#* IP of second group alarm receiving center & port *#------set up IP of alarm receiving center & port, only support UDP
For example: 09#*202*105*88*5#1159*#------means IP of alarm receiving center & port is "202.105.88.5:1159"
(* means IP interval, # means port interval)
88 # *: exit program
99 # * * #: delete all program, turn back to factory setting

3. Program by SMS
(00-09 can be program by send SMS)

(1)program

(0136+1234-71)<00>22331

0316 means code of this alarm panel,1234 is password,71 is program control fix code,00 is program address ,22331 is the contend of program.

(2)check

(0136+1234-00)<03>

0136 is code of alarm panel ,1234 is password ,00 is check fix code,03 is the program address which you want to check.

4. Technical parameters

Working voltage	DC 9-15V
Standby current	12V/50mA
The working current flow (wireless transmitting)	12V/220mA
Largest wireless transmission power	2W/900MHz,1W/1.8GHz
Radio frequency	GSM900/1800MHz
working conditions	Temperature -20℃~55℃, Humidity95%
Dimension(L*W*H)	99mmX120mmX30mm
Weight	200g