Multi 3G MODULE

Content

Quick start

1. Insert SIM Card and Micro SD Card
   (If the device there is no SIM Card or Micro SD Card, the device will not be used. Before you start, you must insert the SIM card and Micro SD card.)
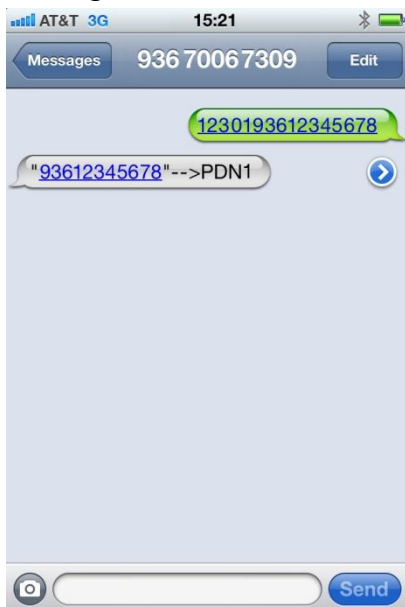
   SIM Card

   Micro SD Card

2. Turn on the power.
   When all the led indicator light turns off, the device status is normal, has entered the work state.

   OFF

   ON

   Power Switch

3. Setting first alert number
   Assuming the first alert number is 93612345678, device password is 123
   sending SMS 1230193612345678 to the target device

   ```
   AT&T 3G          15:21
   Messages    936 7006 7309    Edit

                     12301193612345678

   "93612345678"-->PDN1

                                  Send
   ```

Features

Easy to modify in device you want to monitor, such as the infant room at home. When you are in the office, would like to see the baby at home what they are doing, Just easily call from Your mobile phone with video call and monitor to the device, Device will be automatically connected to the phone calls, and send video and sound, real-time monitoring without any sound alert to device.

This device is the use of 3G mobile phone network transmission of video filming, no limit for distance and time.

You can just put and go to monitor the real time video and audio and record when you need. You can also hide in his car or office areas. See the work situation

- Recording video/ voice or take picture and can be sent to your Email.

Record video/voice or take picture when detect sensor send to email after done

- Log-email at any time to view records.
- Recording video or voice and can be save to SD Storage Card
- Video call to setting number when detect alert from module.
- Make video call with live video and audio monitor, press command to record when needed.
- Not limited time, place, distance, would like to monitor, only need to dial numbers.
- Location CellID via SMS and Email with Google link up to street level.

Cell Tower Location via SMS

- Automatically record and send video to your pre define Email.
- No need touch device after placed it, just put and go, all be done wireless and send to Email.
- WCDMA 3G signal, worldwide network.
- Phone filter. Monitor the device with only setting number in device, and will reject other number.
- Send command to record voice or video to your email with time paste.
- Mini size easy to hide and go.

Specifications

Network	WCDMA(3G),GSM 900/1800/1900
Camera	30 Mega pixel CMOS camera, with low illumination
Image sensor	640x480 Picture
Video Resolution	320x240 Mp4 file
Audio recording	With light AMR format
Battery	1200mA with 3 days stand by and 4 hours working
Micro SD	Support up to 32GB Micro SD card
Dimension	43 x 40 x 17mm
Weight	35g

Keys and Parts

Mini USB
Power Supply DC5V

Micro SD Card Slot

SIM Card Slot

External sensor connector

Red LED Indicator

Yellow LED Indicator

Blue LED Indicator

camera

OFF

ON

Power Switch

LED Indicators	Explanation
Red	When power on at the first time red on = No Micro SD card , Please insert SD card, and red LED will turn OFF. And enter to standby mode Note: Device will not work without any SD card inside
Yellow	Off = Install Device success
Blue	Off = registration network success , ON when the first time power on device.

Accessory includes

Micro SD Card (optional)	Infrared sensors.	charger

SMS Commands

Command(xxx = device password)	Description
xxx01PhoneNumber1	Setting first alert number
xxx02PhoneNumber2	Setting second alert number
xxx03PhoneNumber1	Setting third alert number
xxx01#	Delete the first alert number
xxx02#	Delete the second alert number
xxx03#	Delete the third alert number
xxx040	Deactive shock vibration alarm sensor
xxx041	Active shock vibration alarm sensor and make Video call when detect sensor
xxx042	Active shock vibration alarm sensor and make Voice call when detect sensor
xxx043	Active shock vibration alarm sensor , record video when detect sensor , send to email after done
xxx044	Active shock vibration alarm sensor , record voice when detect sensor , send to email after done
xxx046	Active shock vibration alarm sensor , take picture when detect sensor , send to email after done
xxx050	Deactive external detect sensor
xxx051	Active external detect sensor and make Video call when detect sensor
xxx052	Active external detect sensor and make Voice call when detect sensor
xxx053	Active eternal detect sensor , record video when detect sensor , send to email after done
xxx054	Active eternal detect sensor , record voice when detect sensor , send to email after done
xxx056	Active eternal detect sensor , take picture when detect sensor , send to email after done
xxx060	Deactive voice sensor
xxx061,1/2/3	Active voice sensor and make Video call when detect sensor (1/2/3: set voice sensitivity, 1: Low, 2: medium, 3: High)
xxx062,1/2/3	Active voice sensor and make Voice call when detect sensor
xxx063,1/2/3	Active voice sensor, record video when detect sensor , send to email after done
xxx064,1/2/3	Active voice sensor, record voice when detect sensor , send to email after done
xxx066,1/2/3	Active voice sensor, take picture when detect sensor , send to email after done
xxx070	To deactive phone filter any number call to device will auto answer and make monitor

xxx071	Only 3 PDN call to device able to be auto answer and make monitor.
xxx08Time,Resolution,Frame	Video and voice recording time setting if alarm setting to active mode and set to video or voice record Time= 15, 30, 60, 120, 240, 360, 600 seconds Resolution= 0 or 1 (0 = 176x144 , 1=320x240) Frame=0, 1, 2 (0=8FPS , 1=10FPS , 2=15FPS)
XXX09time	(time=1 ,3, 5, 10, 20, 30 min delay) For setting delay sensor time every alert or every sensor (this setting to avoid alert continuous detection) Delay xx time after alarm is detect and send SMS and makes alert activation, in the delay timing, every sensor is detect, the delay time will reset timing to xx min.
xxx101*YYMMDD,HHMMSS#	Time and Date Setting
xxx102*mail@mail.com	Email Account Setting
xxx102#EmailPassword.	Email Password Setting
xxx103*SMTP Server	SMTP Server Setting
xxx103#SMTP Server Port	SMTP Server Port Setting
xxx104*APN	GPRS APN Setting

xxx108Time,Resolution,Frame,To	Record video by command
	-Note: sending email will make longer time when the recording time is increase
	-Not recommended video recording send to email higher than 30 seconds
	-How to make recording with Night mode Video, call with Video call and press # for night mode and end video call
	Time= 15, 30, 60, 90, 120, 240, 360, 600 seconds
	Resolution = 0 or 1 (0= 176x144 , 1=320x240)
	Frame = 0, 1, 2 (0 = 8FPS , 1=10FPS , 2=15FPS)
	To = 0 or 1 (0 =save to SD , 1= send to EMAIL)

xxx109Time,To	Record voice by command Time = 1, 5, 10, 15, 30, 60 minutes To = 0 or 1 (0 =save to SD , 1= send to EMAIL) -Not recommended send to email higher than 10 min -File will be deleted after send to email
xxx888	View Device Status
xxx208	Location CID via SMS

	Press 1	Zoom Out
	Press 3	Zoom In
Call with video call and press	Press *	Recording
	Press 4	Darknes
	Press 6	Brightnes
	Press #	Night Shot mode

When fail send to Email, cause network problem, setting problem, the save file will not be deleted and will save to SD card, if success send to email will deleted from storage

Example

xxx = Device Password
assuming device password = 123

Setting the alert number

Assuming the first alert number is 93612345678, the second alert number is 93687654321 , the third alert number is 93676543218
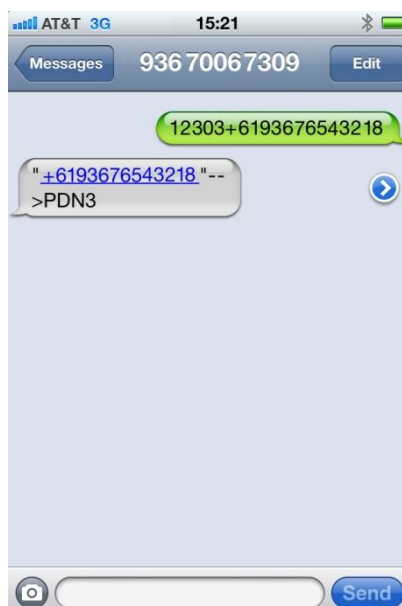
1. Setting the first alert number
    sending SMS 1230193612345678 to the target device

2. Setting the second alert number
    sending SMS 1230293687654321   to the target device

3. Setting the third alert number
    sending SMS 1230393676543218   to the target device

Alert number can be international format or not

Delete the alert number

1. Delete the first alert number
   Sending SMS 12301#　to the target device

2. Delete the second alert number
   Sending SMS 12302#　to the target device

3. Delete the third alert number
   Sending SMS 12303#　to the target device

Email and GPRS APN setting

Email account must be SMTP email service

For example, Email accounts is name@mail.com, Email password is 12345678, SMTP Server is smtp.mail.com. SMTP Port is 25.

1. Email Account setting
   Sending SMS xxx102*mail@mail.com to the target device

2. Email Password setting
   Sending SMS xxx102#12345678 to the target device

3. SMTP Server setting
   Sending SMS xxx103*smtp.mail.com to the target device
   (SMTP Server name not longer than 24 char)

4. SMTP Server Port setting
   Sending SMS xxx103#Port to the target device
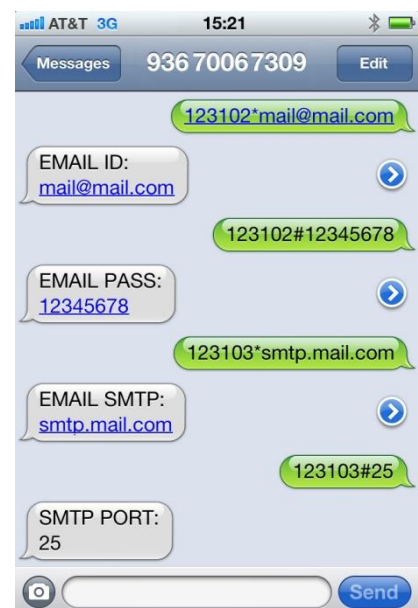
GPRS APN setting:

Ex: will set APN =eninet
Sending SMS xxx104*eninet to the target device
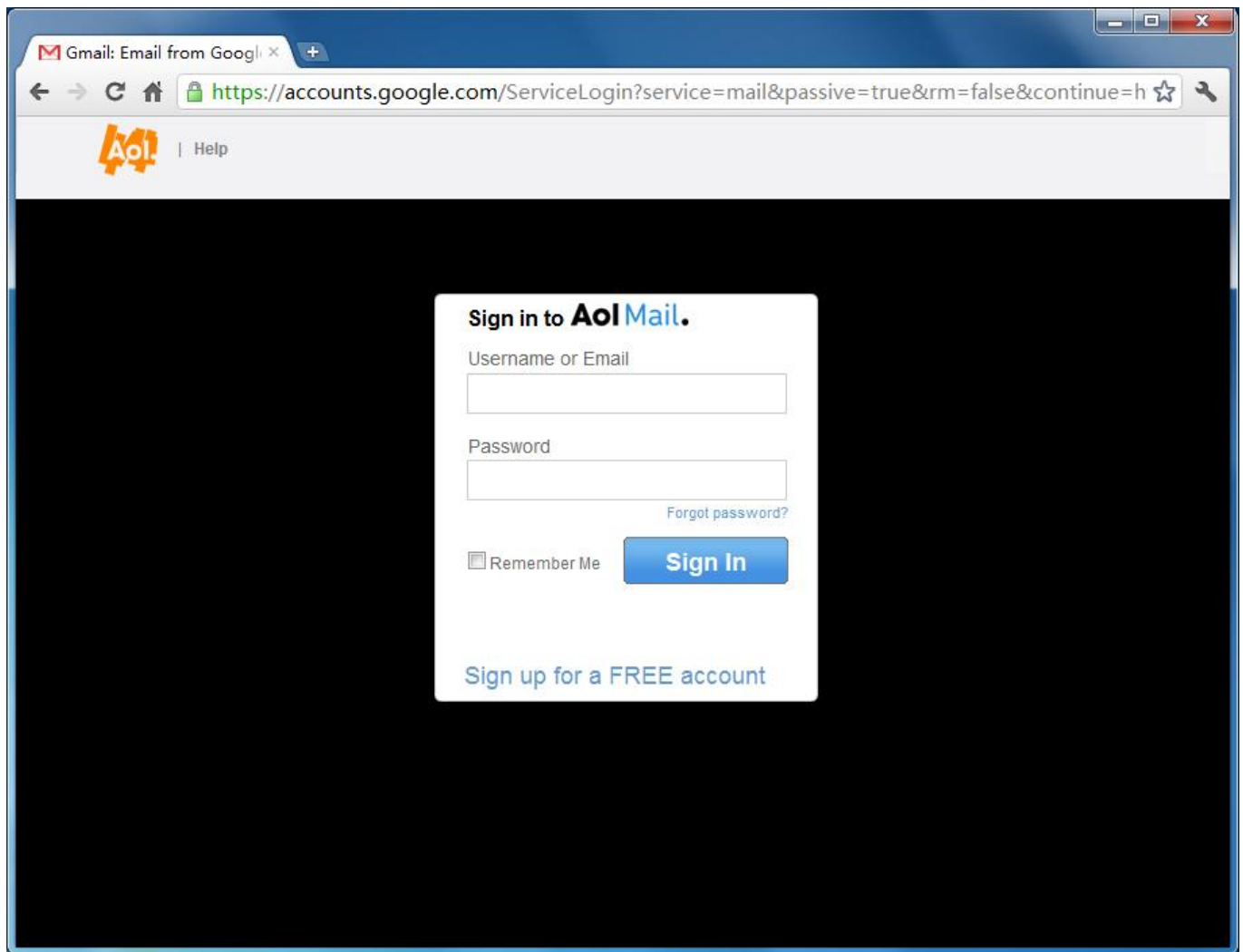
Setting Active for internal Shock alarm sensor

1. Active shock vibration alarm sensor and make Video call when detect sensor
    Sending SMS xxx041 to the target device

2. Active shock vibration alarm sensor and make Voice call when detect sensor
    Sending SMS xxx042 to the target device

3. Active shock vibration alarm sensor , record video when detect sensor , send to email after done
    Sending SMS xxx043 to the target device

Login email, view the records.

SHOCK Alarm active with date: 2011/10/12/ time: 23:05:38 with video record

SHOCK Alarm active with date: 2011/10/12/ time: 23:05:38 with video record

Location CELLID:

http://gpst5.com/cid.php?2A&1490427&359899030310327

Status info

1. SHOCK alarm with video record
2. EXT1 alarm with photo to EMAIL
3. EXT2 alarm OFF
4. Phone FILTER:OFF
PDN:
1:93687654321
2:
3:
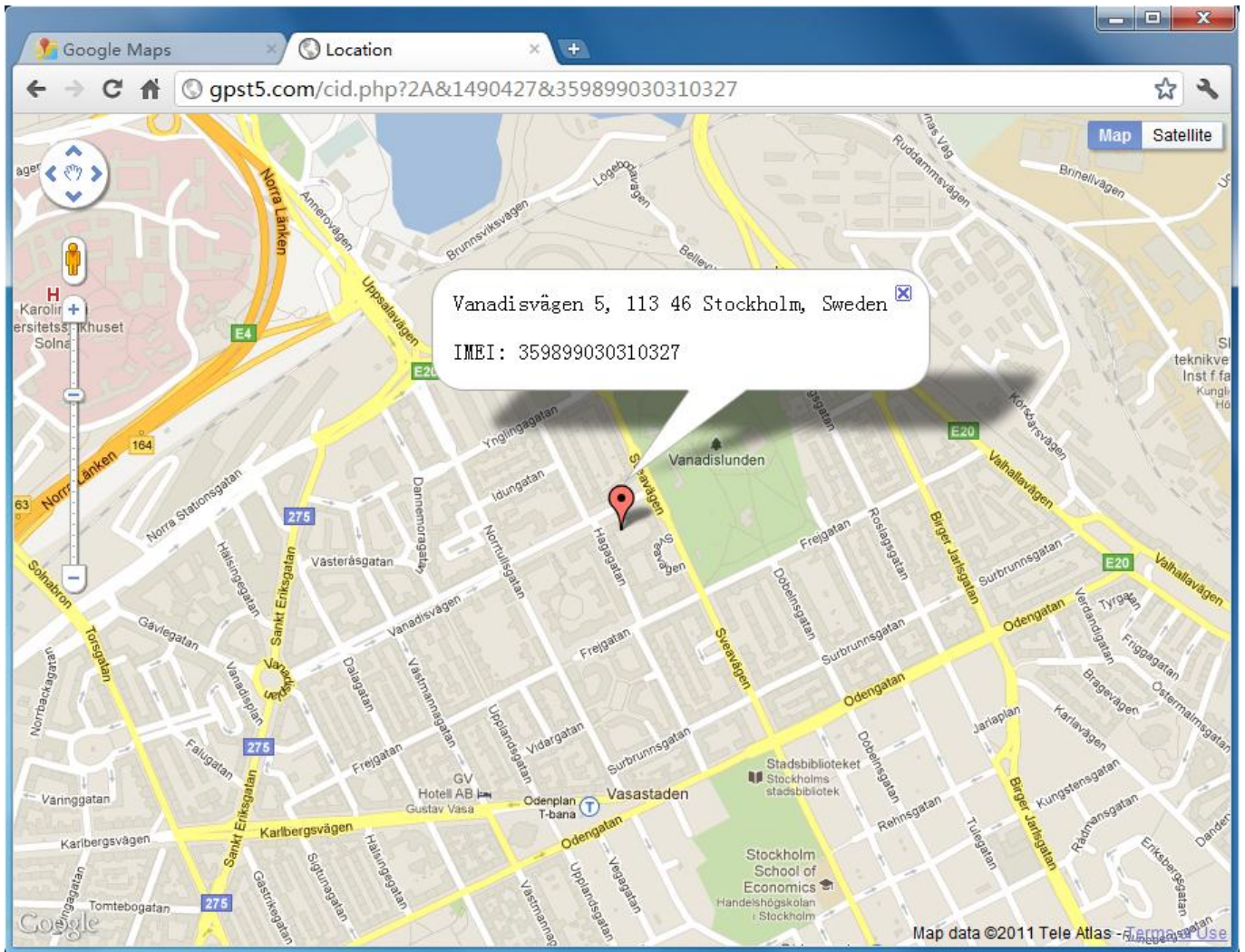IMEI:359899030310327
BATTERY:80%
LAC:2A CID:1490427
recording video
record time:15 Sec
size:320*240
frame: 8 Frame/sec
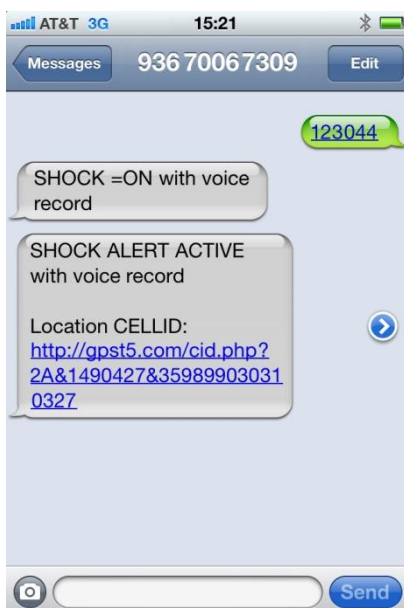Every ALERT or detection ACTIVE will delay 5 Min

20111012_230517.mp4
222K   Download

Reply   Forward

4. Active shock vibration alarm sensor , record voice when detect sensor , send to email after done
   Sending SMS xxx044 to the target device

Login email, view the records

SHOCK Alarm active with date: 2011/10/17/ time: 14:47:12 with voice record

SHOCK Alarm active with date: 2011/10/17/ time: 14:47:12 with voice record

Location CELLID:

http://gpst5.com/cid.php?2A&1490427&359769030310327

Status info

1. SHOCK alarm with voice record
2. EXT1 alarm OFF
3. EXT2 alarm OFF
4. Phone FILTER:OFF
PDN:
1:93687654321
2:93612345678
3:
IMEI:359899030310327
BATTERY:100%
LAC:2A CID:1490427
recording video
record time:15 Sec
size:320*240
frame: 10 Frame/sec
Every ALERT or detection ACTIVE will delay 5 Min

20111017_144651.amr
27K Download

Reply   Forward

5. Active shock vibration alarm sensor , take picture when detect sensor , send to email after done
   Sending SMS xxx046 to the target device

   Login email, view the records

6. Deactive shock vibration alarm sensor
   Sending SMS xxx040 to the target device
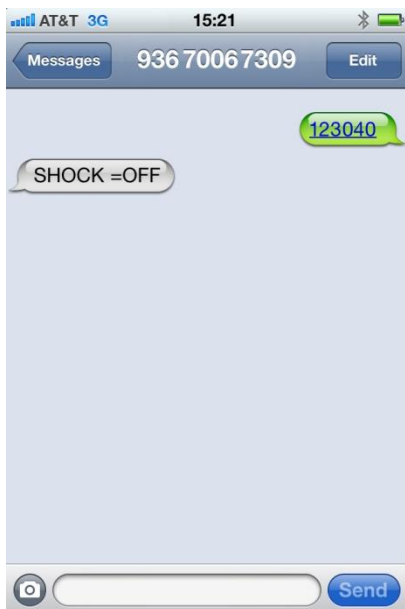
Setting Active for external alarm sensor

1. Deactive shock vibration alarm sensor
    Sending SMS xxx050 to the target device

2. Active external detect sensor and make Video call when detect sensor
    Sending SMS xxx051 to the target device

3. Active eternal detect sensor and make Voice call when detect sensor
    Sending SMS xxx052 to the target device

4. Active eternal detect sensor , record video when detect sensor , send to email after done
    Sending SMS xxx053 to the target device

5. Active eternal detect sensor , record voice when detect sensor , send to email after done
    Sending SMS xxx054 to the target device

6. Active eternal detect sensor , take picture when detect sensor , send to email after done
    Sending SMS xxx056 to the target device

Setting Voice Sensitive Sensor

1. Deactive voice sensor
    Sending SMS xxx060 to the target device

2. Active voice sensor and set the sensitivity high and make Video call when detect sensor
    Sending SMS xxx061,3 to the target device

3. Active voice sensor and set the sensitivity medium and make Voice call when detect sensor
    Sending SMS xxx062,2 to the target device

4. Active voice sensor and set the sensitivity low, record video when detect sensor , send to email after done
    Sending SMS xxx063,1 to the target device

5. Active voice sensor and set the sensitivity low, record voice when detect sensor , send to email after done
    Sending SMS xxx064,1 to the target device

6. Active voice sensor and set the sensitivity low, take picture when detect sensor , send to email after done
    Sending SMS xxx066,1 to the target device

Phone Filter

Setting Phone filter for making call to device
1. Deactive phone filter any number call to device will auto answer and make monitor
    Sending SMS xxx070 to the target device

2. Only 3 PDN call to device able to be auto answer and make monitor.
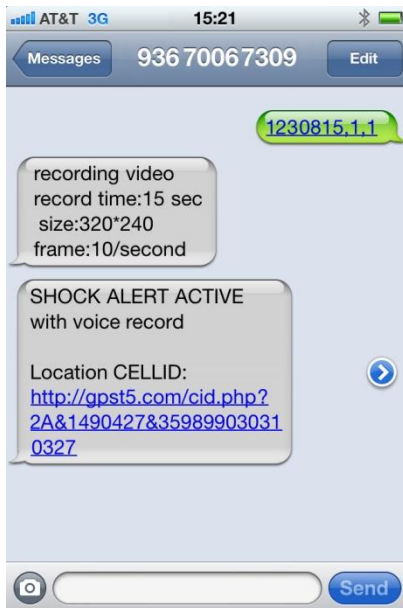   Sending SMS xxx071 to the target device

Video and voice recording time setting if alarm setting to active mode and set to video or voice record

Sending SMS xxx0815,1,1 to the target device

If video recording is in active mode , after detect sensor will -make vido recording for 15 seconds with video size 320x240 and 10 Frame/second and send to email

If voice record is in active mode will record 15 seconds room voice and send to email after done

How to make recording with Night mode Video, call with Video call and press # for night mode and end video call

For setting delay sensor time every alert or every sensor

(this setting to avoid alert continuous detection)

Sending SMS xxx095 to the target device

Delay 5 minutes after alarm is detect and send SMS and makes alert activation, in the delay timing, every sensor is detect, the delay time will reset timing to 5 minutes.

Time and date setting

Set Date and Time to : 2011/10/10   20:09:30 sec

Sending SMS xxx101*111010,200930# to the target device

Record video by command

Sending SMS xxx10815,1,1,1 to the target device
Will record 15 seconds video with resolution 320x240 for 10 frame/second   and send to Email
-Note: sending email will make longer time when the recording time is increase
-Not recommended video recording send to email higher than 10 seconds
-How to make recording with Night mode Video, call with Video call and press # for night mode and end video call
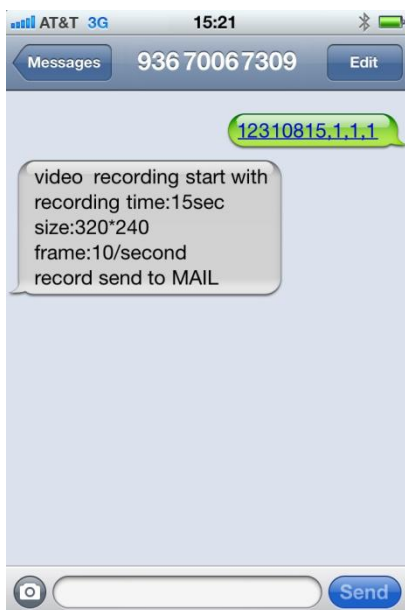
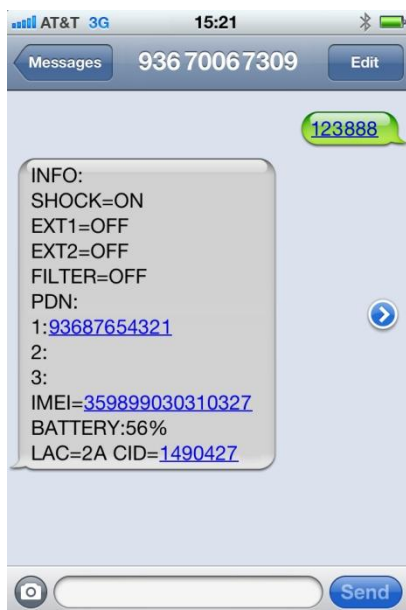## Record voice by command

Sending SMS xxx1095,1 to the target device
Will record 5 minutes voice and send to Email
-Not recommended send to email higher than 10 min
- File will be deleted after send to email

View device status

Sending SMS xxx888 to the target device

Location CID via SMS

Sending SMS xxx208 to the target device