



Feature:

1. Voice active monitoring, when detect voice level higher then voice setting sensitivity, the module will send SMS and making call automatically.

2. Can set 4 sensitivity voice level of the microphone for detect voice in the area.
3. Can be able turn off the voice detect function through SMS
4. The microphone sensitivity can be set through SMS,
5. Internal shock active monitoring, the module will send SMS and making call when detect the internal shock vibration.
6. Can be set ON or OFF for shock vibration through SMS

## Specification

~Network	: GSM 900/1800/1900
~Power consumption	: 20mA standby mode : 200mA monitoring mode
~Audio Surveillance	: -75db
~Voice active method	: Environment voice filtering, directed human voice sensor.
~Shock active method	: Internal Shock active sensor.
~Device configuration method	: Password protected SMS Text message
~Active way	: Voice active alert through SMS and call back.
~Battery	: 3. 7Vdc at 900mAh
~Dimension	: 42x33x12 mm (include 900mAh battery pack)
~Charge voltage	: 5V-6VDC 500mA
~Charger input volt	: 100-240VAC

## MANUAL

### SMS function for phone book number.

1. Phone book Sending SMS **XXX##????** for the first number add to phone book :

**XXX** = 3 password

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

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

For example: the code for module is 936

EX: A. **936010912345678** sending using SMS to module SIM card number. And will return

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

B. **936020933513368** sending using SMS to module SIM card number. And will return “0933513368” =>1”OK . The second phone number 0933513368 succeed save to the SIM memory

C. **936030925168166** sending using SMS to module SIM card number. And will return “0925168166” =>1”OK . The third phone number 0925168166 succeed save to the SIM memory.

2. **XXX041** send = to active microphone scanning →response= MIC-ON

3. **XXX040** send = to deactivate microphone scanning →response= MIC-OFF

4. **XXX051** send = to active shock detection →response= SHOCK-ON

5. **XXX050** send = to deactivate shock detection →response= SHOCK-OFF

6. **XXX060** send = to set microphone sensitive low = 0 →response MIC=0
7. **XXX061** send = to set microphone sensitive Normal =1 →response MIC=1
8. **XXX062** send = to set microphone sensitive High =2 →response MIC=2
9. **XXX063** send = to set microphone sensitive Super high =3 →response MIC=3

~How to get your code : send 912 through SMS and module will send code: **XXX**

~Please do not put any password in the SIM card.

~When power on the module the service led begin flashing for every second, till search for network is succeed the service led will flash for half second and off for 3 seconds.

~The led beside active microphone is sense led when detect voice higher than setting.

~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 call for the setting number.

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First detect mode ----delay for 5 sec-----waiting 15 sec for seconds active voice---