

Tracker Configuration through SMS

1. History

- Dec 8th 2013: v2.0: remove command opcode 89.
- Aug 23rd 2013: v1.3: update command opcode 95.
- Jul 30th 2013: v1.2
 - o Update format of command opcode 4, 5.
 - o Change format of command opcode 88.
 - o Add command opcode 89: set Alarm count down time.
- Jul 15th 2013: Update as v1.1
 - o Change format of command opcode 4, 5.
 - o Add enable/disable DTMF command.
 - o Remove enable/disable auto answer command.
 - o Add example commands.
- Jun 17th 2013: Initial Version v1.0

2. Format

SMS sent to device has to follow this format:

Password,ABCFG,opcode,data1,data2,...,dataN

Where:

- Password: password to configure the tracker using SMS, default password is "12345678"
- ABCFG: configuration command
- opcode: an integer to select configuration item
- datax: data of the configuration command

3. Configuration items

a. Change SMS password

Opcode: 0

Password,ABCFG,0,newPassword

[Ex: 1234568,ABCFG,0,seniorcare](#)

b. Change GPRS settings

Opcode: 1

Password,ABCFG,1,gprsApn,gprsUser,gprsPassword

[Ex: 12345678,ABCFG,1,internet,mms,mms](#)

c. Change data server domain**Opcode: 4**

Password,ABCFG,4,server,domain,port

server = 0: primary server

server = 1: secondary server

0 < port <= 65535

[Ex: 12345678,ABCFG,4,0,http://trackingatoz.vn,4050](#)**d. Change data server IP****Opcode: 5**

Password,ABCFG,5,server,ip,port

server = 0: primary server

server = 1: secondary server

IP should be in form of: 192.168.1.135

0 < port <= 65535

[Ex: 12345678,ABCFG,5,1,118.69.60.174,4050](#)**e. Load default configuration****Opcode: 13**

Password,ABCFG,13

[Ex: 12345678,ABCFG,13](#)**f. Change device's user name****Opcode: 14**

Password,ABCFG,14,newUserName

[Ex: 12345678,ABCFG,14,maximus](#)**g. Change report interval****Opcode: 16**

Password,ABCFG,16,reportInterval

Report interval unit is minute. Range: [1, 30]

[Ex: 12345678,ABCFG,16,15](#)**h. Reset device****Opcode: 40**

Password,ABCFG,40

[Ex: 12345678,ABCFG,40](#)

i. Enable/Disable DTMF**Opcode: 66**

Password,ABCFG,66,enable

enable = 1: enable DTMF

enable = 0: disable DTMF

[Ex: 12345678,ABCFG,66,1](#)**j. Change No Movement Alarm settings****Opcode: 77**

Password,ABCFG,77,interval

Interval unit is minute.

To enable No Movement Alarm, set interval > 0 and <= 720

To disable No Movement Alarm, set interval = 0

[Ex:](#)[Enable No Movement Alarm: 12345678,ABCFG,77,120](#)[Disable No Movement Alarm: 12345678,ABCFG,77,0](#)**k. Enable/Disable Man Down Alarm****Opcode: 80**

Password,ABCFG,80,enable

enable = 1: enable Man Down Alarm

enable = 0: disable Man Down Alarm

[Ex: 12345678,ABCFG,80,1](#)**l. Change Lone Worker Alarm settings****Opcode: 88**

Password,ABCFG,88,interval

Interval unit is minute.

To enable Lone Worker Alarm, set interval > 0 and <= 720

To disable Lone Worker Alarm, set interval = 0

[Ex:](#)[Enable Lone Worker Alarm for 20 minutes: 12345678,ABCFG,88,20](#)[Disable Lone Worker Alarm: 12345678,ABCFG,88,0](#)

m. Change Alarm Countdown Time**Opcode: 89**

Password,ABCFG,89,countdown

Countdown time unit is second. Range: [5, 30]

[Ex: 12345678,ABCFG,89,20](#)**n. Change language****Opcode: 92**

Password,ABCFG,92,language

0 <= language <= 8

0: English

2: Chinese

[Ex: 12345678,ABCFG,92,0](#)**o. Add Contact to phone book****Opcode: 93**

Password,ABCFG,93,contactNo,name,phone

0 <= contactNo <= 5

[Ex: 12345678,ABCFG,93,0,maximus,0906123456](#)**p. Remove Contact from phone book****Opcode: 94**

Password,ABCFG,94,contactNo

0 <= contactNo <= 5

[Ex: 12345678,ABCFG,94,0](#)**q. Setup GEO Fence****Opcode: 95**

Password,ABCFG,95,geoFenceNo ,latitude,longitude,radius,time

0 <= geoFenceNo <= 9

0 < radius < 100000

0 < time < 720

Radius unit is meter.

Time unit is minute.

Ex: 12345678,ABCFG,95,0,20.77,106.66,205.5,20

r. Disable GEO Fence

Opcode: 96

Password,ABCFG,96,geoFenceNo

0 <= geoFenceNo <= 9

Ex: 12345678,ABCFG,96,0