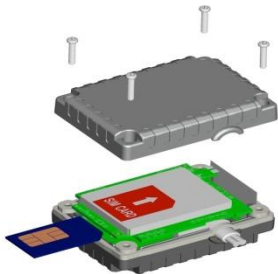


INSTALLATION SERIES USER GUIDE

1. Product Image



a.



b.



c.



d.



e.



f.



g.

Models List

- a. T0024/T0024FC/T0024ACC
- b. T4024/T4024FC/T4024ACC
- c. T8124/T8124BMG/T8124BMW/T8124FC
- d. T1124/T1124BMG/T1124BMW/T1124FC
- e. T6124/T6024/T6124ACC
- f. T3124
- g. T5124

Content of the packaging

- a. Tracking device
- b. Screwdriver and screws
- c. User Guide

2. Installation Manual

2.1 SIM Card Pre-installation, specification note

- a. GSM Normal SIM Only
- b. SIM card should have its GPRS function enabled.
- d. SMS request will function only if Caller ID function is enabled.

2.2 SIM Card Installations and Removal

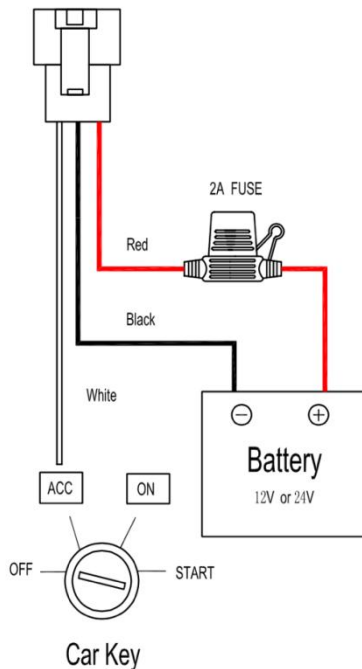
- Open the SIM card cover with provided screwdriver or open the waterproof rubber
- Insert SIM card into the SIM slot, metal face up, clipped corner to the right.
- Call the device SIM number and it is supposed to get through without answer. (if you are using a data SIM which is not supporting call function, ignore this step.)
- Ensure the waterproof rubber or SIM cover is closed after SIM installation

2.3 Device Installations

- Avoid all metal environment to make sure device is able to receive GSM and GPS signal.
- Avoid high temperature environment like above the car engine
- Red power input cable should be connected with the battery positive side.
- Black power input cable should be connected with the battery negative side.

2.3.1 ACC Device Installations

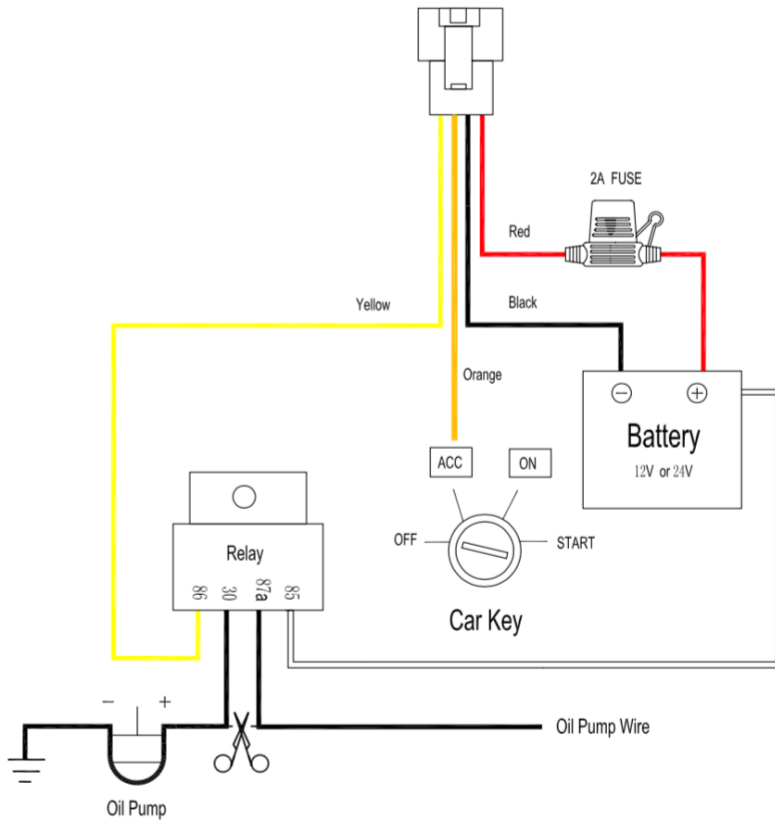
Suitable for devices support ACC function only. Please check your models number in Hardware Specification to confirm.



- Red cable connects to positive pole.
- Black cable connects to negative pole.
- White cable connects to ACC ignition.

2.3.2 Immobilisation Device Installation

Suitable for models support Immobilisation (Fuel Cut) function only. Please check your models number in Hardware Specification to confirm.



Please select 12V or 24V relay according to the car battery voltage

- Red cable connects to positive pole.
- Black cable connects to negative pole.
- Orange cable from device connects to ACC ignition.
- White cable from relay 85 connects to the positive pole
- Yellow cable from device connects to reply 86 .
- Cut off the positive connection wire of the pump, connects with the 2 green wires from relay 30 and 87a

App User Guide

A login form with two input fields: 'Username' (with a person icon) and 'Password' (with a lock icon and an eye icon for visibility). Below the fields are two buttons: 'Register' (grey) and 'Login' (blue).

1. Tracking via website and applications

Tracking Website: www.miitown.com
QR Codes of IOS and Android app are at the bottom of the front page, please scan and download.

Username: Registered Master phone number.
Password: Default as 123456.

2.1 Register an Account

2.1.1 Set APN

APN is Access Point Name. The correct APN must be set to enable the device to send data to the server. Different SIM has different APN, make sure you have confirmed the correct APN information with the SIM provider when you purchase the SIM

A screenshot of the 'Register' screen. At the top, there's a header with '< Back' and 'Register'. Below it, there are two main options: 'APN Setting' (with a circular arrow icon) and 'Register Account' (with a checkmark icon). Under 'APN Setting', there's a text box: 'User has to set APN to enable device connect GRPS network for data transfer. Please confirm the correct APN information with the Sim provider'. Under 'Register Account', there's a text box: 'Register master number. Device will be activated when master registration is done. Please confirm APN correctly set.'

A screenshot of the 'APN Setting' screen. At the top, there's a header with '< Back' and 'APN Setting'. Below it, there's a section 'Set Phone number in the device' with a text input field containing 'Country code is required'. A note says 'Some APNs do not require user name and password.' Below that, there are four input fields: 'APN', 'User name', and 'Password'. At the bottom, there is a blue 'Submit' button.

Table underneath is sample of the popular operator data. Please consult the website of your operator to find the APN settings of your SIM.

Operator	APN	Username	Password
KPN (NL)	internet	-	-
Orange (PL)	internet	internet	internet
T-Mobile (US)	internet2.vociestream.com	-	-
Vodafone (NZ)	www.vodafone.net.nz	-	-
O2 (DE)	internet	-	-
TIM (IT)	inbox.tim.it	-	-
Mobistar (BE)	web.pro.be	mobistar	mobistar
AirTel (IN)	airtelgprs.com	-	-
Orange (FR)	orange.fr	orange	orange

2.1.2 Registering Account

A. Make sure you put the land code before your phone number and you let out the first 0 of your number.

e.g.: +31612345676 for NL an +32475123456 for Belgium

B. 123456 is the default login password. And it can be changed on the tracking website at **www.miitown.com**

< Back
Register Account

Phone Number in the Device

Master number is the only phone number controls the tracking device via SMS after registration. And it is also the login username of the tracking website and app.

Master Phone Number (Username)

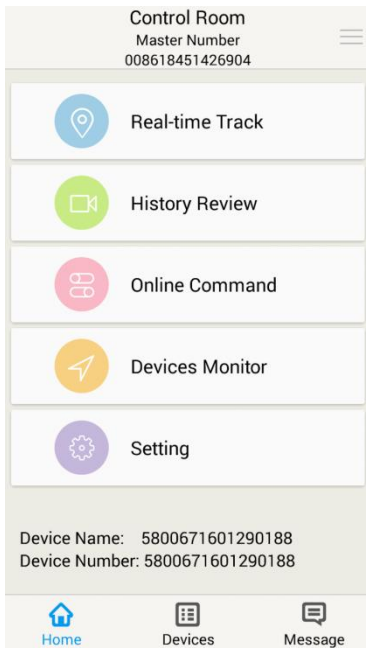
Password

Confirm Password

3. Control Room

Home

Function list of the app



Devices	
<input checked="" type="checkbox"/>	0024601402260074 0024601402260074
<input type="checkbox"/>	0024601402270074 0024601402270074
<input type="checkbox"/>	0024601402270081 0024601402270081

Devices

Show all number devices under the same account. Tap the device's serial number to select the one you need to control.

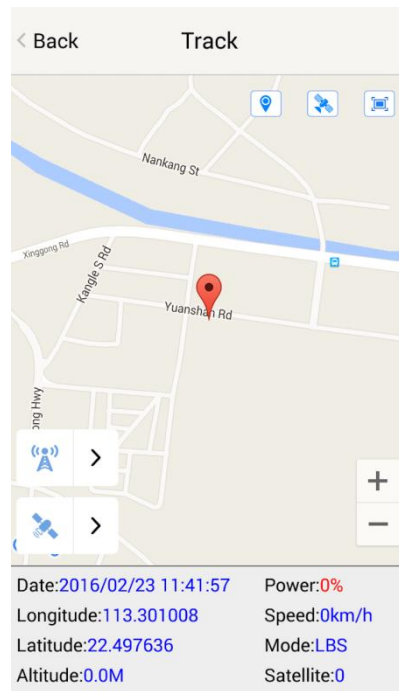


3.1 Real-time Tracking

To get latest location of the device.

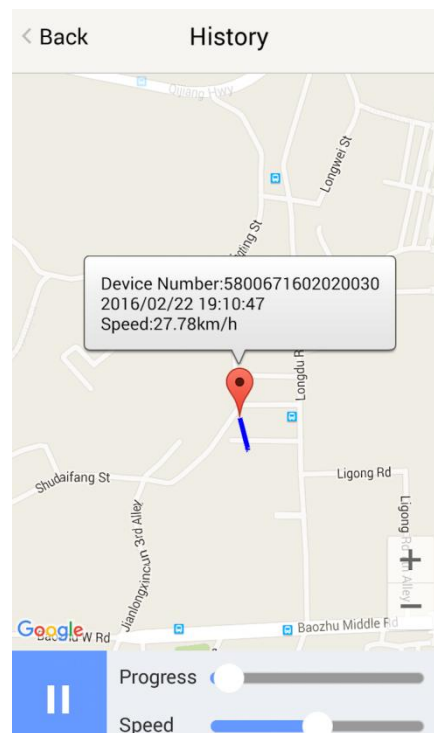
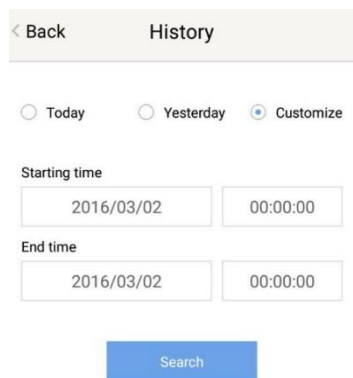
Tap to get GSM location

Tap to get GPS location



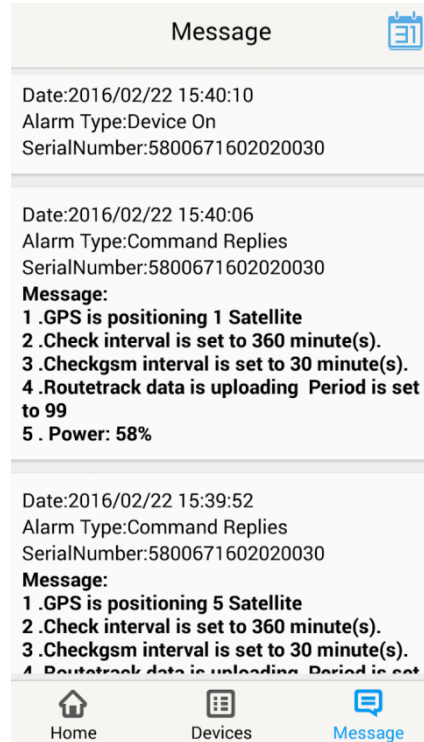
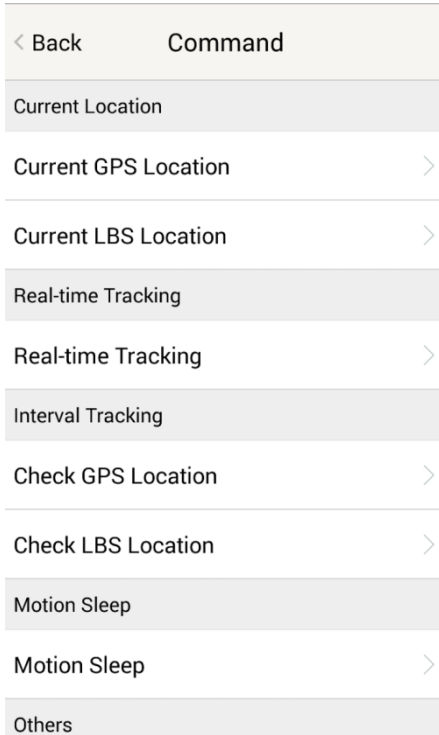
3.2 History Review

To view the previous location record of the selected device.



3.3 Online Command

Online Command can control device from APP via SMS, so SMS cost will be charged by the SIM provider of your smartphone, when you send these commands. And all replies from the device will be sent back to app via GPRS data, so replies will be shown as push notification, and all records can be checked in the message section.



3.3.1 Current GPS Location

To update the latest GPS location of the device. The latest location will be uploaded to website and app map.

3.3.2 Current LBS Location

To update the latest GSM location of the device. The latest location will be uploaded to website and app map.

3.3.3 Real-time Tracking

Enables device to upload 6 locations to server every minute when device is **in motion**.

3.3.4 Check GPS Location

Device will upload GPS location in appointed interval. **Only when device is in motion**. Default as 1GPS location uploads every 72 hours.

3.3.5 Check LBS Location

Device will upload GSM location in appointed interval. **No matter device is in motion or not**. Default as 1GSM location every 30 minutes.

Check LBS function is the best power saving tracking function, but distance inaccuracy could up to 1KM

3.3.6 Deep Sleep

Device will go to deep sleep mode and wake up after appointed interval, and will be stay awake for 12 minutes. If there is no new commands received in 12 minutes, device will go back to deep sleep mode for the next set interval.

The phone function will be off during deep sleep, and no call or SMS can be replied until device wakes up.

3.3.7 Motion Sleep

Device will go to deep sleep mode and wake up when motion is detected, and will be stay awake for 12 minutes.. If there is no new commands received in 12 minutes, device will go back to deep sleep mode until the next motion is detected.

The phone function will be off during deep sleep, and no call or SMS can be replied until device wakes up.

3.3.8 Others

3.3.8.1 Status Query

Check system status, replies will be shown in the message section

3.3.8.2 Device Information

Check software edition information and device's serial number. Replies will be shown in the message section.

3.4 Device Monitor

All devices will be shown in the latest location.

Note:

- 1. Interface of the App you download could be different from the screenshot in the user manual since it is kept updated.**
- 2. Certain functions in the App might not support the model you purchase. Please check the following SMS Command Operating Guide to confirm detail functions list of your tracker.**

SMS Commands Operating Guide

SMS commands are for non-smartphone user, or who would like to control the device through SMS commands only, without using the App.

Please make sure the SIM card you insert in the device support sending SMS function, otherwise you won't be able to receive any command reply

1. Registration

1.1 Set APN

APN is Access Point Name. The correct APN must be set to enable the device to connect network and send data to the server. Different SIMs have different APN, make sure you

have confirmed the correct APN information with the SIM provider when you purchase the SIM.

Command

apn* APN's name*username* password

Some APN goes without username and password, you can just leave them blank.

Example: Orange France

APN: orange.fr

Username: orange

Password: orange

**Correct command format *apn*orange.fr*
orange*orange***

Example: China Union

APN : uninet

Username: null

Password: null

Correct command format *apn*uninet*

Text Message
Fri, Nov 15, 1:06 PM

*apn*uninet*

Apn is set to uninet.
Username: null. Password:
null.

Your cell phone will receive confirmation saying that the appointed APN is set (See screenshot).

1.2 Registering the “Master” Controller

A. Use cellphone to send SMS ***master*123456*+country code plus your cellphone number*** to the device SIM number. 123456 is the default password, it can be changed by changing password command as showed on 1.3.

Example

master*123456*+319876543210 (+31 refers to Netherlands country code, 9876543210 refers to the cell phone number)

B. Once your cellphone receives the confirmation sms, it will become the only master phone to the tracker (See screenshot).

*master*123456*
+8615382706688*

NOTE: The device will ONLY listen and respond commands from this number unless you choose to turn on the multi controller function and open the device to any cell phone number.

Notice: Cell Phone
+8615382706688 is set to
master controller, the
password is 123456

1.3 Changing the Password

SMS: *password*654321* (654321 refers to new password)

Changing password command has to be sent only from the master number. And new password has to be applied to when you need to register the device with a new master number.

2. Motion Alert

The motion alert enables device triggered a call/sms alert when motion is detected, **after 3-minutes of non-movement.**

2.1 Set vibration sensitivity

There are 5 levels of the motion sensitivity. 1 being the most sensitive, 5 the least, default setting is 1.

SMS: *sensitive*1-5*

2.2 Set SMS/CALL Alert

There will be a Call/SMS alert sent to master number when any motion is detected, after 3 minutes of non-movement. **The system default setting is call alert, and can be turned off by command.**

SMS: *alertoff*

To turn off motion alert function.

SMS: *smsalert*

To enable motion sms alert function.

SMS: *callalert*

To enable motion call alert function.

3. Tracking via SMS

3.1 SMS: *locateaddress*

Master number will receive the GPS address of the device via SMS. If GPS location is invalid, device will reply the WiFi location, or the closest cell tower location instead.

3.2 SMS: *locatemap*

Master number will receive a Google map link. Click the link to view the map via cellphone browser. If GPS location is invalid, device will reply the map link of the WiFi location, or the closest cell tower location instead.

And this function is suitable for smart phone user only.

4. Tracking via website and applications

Tracking Website: www.miitown.com

ID: Registered Master phone number.

Password: Default as 123456.

It can be changed on the tracking website.

Recommended Web browsers are Chrome, Firefox or cell phone default browser.

4.1 Real-time Tracking (High Power Consumption)

Routetrack function enables device to upload 6 locations to server every minute when

device is **in motion**.

4.1.1 Routetrack

SMS: *routetrack*1-99*

1-98 represents the number of hours that the routetrack function works. 99 represents to turn the routetrack function always on.

Example

*routetrack*1* means uploading 6 location GPS data every minutes for 1 hour

4.1.1.1 Rsampling

Rsampling is to set routetrack data collecting interval.

The smaller interval, the higher accuracy, but the higher power consumption.

SMS *rsampling*1-999*

1-999 represents seconds of data collecting interval, default as 10 seconds

4.1.1.2 Rupload

Rupload is to set routetrack data upload interval.

The smaller interval, the higher accuracy, but the higher power consumption.

SMS *rupload*1-999*

60-999 represents seconds of data uploading interval, default as 60 seconds, **minimum rate should not be less than 60**

Example

*rsampling*30* plus *rupload*120* means 4 location data will be uploaded to server every 2 minutes when routetrack function is on.

SMS: *routetrackoff*

To turn off route track function.

4.2 Check GPS Location (Medium Power Consumption)

Check function enables device to upload GPS location in an appointed interval, **when device is in motion**. If GPS location is invalid, system will upload the WiFi location (for models support WiFi function), or the closest cell tower location instead.

SMS: *checkm*5-1800*

5-1800 represents the number of minutes that the device Check's data upload interval, **minimum rate should not be less than 5**.

Example

*checkm*360* means uploading WiFi/GPS data every 6 hours.

Note:

1. Check function is able to work with routetrack and Checkgsm functions at the same time.
2. System is default as *checkm*4320*. 1 location will be uploaded to server every 72 hours.
3. **Location will be uploaded to server when device is in motion.**

4.3 Check WiFi/GSM Location (Low Power Consumption)

Checkgsm function enables device to upload ONLY the WIFI/GSM location in appointed interval of time. Data will be uploaded to server on both occasions, i.e, if the device is **in motion or not in motion**. If WiFi location is invalid, system will update the closest cell tower location instead.

And this function can be used with routetrack and Check function at the same time.

SMS: *checkgsm*5-1800*

5-1800 represents the the number of minutes of Checkgsm's data upload interval, **default as off**; rate should not be less than 5.

Example

*checkgsm*30* means uploading GSM data every 30 minutes.

4.4 Track Off

Track off will end all the tracking functions, including routetrack, checkm, checkgsm, timing locate and period locate.

SMS: *trackoff*

To turn off all tracking functions, including routetrack, check, checkgsm,.

5 Upload Alert

The upload alert function enables device upload alert status to the server including **motion alert, ACC on/off alert, bad battery alert, low battery alert and wire cut alert** etc. User can check alert status on the tracking website or message section in app.

This function is default as ON.

SMS: *uploadalert*on*

To enabled upload alert function.

SMS: *uploadalert*off*

To disable upload alert function.

6. Sleep Function (Lowest Power Consumption)

6.1 Interval Sleep

Device will go to deep sleep mode and wake up after appointed interval, and stay awake for 12 mintues. If there is no new commands received in 12 minutes, device will go back to deep sleep mode for the next set interval.

Note: System will shut down GPS and GSM module during deep sleep period, so no call or SMS can be received or responded.

SMS: *sleep*1-99*

1-99 refers to the hours of appointed sleep interval.

Example

*sleep*6* means to enable device to go to deep sleep mode and wake up in every 6 hours.

6.2 Motion Sleep

Motion Sleep function enables device to stay in deep sleep mode and wakes up once motion is detected. System will upload the current location of the device. If motion continues, system will stay on and operate the previous tracking settings. If there is no further motion detected, device will go back to deep sleep in 12 minutes. And the circle repeats.

Note: System will shut down GPS and GSM module during deep sleep period, so no call or SMS can be received or responded.

SMS: *sleepv*

To enable motion sleep function.

SMS: *sleepoff*

To turn off motion sleep and interval sleep function.

7. Immobilisation

Immobilisation function suitable for models support fuel cut function only. It enables device to cut off the fuel supply of the engine remotely when speed is under 20KM/hour. The vehicle can not be started again after device operating the fuel cut command. Please check your models number in Hardware Specification to confirm.

SMS: *engineoff*

To enable fuel cut function.

SMS: *engineon*

To end fuel cut function.

8. Battery Monitoring System

Battery monitor function suitable for models support battery check function only. Please check your models number in Hardware Specification to confirm.

8.1 Battery Check

Battery check enables device to monitor battery status. When system detects **abnormal high/low voltage**, or **bad battery** situation occurs, alerts will be sent to master number and uploaded to server. System default as On.

SMS: *batteryalert*on*

To enable battery check function.

SMS: *batteryalert*off*

To disable battery check function.

Note:

1. When device detects battery below 10.5V, a low battery alert will be sent to master number and uploaded to server. Tracking function will be turned off.
2. When device detects battery voltage below 8V, system will enter deep sleep mode, until battery voltage returns back to 8.5V or above.
3. Battery status information can be viewed in APP.

9. WiFi Functions

WiFi function suitable for models support WiFi only. Please check your models number in Hardware Specification to confirm.

9.1 WiFi Fence

9.1.1 Set WiFi Fence

WiFi fence function enables device recognising the appointed WiFi router signal as a fence, similar to Geofence. Alerts will be triggered when device enters or exits fence. There are a few steps to setup a WiFi fence.

Step 1 SMS ***wifilist***

Device will detect WiFi signal nearby and reply a list with wifi router names in orders.

Example 1. Apple's home. 2. Ken's office 3. Bear's Cafe

Step 2 SMS ***wififence*#***

refers to the WiFi number in the WiFi list reply. And master number will receive a notice to confirm the appoint WiFi is set as the WiFi fence.

Example *wififence*2* means WiFi router in the name of Ken's Office will be set as a WiFi fence.

Step 3 SMS ***wifichck*5-99***

5-99 refers to WiFi fence checking interval in minutes. System will check the set WiFi fences in appointed time interval. And corresponding alerts will be generated when device enters or exits the set WiFi fences.

Example *wifichck*5* means system will check set wifi fences in every 5 minutes.

9.1.2 Check WiFi Fence

SMS ***wififencelist***

You will receive a list of the WiFi fences you have set. There are up to 3 fences can be set.

SMS ***removefence*#***

If the set WiFi fence number has up to 3, you have to remove at least 1 of them in order to add the new fence. # refers to the WiFi number in the WiFi fence list reply.

Example *removefence*2* means WiFi router in the name of Ken's Office will be removed

from the WiFi fence list.

9.2 WiFi Find Me

WiFi find me is an indoor tracking technology. It enables device sending out WiFi signal as a WiFi router via hotspot. And through the app on your smartphone, you are able to get close to the device by detecting device's WiFi signal.

This function is suitable for Android smartphone user only.

SMS ***wifispoton***

Device will turn on hotspot function for 10 minutes once receiving the command.

SMS ***wifispotoff***

To turn off WiFi find me function.

Please be sure this function is off before using other WiFi function.

9.3 WiFi Data Upload

WiFi Data Upload enables device to upload all location data to the server via WiFi channel instead of GPRS channel.

9.3.1 Set Data Upload WiFi

There are 2 steps to setup a WiFi data upload channel.

Step 1 SMS ***wifilist***

Device will detect WiFi signal nearby and reply a list with wifi router names in order.

eg. 1. Apple's home. 2. Ken's office 3. Bear's Cafe

Step 2 SMS ***wifibind*#*WiFi Password***

Example

refers to the WiFi number in the WiFi list reply.

In the above WiFi list, if 3. WiFi Bear's Cafe is the WiFi you would like to setup for data load, and you know the WiFi password is 654321. The correct command format is ***wifibind*3*654321***. And you will receive a confirmation notice through SMS.

9.3.2 Set Data Upload Channel

System supports 3 types of data upload channels:

GPRS only, WiFi only, WiFi+GPRS. GPRS is the default data upload channel.

After setting the data upload WiFi, you can send a command to switch upload channel to WiFi only or WiFi+GPRS as follows:

SMS *up*gprs*

System default data upload is via GPRS.

SMS *up*wifi*

It enables device upload data via WiFi only, if WiFi is not able to be connected, data will be saved in SD (for models support SD storage), and upload again when WiFi is connected.

SMS *up*mix*

It enables device upload data via WiFi as priority. If the WiFi is not able to be connected, system will turn back to GPRS channel for data upload.

Since WiFi Find Me and WiFi Data Upload can not be used at the same time. Please send *up*gprs* to switch device back to GPRS upload mode, and then send command 88888888 to reboot the system, before using WiFi Find Me function.

10. SD Offline Storage

SD offline storage function suitable for models support SD card only. Please check your models number in Hardware Specification to confirm.

Big Buffer

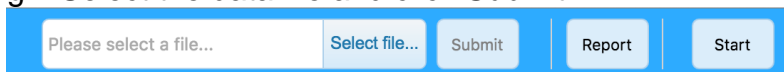
Offline storage enables device to save location data into the SD card when GPRS connection invalid and data will be automatically uploaded to server when connection gets back. This process will be done automatically, no extra command operation is needed.

Logger

Offline storage is able to switch the tracking device into a logger for data saving.

Please operate as follows:

- a. Insert a Micro SD card in the SD slot.
- b. Insert a activated SIM into the SIM slot, set all needed function as usual.
- c. Send command *sdon* to enable to the offline storage function.
- d. All location data will be saved in the SD card instead of uploading to the server.
- e. Take the SD out of the device, copy the .bin files to your PC.
- f. visit <http://offline.miitown.com/>
- g. Select the data file and click Submit



- h. Click Report to view saved data report. Click Start to view history playback.
- i. Send command *sdoff* to end offline storage function.

Note

If you want to take the SIM out of the device after setting all commands, please use an invalid SIM or artificial SIM to replace. Since SIM slot connection is the power switch of the device, a SIM is required to be inserted anyway.

11. Remote Listening

Remote listening function suitable for models support mic only. Please check your models number in Hardware Specification to confirm.

It enables master number to call-in and listen to the environmental sound of the device, and device also able to call back when receiving the callback command from master number.

11.1 SMS: ***callin***

Master number is able to call the device phone number and start listening within 30 minutes after the command is sent

11.2 SMS: ***callback***

The device will call the master number when command is received.

12. Status query

SMS: ***status***

To check device setting status and performance. GPS ranking data will shows up only when routetrack function is on.

13. Low battery Alert

Low battery alert function suitable for models with backup battery only. Please check your models number in Hardware Specification to confirm.

There will be a low battery SMS alert sent to master number when battery drops to 20% of it's capacity, and the routetrack function will be turned off for power saving. And it will resume working when battery is charged. The alert number can be appointed to any other cellphone number if needed.

Appoint low battery alert number

SMS: ***lowbat*[alert cellphone number](#)***

Note: Please make sure country code is included in the cellphone number.

Example

lowbat*+319876543210

14. Reboot

SMS: **88888888**

Reboot system, previous settings will not be cleared.

15. Master query

SMS: **999999**

To check registered master number, password and device's serial number.

16. Default

SMS: **default**

To operate factory default, previous settings will be cleared.

17. Multi Controller

Allows any cellphone number to check the device location and status besides the master number.

17. 1 SMS: ***multiquery***

To enable multi controller function.

17. 2 SMS: ***multiqueryoff***

To turn off the multi controller function.

18. Device Information

SMS: ***about***

To check device information including software edition and serial number.

Command Setting List

Function	Command	Description
APN Settings	*apn*APN's name *username*password*	Enable device to access internet.
Master Setting	*master*123456*country code (plus) cellphone number*	Register master number.
Password Changing	*password*654321*	Original password is default as 123456. 654321 refers to new password.
Vibration Sensitivity	*sensitive*1-5*	Set motion alert sensitivity, 1 is the most sensitive, 5 is the least
Motion Alert	*alertoff*	End motion alert
	smsalert	Motion alert via SMS

Function	Command	Description
	callalert	Motion alert via Call
Address Query	*locateaddress*	Address information of current location.
Google Map Search	*locatemap*	Google Map link with current location.
Real-time Tracking	*routetrack*1-99*	Device will upload 6 locations every minute.1-98 represents routetrack data upload interval in hours. 99 represents always on.
Real-time Tracking sampling interval	*rsampling*1-999*	1-999 represents seconds of routetrack sampling interval
Real-time Tracking upload interval	*rupload*1-999*	1-999 represents seconds of routetrack upload interval
Real-time Tracking Off	*routetrackoff*	End routetrack function.
Check Location	*checkm*5-1800*	5-1800 represents minutes of check function data upload interval
	checkoff	End check function
	*checkgsm*5-1800*	5-1800 represents minutes of check gsm function data upload interval
Track Off	*trackoff*	End all the tracking functions.
Upload Alert	*uploadalert*on*	Enable upload alert function
	*uploadalert*off*	End upload alert function

Function	Command	Description
Interval Sleep	* sleep*1-99*	1-99 represents device wake up interval in hours.
Motion Sleep	* sleepv*	Motion Sleep function with motion alert.
Sleep Off	*sleepoff*	End Interval sleep and motion sleep function.
Immobilisation For models supports fuel cut function only, which model number with letter "FC"	*engineoff*	Enable fuel cut function
	engineon	End fuel cut function
Battery Monitoring For models supports battery monitoring function only, which model number with letter "BM"	*batteryalert*on*	Enable battery monitor function
	*batteryalert*off*	End battery monitor function
Status query	*status*	Check system status.
Multi Controller	*multiquery*	Enable multi controller function.
	multiqueryoff	End multi controller function.
Set WiFi Fence For models support WiFi function only, which model number with letter "W"	*wifilist*	Check nearby wifi list.
	wififence#*	Set WiFi fence.
Check WiFi Fence For models support WiFi function only, which model number with letter "W"	*wififencelist*	Check WiFi fence list.
	removefence#*	Remove WiFi fence.
WiFi Find Me For models support WiFi function only, which model number with letter "W"	*wifispoton*	Enable hotspot.
	wifispotoff	Disable hotspot.
WiFi Data Upload For models support WiFi function	*wifilist*	Check nearby wifi list.

Function	Command	Description
only, which model number with letter "W"	*wifibind*#*WiFi Password*	Bind data upload WiFi
WiFi Upload Channel For models support WiFi function only, which model number with letter "W"	*up*gprs*	Data upload via GPRS
	*up*wifi*	Data upload via WiFi
	*up*mix*	Data upload via WiFi+GPRS
Offline Storage For models support SD function only, which model number with letter "SD"	*sdon*	Enable offline storage function
	sdoff	End offline storage function.
Remote Listening For models support mic	*callin*	Enable call-in listening function for 30 minutes
	callback	Enable call back listening function
Device Information	*about*	Software edition information and device's serial number.
Reboot	88888888	Reboot the system, previous settings will NOT be cleared.
Master Query	999999	Registered master number information, password and device's serial number.
Low Battery Alert Number	*lowbat*country code (plus) cellphone number*	To set low battery alert number.
Factory Default	default	Default system, previous settings will be cleared.

Hardware Specification

TK SERIES MODEL AND FUNCTION LIST							
Model	Size	Back up Battery	SD+WIFI	ACC	Remote Listening	Battery Check	Immobilisation
T8124	102mmx53mmx18mm	1100mAh	SD Only	N	N	N	N
T8124FC	102mmx53mmx18mm	1100mAh	SD Only	N	N	N	Y
T8124BMG	102mmx53mmx18mm	350mAh	SD Only	N	N	Y	N
T8124BMW	102mmx53mmx18mm	350mAh	Y	N	N	Y	N
T1124	89mm x 45mm x 24mm	500mAh	N	N	N	N	N
T1124FC	89mm x 45mm x 24mm	500mAh	N	N	N	N	Y
T1124BMG	89mm x 45mm x 24mm	500mAh	N	N	N	Y	N
T1124BMW	89mm x 45mm x 24mm	500mAh	WIFI Only	N	N	Y	N
T0024	53mmx38mmx19mm	N	N	N	N	N	N

T0024ACC	53mmx38mmx19mm	N	N	Y	N	N	N
T0024FC	53mmx38mmx19mm	N	N	N	N	N	Y
T4024	53mmx38mmx19mm	N	N	N	Y	N	N
T4024ACC	53mmx38mmx19mm	N	N	Y	Y	N	N
T4024FC	53mmx38mmx19mm	N	N	N	N	N	Y
T6024	92mmx47mmx15mm	N	N	N	N	N	N
T6124	92mmx47mmx15mm	500mAh	N	N	N	N	N
T6124ACC	92mmx47mmx15mm	500mAh	N	Y	N	N	N
T3124	101mmx60mmx38mm	1100mAh	N	N	N	N	N
T5124	100mmx55mmx20mm	1100mAh	N	N	N	N	N

- PRS:MTK 6260D/6261
- Quad band; GSM 850/900/1800/1900 MHzAntennae: Internal, GPRS Class 12
- Power: Rechargeable, Lithium-Polymer Battery
- Built-in Vibration/motion sensor
- GPS: U-BLOX G7020-ST, 50 channel
- Antennae: Internal
- Position Accuracy: $\geq 5\text{m}$
- Sensitivity: Tracking: (R)C161 dB, Cold starts: (R)C148 dB, Hot starts: (R)C156 dB
- Cold start: <27s, Warm Start: <5s, Hot Start: 1s
- A-GPS: AssistNow Online and AssistNow Offline services.