

Calculator Type Infrared Sensors Monitoring

OTP-GSM98IR



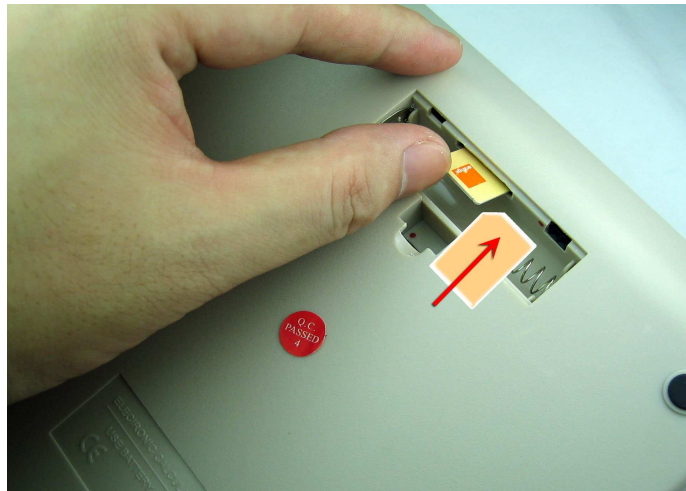
Specifications:

GSM tri band module :	900/1800/1900 MHz
Voice sensitive :	-75db
Standby power consumption :	8mAh
Working power consumption :	200mAh
Power :	3.7V 5200mA
Stanby time:	Up to 35days
Charger power:	5VDC at 500mA
Dimension:	170x160x50mm
Filter mode :	4 sensitivity voice filter
Alert mode :	3 SMS number&1 calling number
Control mode:	SMS control

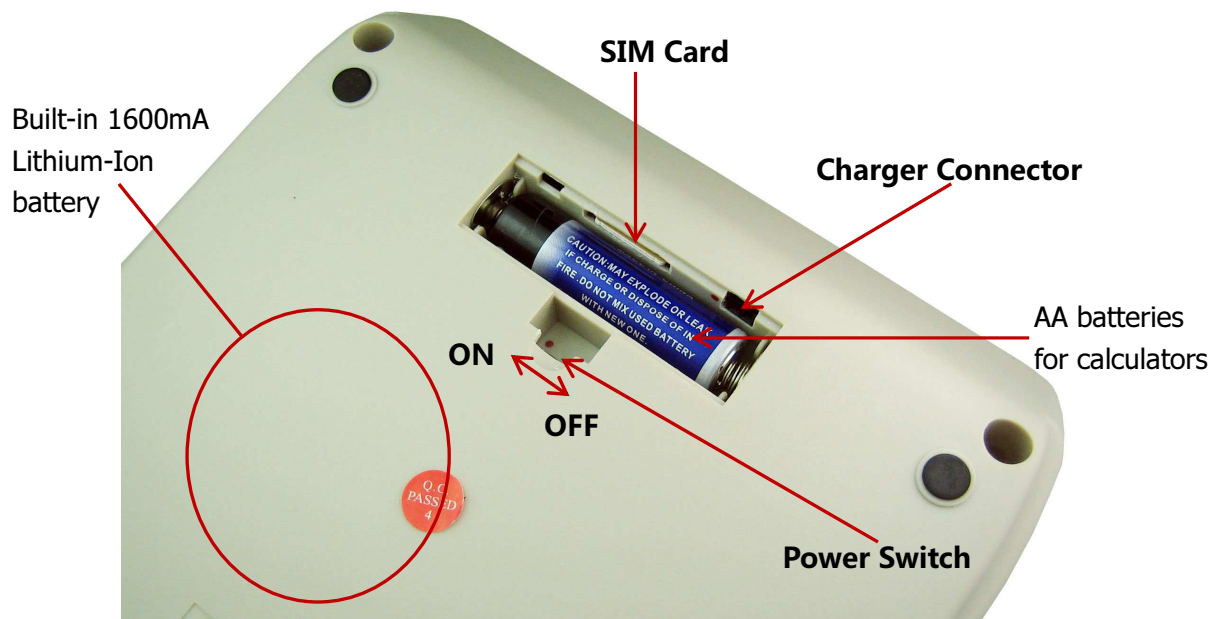


Quick start :

Step: 1. Insert SIM card (SIM card must without any password)



Step: 2. Turn power on, device began to work.



Step: 3. Set calling number for device by using SMS

Code+01+Phone number for first number

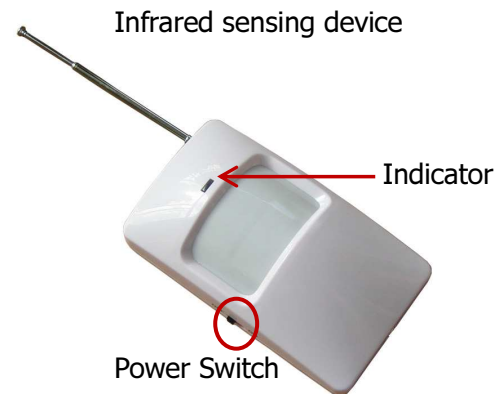
Example : the code is 968 , the phone number will be set is 0912345678

968010912345678 (send to number inside device SIM card)

Will return "0912345678" →1 OK

Step: 4. Set infrared sensor active monitoring

1. Switch on infrared sensing device
2. Send SMS: **XXX051** (xxx is the host code)
switch on IR active alarm mode



SMS functions

SMS functions

Function	active	deactivate
Setting first alert number	01	
Setting second alert number	02	
Setting third alert number	03	
Voice active function	041	040
Infrared active function	051	050
Voice sensitivity low	060	
Voice sensitivity middle	061	
Voice sensitivity high	062	
Voice sensitivity super high	063	
Phone filter function	071	070
Status	08	

A. Phone book saving number

1. Send SMS XXX##???? for the number add to phone book :

XXX = device password (3 characters)

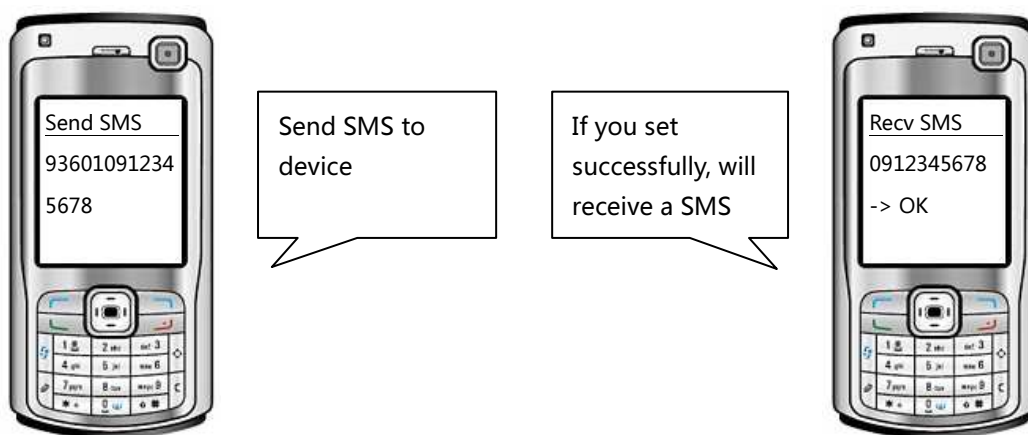
##: **01**=first phone number, **02**=second phone number, **03**=third phone number

????= phone number will save to memory.

For example: the device password is 936

- A. **936010912345678** sending SMS to device SIM card number. And will return

"0912345678" => **1" OK** . The first phone number 0912345678 succeed save to the SIM memory



- B. **936020933513368** send SMS to device SIM card number. And will return

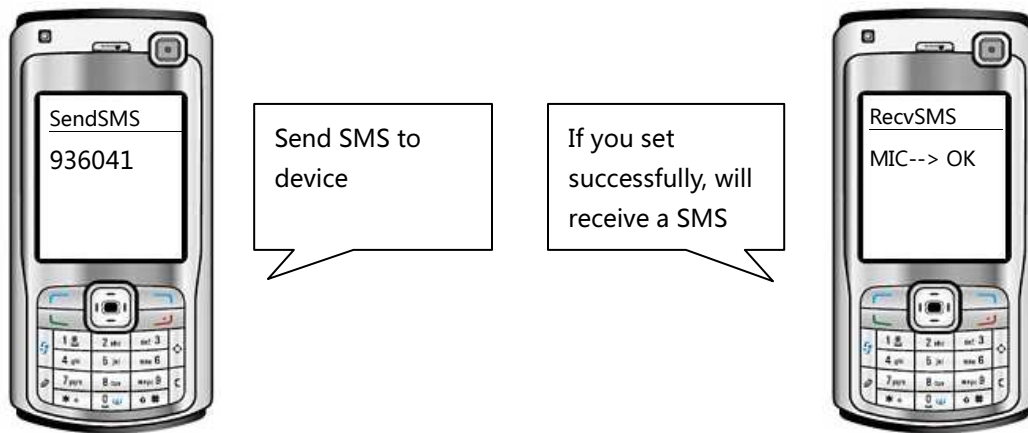
"0933513368" => **2" OK** . The second phone number 0933513368 succeed save to the SIM memory

- C. **936030925168166** send SMS to device SIM card number. And will return

"0925168166" => **3" OK** . The third phone number 0925168166 succeed save to the SIM memory

B. Voice active mode on/off switch

1. Send SMS: **XXX041** = switch on voice active alarm mode → Return SMS: MIC-ON



2. Send SMS: **XXX040** = switch off voice active alarm mode → Return SMS: MIC-OFF

C. Shock active mode on/off switch

1. Send SMS: **XXX051** = switch on IR active alarm mode → Return SMS: IR-ON
2. Send SMS: **XXX050** = switch off IR active alarm mode → Return SMS: IR-OFF

D. Set microphone sensitive

1. Send SMS: **XXX060** = to set microphone sensitive low = 0 → Return SMS: MIC=0
2. Send SMS: **XXX061** = to set microphone sensitive Normal =1 → Return SMS: MIC=1
3. Send SMS: **XXX062** = to set microphone sensitive High =2 → Return SMS: MIC=2
4. Send SMS: **XXX063** = to set microphone sensitive Super high =3 → Return SMS: MIC=3

E. Phone filter

1. Send SMS: **XXX071** = to active phone filter → Return SMS: PHONE FILTER→ON
2. Send SMS: **XXX070** = to deactivate phone filter → Return SMS: PHONE FILTER→OFF

F. Get setting status

Send SMS: **XXX08** = to get setting status

Response =

STATUS:

MIC ALERT=OFF → for microphone voice active status

MIC=1 MID → for voice active sensitivity middle filter voice

SHOCK ALERT=OFF → for shock alert status

PHONE FILTER=OFF → for phone filter status

PHONE FILTER NUMBER → number filter allowed to monitor

-1:0912345678

-2:0912398778

-3:0912312345

BATTERY=3.89V → current battery level

Note :

1. Only first alert number will be call by unit, the others number only will received alert SMS.
2. How to get your code send 912 through SMS and module will send code: XXX
3. Please do not put any password in the SIM card
4. When voice scanner is turn on using SMS the scanning function will begin, the first Voice detected then will delay for 5 seconds, then waiting for the seconds Voice active detect, if any of Voice active detect in 15 seconds the voice detect will begin for the first detect mode, if in 15 seconds the seconds voice active will made cal l for the setting number.