MEITRACK SMS Protocol

Applicable Model: MT90/MVT100/MVT340/MVT380/ MVT600/T1/T3/T333/MVT800/T322X/ TC68S/T355/T311/Trackids/T622G/T366G/P99G

Change History

File Name	MEITRACK SMS Protocol	Created By	Kyle Lv
Project	MT90/MVT100/MVT340/MVT380/MVT600 T1/T3/T333/MVT800/T322X/TC68S T355/T311/Trackids/T622G/T366G/P99G	Creation Date Update Date	2010-07-31 2017-06-28
Subproject	SMS Protocol	Total Pages	37
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Contents

1 Command Format

1.1 SMS Command Format

SMS command sent from a mobile phone to the tracker: ***Password,<Command type>,<Command text>***

*Note: The password consists of 4 digits. The default password is **0000**.*

SMS command sent from the tracker to a mobile phone:

Reply: **IMEI, <*Command type*>,OK**

Location report: ***SMS header,Date and time,Positioning status,GSM signal strength,Speed,Remaining battery capacity,Map link***

SMS example:

Now,110721 16:40,A,12,56Km/h,97%,http://maps.meigps.com/?lat=22.513015&lng=114.057235

Descriptions about SMS data are as follows:

Parameter	Description	Example
SMS header	Indicates the SMS report type. For details, see section 1.2 "Event Code and SMS Header."	Now Indicates the current location report.
Date and time	Format: YYMMDD hh:mm **YY** indicates year. **MM** indicates month. **DD** indicates day. **hh** indicates hour. **mm** indicates minute. Decimal	110721 16:40 Indicates 21 July 2011, 16:40 pm.
Positioning status	Indicates the GPS signal status. **A** = Valid **V** = Invalid	A The GPS is valid.
GSM signal strength	Its value ranges from 0 to 31. Decimal GPRS data can be sent successfully only when the value is more than 16.	12 The signal strength is 12.
Speed	Unit: km/h Decimal	56 The speed is 56 km/h.
Remaining battery capacity	Indicates the remaining capacity of the built-in battery.	97% The remaining battery capacity is 97%.
Map link	Indicates the map link with a latitude and longitude. You can visit the website through a mobile phone. If you cannot visit HTTP websites through a mobile phone, enter the latitude and longitude in Google Maps (maps.google.com).	http://maps.meigps.com/?lat=22.513015&l ng=114.057235 Latitude: 22.513015 Longitude: 114.057235

1.2 Event Code and SMS Header

Event Code	Event	Default SMS Header (At Most 16 Bytes)
1	**SOS Pressed**	SOS
2	**Input 2 Active**	Ignition On: MVT100&MVT340&T322X Door Open: MVT380&MVT600&T1&MVT800&T333&T3 In2 Active: Other models
3	**Input 3 Active**	Ignition On: MVT600&T1&T333 &T3 Door Open: MVT800&T322X In3 Active: other models
4	**Input 4 Active**	Ignition On: MVT380&MVT800 In4 Active: other models
5	**Input 5 Active**	In5 Active
9	**Input 1 Inactive**	In1 Inactive
10	**Input 2 Inactive**	Ignition Off: MVT100&MVT340&T322X Door Close: MVT380&MVT600&T1&MVT800&T333&T3 In2 Inactive: other models
11	**Input 3 Inactive**	Ignition Off: MVT600&T1&T333&T3 Door Close: MVT800&T322X In3 Inactive: other models
12	**Input 4 Inactive**	Ignition Off: MVT380&MVT800 In4 Inactive: other models
13	**Input 5 Inactive**	In5 Inactive: other models
17	**Low Battery**	Low Battery
18	**Low External Battery**	Low Ext-Battery
19	**Speeding**	Speeding
20	**Enter Geo-fence**	Enter Fence N (N means the number of the fence)
21	**Exit Geo-fence**	Exit Fence N (N means the number of the fence)
22	**External Battery On**	Ext-Battery On Tracker connected: TC68S
23	**External Battery Cut**	Ext-Battery Cut Tracker removed: TC68S
24	**GPS Signal Lost**	GPS Signal Lost
25	**GPS Signal Recovery**	GPS Recovery
26	**Enter Sleep**	Enter Sleep
27	**Exit Sleep**	Exit Sleep
28	**GPS Antenna Cut**	GPS Antenna Cut
29	**Device Reboot**	Power On
31	**Heartbeat**	/
32	**Cornering**	Cornering
33	**Track By Distance**	Distance
34	**Reply Current (Passive)**	Now

36	**Tow**	Tow
40	**Power Off**	Power Off
50	**Temperature High**	Temp High
51	**Temperature Low**	Temp Low
52	**Full Fuel**	Full Fuel
53	**Low Fuel**	Low Fuel
54	**Fuel Theft**	Fuel Theft
56	**Armed**	Armed
57	**Disarmed**	Disarmed
58	**Vehicle Theft**	Vehicle Theft
79	**Fall**	Fall
80	**Install**	Install
81	**Drop Off**	Drop Off
83	**Ult-Sensor Drop**	Ult-Sensor Drop
129	**Harsh Braking**	Harsh Braking
130	**Harsh Acceleration**	Fast Accelerate
133	**Idle Overtime**	Idle Overtime
134	**Idle Recovery**	Idle Recovery
135	**Fatigue Driving**	Fatigue Driving
136	**Enough Rest after Fatigue Driving**	Enough Rest
138	**Speed Recovery**	Speed Recovery
139	**Maintenance Notice**	Maintenance
144	**Ignition On**	Ignition On
145	**Ignition Off**	Ignition Off

Note: Data in the above figure is the default settings before delivery. Default SMS headers can be modified by Meitrack Manager or B91 command.

2 Command List

Command	Command Description	Applicable Model
A00	Real-Time Location Query	All
A02	Tracking by Time Interval (SMS)	Excluding T322X/Trackids
A10	Real-Time Longitude and Latitude Query	All
A11	Setting a Heartbeat Packet Reporting Interval	All
A12	Tracking by Time Interval (GPRS)	All
A13	Setting the Cornering Report	All
A14	Tracking by Distance	All
A15	Setting the Parking Scheduled Tracking Function	MVT100/340/380/600/800/ T333/T1/T3/T366G/T662G
A16	Enabling the Parking Scheduled Tracking Function	MVT100/340/380/600/800/T333/T1/ T3/T366G/T662G
A17	Controlling Output 1 Status by RFID	MVT600/T1/T333/T3/T366G
A19	Waking the Device Up by Vibration	MT90/MT90G/P99G/T355/T355G/P99G
A21	Setting GPRS Parameters	All
A22	Setting the DNS Server IP Address	Excluding T322X/T355/T355G
A23	Setting the Standby GPRS Server	Excluding T322X
A29	Setting the Man Down Alert	MT90/MT90G/P99G
A55	Setting a Time Interval in Roaming Mode	Excluding T322X/T355/T355G/T662G
A70	Reading All Authorized Phone Numbers	All
A71	Setting Authorized Phone Numbers	All
A72	Setting Listen-in Phone Numbers	Excluding T322X/T355/MVT340
A73	Setting the Smart Sleep Mode	All
A75	Querying the SIM Card Balance	T1/MVT600/MT90/MVT340/ MVT380/MVT100/P99G
A81	Setting APN Parameters	P99G
A83	Setting the Maximum Working Time of the Woken GPS Module	P99G
A84	Setting the Unit of the GPRS Data Interval	P99G
A85	Setting the Positioning Mode	P99G
B05	Setting a Geo-Fence	All
B06	Deleting a Geo-Fence	All
B07	Setting the Speeding Alert	All
B08	Setting the Towing Alert	Excluding T355/T355G
B21	Setting the Anti-Theft Function	MVT800/T322X/T355/T355G
B27	Setting Auto Arming	T366G
B31	Turning off the LED Indicator	Excluding T322X/T355
B34	Setting a Log Interval	Excluding MVT340/T322X/T355/T355G
B35	Setting the SMS Time Zone	All
B36	Setting the GPRS Time Zone	Excluding TC68S/T355/T355G

B60	Determining Vehicle Status by ACC Status	Excluding T322X/MT90/P99G/TC68S/T355
B91	Setting SMS Event Characters	Excluding T322X
B99	Setting Event Authorization	Excluding T322X
C01	Controlling Output Status	Excluding TC68S/P99G/MT90/MT90G/T355/T355G
C03	Setting a GPRS Event Transmission Mode	Excluding T322X/T355/T355G
C08	Setting I/O Port Status	T366G
C11	SMS Display (LCD Display)	MVT600/T1/T333/T3
C49	Setting the Fuel Theft Alert	MVT600/T1/MVT800/T333/T3 T366G/T622G
C69	Setting the Volume of Device's Microphone and Speaker	T1/T333/P99G
C76	Powering Off the Device by Command	P99G
C77	Disabling the Power-off Function of the Power Button	P99G
D10	Authorizing an RFID Card/iButton Key	MVT600/T1/T333/T3/T366G/T622G
D11	Authorizing RFID Cards/iButton Keys in Batches	MVT600/T1/T333/T3/T366G/T622G
D14	Deleting an Authorized RFID Card/iButton Key	MVT600/T1/T333/T3/T366G/T622G
D15	Deleting Authorized RFID Cards/iButton Keys in Batches	MVT600/T1/T333/T3/T366G/T622G
D34	Setting Idling Time	T366G/T622G
D71	Setting GPS Data Filtering	T366G/T622G
D72	Setting Output Triggering	T622G
D73	Allocating GPRS Cache and GPS Log Storage Space	T366G/T622G/P99G
D78	Setting the Harsh Acceleration/Braking Alert	T366G/T622G
E91	Reading Device's Firmware Version and SN	All
F01	Restarting the GSM Module	Excluding T322X/Trackids
F02	Restarting the GPS Module	Excluding T322X/Trackids
F08	Setting the Mileage and Run Time	All
F09	Deleting SMS/GPRS Cache Data	All
F10	Backing up Device Parameters	P99G
F11	Restoring Initial Settings	All
F20	Changing the Tracker Password	All
FAB	Initializing the Tracker Password	All

3 Command Details

3.1 Real-Time Location Query – A00

SMS Sending	0000,A00
SMS Reply	Now,*Date and time*,*Positioning status*,*GSM signal strength*,*Speed*,*Remaining battery capacity*,*Map link*
Description	Query the tracker's location. For details, see section 1.1 "SMS Command Format."
Applicable Model	All
Example	
SMS Sending	0000,A00
SMS Reply	Now,110721 16:40,V,12,56Km/h,97%,http://maps.meigps.com/?lat=22.513015&lng=114.057235

3.2 Tracking by Time Interval (SMS) – A02

SMS Sending	0000,A02,*Interval*,*No. of times*,*Phone No.*
SMS Reply	IMEI,A02,OK
Description	Interval = 0: function disabled (default). Interval = [1…65535]: function enabled. Unit: minute. No. of times = 0: uninterrupted data reporting (used in the platform). No. of times = [1…255]: won't stop reporting until the number of reporting times reaches the preset value. Phone No.: indicates the phone number where data is sent.
Applicable Model	Excluding T322X/Trackids
Example	
SMS Sending	0000,A02,10,0
SMS Reply	353358017784062,A02,OK *After the above command is run successfully, the preset phone number will receive a positioning SMS every 10 minutes.* Interval,110721 16:40,V,12,56Km/h,97%,http://maps.meigps.com/?lat=22.513015&lng=114.057235

3.3 Real-Time Longitude and Latitude Query – A10

SMS Sending	0000,A10
SMS Reply	IMEI,Now,<->*Latitude*,<->*Longitude*,*Date and time*, *Positioning status*,*Number of satellites*,*GSM signal strength*,*Speed*,*Direction*,*Horizontal dilution of precision (HDOP)*,*Altitude*,*Mileage*,*Run time*,,*I/O port status*,,
Description	Query the tracker's location. The reply content is in longitude and latitude format. When A10 is used, if the tracker GPRS function is enabled and parameters are correct, the

	tracker will send a piece of GPRS location data whose event code is 34 to the server. The function is available for users who implement platform tracking using an SMS modem.
Applicable Model	All
Example	
SMS Sending	0000,A10
SMS Reply	353358017784062,Now,22.535888,114.063034,080310161834,A,9,27,30,179,0,15,8890,1346,,0000,,

3.4 Setting a Heartbeat Packet Reporting Interval – A11

SMS Sending	0000,A11,*Interval*
SMS Reply	A11,OK/<*Error code*>
Description	Unit: minute The maximum value of the interval is **65535**. When the interval is **0**, the function is disabled (default). The heartbeat function is available only in conjunction with deep sleep mode. When the device enters deep sleep mode, a heartbeat packet will be sent at the specified interval. A heartbeat packet is to confirm the device is online, and positioning data is invalid.
Applicable Model	All
Example	
SMS Sending	0000,A11,30
SMS Reply	IMEI,A11,OK After the above command is run successfully, the tracker will send a GPRS heartbeat packet whose event code is 31 to the platform every 30 minutes in sleep mode.

3.5 Tracking by Time Interval (GPRS) – A12

SMS Sending	0000,A12,*Interval*
SMS Reply	IMEI,A12,OK
Description	Unit: x10 seconds Set the GPRS tracking time interval. Interval = 0: function disabled. The maximum time interval is 65535 x 10 seconds. Note: If data needs to be sent at a specific time interval after the vehicle starts or stops, the function needs to work with the A15 function. For details, see A15 and A16 commands.
Applicable Model	All
Example	
SMS Sending	0000,A12,6
SMS Reply	353358017784062,A12,OK

3.6 Setting the Cornering Report – A13

SMS Sending	0000,A13,*Angle*
SMS Reply	IMEI,A13,OK
Description	When the driving angle exceeds the preset value, the tracker will send an SMS with the location to the authorized phone number. Angle = 0: function disabled (default). Angle = [1…359]: function enabled. For the T322X, **15** is recommended. For other trackers, **30** is recommended.
Applicable Model	All
Example	
SMS Sending	0000,A13,30
SMS Reply	353358017784062,A13,OK

3.7 Tracking by Distance – A14

SMS Sending	0000,A14,*Distance*
SMS Reply	IMEI,A14,OK
Description	Distance = 0: function disabled (default). Distance = [1…65535]: function enabled. Unit: meter. Note: When both the GPRS time interval and distance tracking functions are enabled, the "first reach first report" rule will be applied. For example, set the time interval to 6 x 10 seconds and distance to 200 meters. If the road is clear, a distance data packet will be reported first; if there is heavy traffic on the road, a time interval data packet will be reported first. Then both the time interval and distance counters will be reset to 0.
Applicable Model	All
Example	
SMS Sending	0000,A14,1000
SMS Reply	353358017784062,A14,OK *After the above command is run successfully, if the driving distance reaches 1000m, the tracker will send a data packet to the preset authorized phone number.* Distance,110721 16:40,V,12,56Km/h,97%,http://maps.meigps.com/?lat=22.513015&lng=114.057235

3.8 Setting the Parking Scheduled Tracking Function – A15

SMS Sending	0000,A15, *Interval*
SMS Reply	IMEI,A15,OK
Description	The function is available for vehicle trackers only. With the function, the number of GPRS messages is reduced, and thus GPRS traffic is saved. After the A15 function is set, the A16 function is automatically enabled. For details about engine status, see section 3.9 "Enabling the Parking Scheduled Tracking Function – A16."

	Interval unit: x10 seconds Interval = 0: function disabled. The maximum interval is 65535 x 10 seconds.
Applicable Model	MVT100/MVT340/MVT380/MVT600/T1/MVT800/T322X/T333/T3/T366G/T622G
Example	
SMS Sending	0000,A15,6
SMS Reply	353358017784062,A15,OK

3.9 Enabling the Parking Scheduled Tracking Function – A16

SMS Sending	0000,A16,*Status*
SMS Reply	IMEI,A16,OK
Description	**Related input ports (high level) of vehicle trackers must connect to engine detection. Otherwise, the function is unavailable. The first positive input port of vehicle trackers are as follows:** **Vehicle Tracker** / **First Positive Input** MVT100 / Input 2 MVT340 / Input 2 MVT380 / Input 4 MVT600 / Input 3 T1/T333/T3 / Input 3 MVT800 / Input 4 T322X / Input 2 T366G / Input 2 T622G / Input 3 When the activation status is **1**, the parking scheduled tracking function is enabled, and GPRS data is sent at the following interval: ● Interval of the A12 function when the engine is on ● Interval of the A15 function when the engine is off When the activation status is **0**, the parking scheduled tracking function is disabled, and GPRS data is sent at the following interval: ● Interval of the A12 function when the engine is on ● Interval of the A12 function when the engine is off Note: The TC68S can determine whether the engine is activated based on vehicle voltage.
Applicable Model	MVT100/MVT340/MVT380/MVT600/T1/MVT800/TC68S/T322X/T333/T3/T366G/T622G
Example	
SMS Sending	0000,A16,0
SMS Reply	353358017784062,A16,OK

3.10 Controlling Output 1 Status by RFID – A17

SMS Sending	0000,A17,X
SMS Reply	IMEI,A17,OK
Description	X = 1: function enabled. Before using the function, you must ensure: 1. ACC detection is connected to input 3; 2. A RFID card has been authorized. X = 0: function disabled (default). For example: After swiping the authorized RFID card, you must start the engine within 1 minute. If the time exceeds 1 minute, you need to swipe the card again. After the engine is started, input 3 has been detecting the ACC status. If ACC ON is detected (that is, input 3 is the high level), output 1 will not generate data. If ACC OFF is detected, after 1 minute, swipe the authorized RFID card to start the engine as required. Note: 1. If the function is enabled, output 1 will be activated. 2. For the T366G tracker, the ACC detection is connected to input 2. 3. For the T366G tracker, you must set the RFID event under the output 1 column on the Meitrack Manager software. Otherwise, the function will be unavailable. 4. For details about how to authorize a RFID, see commands D10–D15.
Applicable Model	MVT600/T1/T333/T3/T366G
Example	
SMS Sending	0000,A17,0
SMS Reply	353358017784062,A17,OK

3.11 Waking the Device Up by Vibration – A19

SMS Sending	0000,A19,X
SMS Reply	IMEI,A19,OK
Description	This function is used to determine whether the device can be woken up from the deep mode by vibration. X = 0: The device cannot be woken up by vibration. X = 1: The device can be woken up by vibration (default).
Applicable Model	MT90/MT90G/T355/T355G/P99G
Example	
SMS Sending	0000,A19,0
SMS Reply	353358017784062,A19,OK

3.12 Setting GPRS Parameters – A21

SMS Sending	0000,A21,*Connection mode*,*IP address*,*Port*,*APN*,*APN user name*,*APN password*
SMS Reply	IMEI,A21,OK
Description	Connection mode = 0: function disabled. Connection mode = 1: function enabled; use TCP/IP reporting mode. Connection mode = 2: function enabled; use UDP reporting mode.

	IP address: IP address or domain name. A maximum of 32 bytes are supported. Port: a maximum of 5 digits. APN/APN user name/APN password: a maximum of 32 bytes respectively. If no user name and password are required, leave them blank.
Applicable Model	All
Example	
SMS Sending	0000,A21,1,67.203.13.26,8800,*APN*,*APN username*,*APN password*
SMS Reply	353358017784062,A21,OK

3.13 Setting the DNS Server IP Address – A22

SMS Sending	0000,A22, *DNS server IP address*
SMS Reply	IMEI,A22,OK
Description	An incorrect DNS server IP address may lead to GPRS data reporting failures after the A21 command is used. Use the A22 command to set the DNS server IP address (confirm the IP address with your domain name provider.). Then use the A21 command to reset the domain name. DNS server IP address: a maximum of 16 bytes
Applicable Model	Excluding T322X/T355/T355G
Example	
SMS Sending	0000,A22,202.105.21.232
SMS Reply	353358017784062,A22,OK *The command is used to set the Oray DNS server IP address.*

3.14 Setting the Standby GPRS Server – A23

SMS Sending	0000,A23,*IP address*,*Port*
SMS Reply	IMEI,A23,OK
Description	IP address: a maximum of 32 bytes Port: a maximum of 5 digits When the tracker fails to send data to the active server set by command A21, data is automatically sent to the standby server to prevent data loss.
Applicable Model	Excluding T322X
Example	
SMS Sending	0000,A23,67.203.13.26,8800
SMS Reply	353358017784062,A23,OK

3.15 Setting the Man Down Alert – A29

SMS Sending	0000,A29,*Switch*,*Time*,*Grade*
SMS Reply	IMEI,A29,OK
Description	1. Switch: Whether to enable the man down alert detection function. The value is **0**

	or **1**. When the parameter value is **1**, the man down alert function is enabled. When the parameter value is **0**, the man down alert function is disabled. The default value is **0**. 2. Time: indicates the buzzing and vibration time after the device falls to the ground. During this period, you can press any button of the device to clear the alert, so as to avoid misinformation. If no button is pressed during this period, a man down alert will be generated or the tracker will call the designated contact. Unit: second; value range: 0–255; default value: 10. 3. Grade: indicates the man down alert level. Its value ranges from 0 to 3 and it is in decimal format. The default value is **1**. The smaller the value is, the higher the alert probability is.
Applicable Model	MT90/MT90G/P99G
Example	
SMS Sending	0000,A29,1,10,1,0
SMS Reply	353358017784062,A29,OK

3.16 Setting a Time Interval in Roaming Mode – A55

SMS Sending	0000,A55,*Scheduled mode*,T1,T2,T3,T4
SMS Reply	IMEI,A55, <*Scheduled mode*,T1,[T2],[T3],[T4]>
Description	1. Scheduled mode: decimal. Its value is the combinations of ACC ON, ACC OFF, Local, and Roaming. ● **T1**: indicates the data uploading interval which is not restricted by ACC ON and roaming. The functions are the same as that of A12. ● **T2**: indicates the data uploading interval when ACC OFF or ACC OFF in Local mode. ● **T3**: indicates the data uploading interval when ACC ON in Roaming mode, or the interval which is not restricted by roaming when ACC OFF. ● **T4**: indicates the data uploading interval when ACC OFF in Roaming mode. 2. The following combined scheduled modes are supported: ● Mode 0 (T1): The functions are the same as that of A12. All data will be uploaded at the T1 interval. The command format is **A55,0,T1**. Other parameters such as T2 and T3 will be invalid. ● Mode 1 (T1 + T2): The functions are the same as that of A12 and A15. Parameter **T1** is the data uploading interval when ACC ON. Parameter **T2** is the data uploading interval when ACC OFF. The command format is **A55,1,T1,T2**. ● Mode 2 (T1 + T3): In Local mode, parameter **T1** is the data uploading interval. In roaming mode, parameter **T3** is the data uploading interval. The command format is **A55,2,T1,T3**. ● Mode 3 (T1 + T3 + T4): In Local mode, parameter **T1** is the data uploading interval and the interval is not restricted by the engine status. In roaming mode, when the engine starts, parameter **T3** is the data uploading interval;

when the engine stops, parameter **T4** is the data uploading interval. The command format is **A55,3,T1,T3,T4**.

- Mode 4 (T1 + T2 + T3 + T4): In Local mode, when the engine starts, parameter **T1** is the data uploading interval; when the engine stops, parameter **T2** is the data uploading interval. In Roaming mode, when the engine starts, parameter **T3** is the data uploading interval; when the engine stops, parameter **T4** is the data uploading interval.

3. After a GPRS interval is set by using the A55 command, the tracker will reply the interval parameters. If only **0000,A55** is sent, read tracker GPRS interval parameters.

Applicable Model

Tracker	Mode 0	Mode 1	Mode 2	Mode 3	Mode 4
T1/T333/T3	√	√	√	√	√
MVT600	√	√	√	√	√
MVT800	√	√	√	√	√
MVT380	√	√	√	√	√
MVT100	√	√	√	√	√
MT90/P99G	√		√		
TC68S	√		√		
T355/T355G	√	√	√	√	√
T366G	√	√	√	√	√

Example

SMS Sending	0000,A55,0.6
SMS Reply	353358017784062,A55,0,6

3.17 Reading All Authorized Phone Numbers – A70

SMS Sending	0000,A70
SMS Reply	*IMEI*,A70,*Authorized phone number 1*,*Authorized phone number 2*,*Authorized phone number 3*,*Listen-in phone number 1*,*Listen-in phone number 2*
Description	Read all authorized phone numbers.
Applicable Model	All
Example	
SMS Sending	0000,A70
SMS Reply	353358017784062,A70,13811111111,13822222222,13833333333,13844444444,13855555555

3.18 Setting Authorized Phone Numbers – A71

SMS Sending	0000,A71,*Phone number 1*,*Phone number 2*,*Phone number 3*
SMS Reply	IMEI,A71,OK
Description	Phone number: A phone number has a maximum of 16 bytes. If no phone numbers are

	set, leave them blank. Phone numbers are empty by default. Phone number 1/2/3: SOS phone numbers. When you call the tracker by using these phone numbers, you will receive SMS notification about the location, geo-fence alert and low power alert. When the SOS button is pressed, the tracker will dial phone numbers 1, 2, and 3 in sequence. The tracker stops dialing when a phone number responds. Note: If no phone numbers are set and commas are remained, phone numbers set before will be deleted. In addition, alert events will be overlapped. If you need to delete all authorized phone numbers, send **0000,A71**.
Applicable Model	All
Example	
SMS Sending	0000,A71,13811111111,13822222222,13833333333
SMS Reply	353358017784062,A71,OK

3.19 Setting Listen-in Phone Numbers – A72

SMS Sending	0000,A72,*Listen-in phone number 1*,*Listen-in phone number 2*
SMS Reply	IMEI,A72,OK
Description	When you call the tracker by using authorized listen-in phone numbers, the tracker will answer the call automatically and enter the listen-in state. In this way, the tracker will not make any sound. A maximum of two phone numbers can be set. Each phone number has a maximum of 16 digits. If no phone numbers are set, leave them blank. Phone numbers are empty by default. If no phone numbers are set and commas are remained, phone numbers set before will be deleted. If you need to delete all listen-in phone numbers, send **0000,A72**.
Applicable Model	Excluding T322X/T355/MVT340
Example	
SMS Sending	0000,A72,13844444444,13855555555
SMS Reply	353358017784062,A72,OK

3.20 Setting the Smart Sleep Mode – A73

SMS Sending	0000,A73,*Sleep level*
SMS Reply	IMEI,A73,OK
Description	Set the automatic smart sleep mode when the tracker is idle. Sleep level = 0: function disabled (default). Sleep level = 1: normal sleep. The GSM module always works, and the GPS module occasionally enters the sleep mode. The tracker works 25% longer in the normal sleep mode than that in the normal working mode. This mode is not recommended for short interval tracking; this will affect the route precision. Sleep level = 2: deep sleep. If no event is triggered after five minutes, the GPS module

	will stop working and the GSM module will enter sleep mode. Once an event is triggered, the GPS and GSM modules will be woken up. A heartbeat event will be triggered only in the deep sleep mode, which will be uploaded every one hour by default. Triggering events include: SOS alert, low internal/external battery, external power status, GPS antenna cutoff alert, towing alert, high temperature, low temperature, fuel theft, vehicle theft, ACC ON, (button) changes on any input port, vibration, incoming call, SMS receiving, call, and heartbeat event (The GPS is disabled during heartbeat wakeup.). Note: 1. By default, the MT90/MT90G cannot be woken up by vibration. But you can use the A19 command to wake the MT90/MT90G up. 2. If no event (drop/incoming call/SMS/vibration) is triggered after five minutes, the T355 will enter deep sleep mode by default, and the GPS and 2G/3G modules will stop working. In this way, a triggering event (drop/vibration) can wake the device up, and then the device will enter working mode. GPS and 2G/3G modules can be enabled intelligently based on vehicle status, which saves power. In deep sleep mode, the T355 can be woken up only when the tracker drops or vibrates. If a vibration event is triggered, sleep level 0 will be enabled. In the device running mode, sleep level 0 or 2 will be enabled alternatively. In sleep mode, the scheduled tracking and distance tracking functions will be disabled. If a drop event is triggered, the sleep mode will be disabled. The device does not enter the deep sleep mode until it is installed into the vehicle again. 3. After the T322X stops working for 15 minutes, it automatically enters the power-saving sleep mode. In this way, the GPS module does not work, and the T322X does not upload tracking data at a regular interval. Instead, the T322X sends heartbeat data packets about the positioning cease (GPS invalid) to the platform every 60 minutes. The interval for sending heartbeat packets can be changed. If the T322X vibrates, the T322X will be woken up, continue to work normally, and report data including heartbeat packets at a regular interval. 4. In any condition, you can use an SMS or a GPRS command to disable the sleep mode, and then the tracker exits the sleep mode and returns back to the normal working mode.
Applicable Model	All
Example	
SMS Sending	0000,A73,2
SMS Reply	353358017784062,A73,OK

3.21 Querying the SIM Card Balance – A75

SMS Sending	0000,A75, <Ussd code>/<Type,Code/Num,Content>
SMS Reply	IMEI,A75, <content>
Description	1. Support USSD commands, calling (do not support voice menus), and SMS.

	2. Parameters will not be saved. Query commands: ● Type: indicates the service type (USSD, call, and SMS). The letters can be detected when they are uppercase. ● Code: indicates the USSD command code for balance query. ● Num: indicates the telephone number. ● Content: indicates the text for SMS query. ● Ussd code: indicates the USSD code text for balance query. e.g. A75,*120#〈Send a command for USSD balance query. Forward to the preset phone number.> A75,ussd,*120#<Send a command for USSD balance query. Forward to the preset phone number.> A75,call,1008611<Call to query the balance. Forward an SMS to the preset phone number or platform.> A75,call,10010111<Call to query the balance. Forward an SMS to the preset phone number or platform.> A75,sms,10010,cxye<Send an SMS to query. Parse the long SMS by PDU UCS2. Forward the SMS to the platform or the preset phone number.> 3. The query results will be sent to the phone number or platform by PDU UCS2. Long SMSs need to be supported.
Applicable Model	T1/MVT600/MT90/P99G/MVT340/MVT380/MVT100/T333/T3
Example	
SMS Sending	0000, A75,*120#
SMS Reply	A75,Saldo 37,71kr. Kortet giltigt till 2014-07-03. Basprislista 1,99kr/min till alla och sms 0,99 kr/st. Ladda f|r att ringa billigare, se telia.se/refill.

3.22 Setting APN Parameters – A81

SMS Sending	0000,A81,APN,APN-USNAME,APN-PASSWD
SMS Reply	IMEI,A81,OK
Description	APN: max 32 bytes APN-USNAME: indicates the APN user name; max 32 bytes APN-PASSWD: indicates the APN password; max 32 bytes For example: "0000,A81,CMNET,,", which indicates that the APN is CMNET, and the user name and password stay unchanged. Note: You must enter complete command (3 commas are a must). If there is a parameter after a comma, it means that the parameter is changed. If not, the parameter stays unchanged.
Applicable Model	P99G
Example	
SMS Sending	0000,A81,CMNET,,
SMS Reply	353358017784062,A81,OK

3.23 Setting the Maximum Working Time of the Woken GPS Module – A83

SMS Sending	0000,A83,X
SMS Reply	IMEI,A83,OK
Description	X: indicates the maximum working time of the GPS module woken up by heartbeat packet. Decimal; value range: 0–255; unit: minute. X = 0 (default): After the GPS module is woken up by heartbeat packet, it does not work and the GPS is invalid.
Applicable Model	P99G
Example	
SMS Sending	0000,A83,1
SMS Reply	353358017784062,A83,OK After the command is sent successfully and the GPS module is woken up by a heartbeat packet: ● If the GPS is valid within 1 minute, a heartbeat packet about valid GPS will be uploaded. ● If the GPS is invalid within 1 minute, a heartbeat packet about invalid GPS will be uploaded.

3.24 Setting the Unit of the GPRS Data Interval – A84

SMS Sending	0000,A84,X
SMS Reply	IMEI,A84,OK
Description	X: indicates the unit of the GPRS data interval. Decimal; value range: 0–255; unit: second. The default unit is 10 seconds.
Applicable Model	P99G
Example	
SMS Sending	0000,A84,1
SMS Reply	353358017784062,A84,OK

3.25 Setting the Positioning Mode – A85

SMS Sending	0000,A85,X
SMS Reply	IMEI,A85,OK
Description	X: indicates the device's positioning mode. Decimal; value range: 0–3. ● X = 0: GPS + LBS positioning ● X = 1: WiFi + LBS positioning ● X = 2: GPS + WiFi + LBS positioning ● X = 3: LBS positioning
Applicable Model	P99G
Example	
SMS Sending	0000,A85,1
SMS Reply	353358017784062,A85,OK

3.26 Setting a Geo-Fence – B05

SMS Sending	0000,B05,*Geo-fence number*,*Latitude*,*Longitude*,*Radius*,*IN Geo-fence alert*,*OUT Geo-fence alert*
SMS Reply	IMEI,B05,OK
Description	Geo-fence number: 1–8. A maximum of eight geo-fences can be set. Latitude: latitude of the geo-fence center; decimal; accurate to 6 digits after the decimal point. If there are only 4 digits after the decimal point, add two digits 0. Otherwise, the command cannot be used successfully. Longitude: longitude of the geo-fence center; decimal; accurate to 6 digits after the decimal point. If there are only 4 digits after the decimal point, add two digits 0. Otherwise, the command cannot be used successfully. Radius: The value ranges from 1 to 4294967295. The unit is meter. IN Geo-fence alert = 0: function disabled. IN Geo-fence alert = 1: function enabled. OUT Geo-fence alert = 0: function disabled. OUT Geo-fence alert = 1: function enabled.
Applicable Model	All
Example	
SMS Sending	0000,B05,1,22.913191,114.079882,1000,0,1
SMS Reply	353358017784062,B05,OK *When the tracker exits the geo-fence (latitude: 22.913191; longitude: 114.079882; radius: 1000m), the tracker will send the following alert information to the preset authorized phone number:* *Exit GEO ,110721 16:40,V,12,56Km/h,97%,http://maps.meigps.com/?lat=22.513015&lng=114.057235*

3.27 Deleting a Geo-Fence – B06

SMS Sending	0000,B06,Geo-fence number
SMS Reply	IMEI,B06,OK
Description	Geo-fence number: 1–8. Only one geo-fence can be deleted each time by SMS or GPRS command.
Applicable Model	All
Example	
SMS Sending	0000,B06,1
SMS Reply	353358017784062,B06,OK

3.28 Setting the Speeding Alert – B07

SMS Sending	0000,B07,*Driving speed*
SMS Reply	IMEI,B07,OK

Description	Driving speed = 0: function disabled (default). Driving speed = [1…255]: function enabled. Unit: km/h. When the driving speed reaches the preset value, a speeding alert will be generated.
Applicable Model	All
Example	
SMS Sending	0000,B07,60
SMS Reply	353358017784062,B07,OK *When the tracker driving speed reaches 60 km/h, the tracker will send the following alert information to the preset authorized phone number:* *Speeding,110721 16:40,V,12,61Km/h,97%,http://maps.meigps.com/?lat=22.513015&lng=114.057235*

3.29 Setting the Towing Alert – B08

SMS Sending	0000,B08,*Vibration duration*
SMS Reply	IMEI,B08,OK
Description	When the tracker is in deep mode and it's vibration duration exceeds the preset value, the tracker will send an alert to an authorized phone number or the server. Before using the towing alert function, ensure that the smart sleep level is set to **2** by using the A73 command and the consecutive vibration duration is set by using the B08 command. Otherwise, the towing alert function is unavailable. Vibration duration = 0: function disabled (default). Vibration duration = [1…255]: function enabled. Unit: second.
Applicable Model	Excluding T311/T355/T355G
Example	
SMS Sending	0000,B08,3
SMS Reply	353358017784062,B08,OK *When the tracker vibrates for more than three consecutive seconds, the tracker will send the following alert information to the preset authorized phone number:* *Tow,110721 16:40,V,12,56Km/h,97%,http://maps.meigps.com/?lat=22.513015&lng=114.057235*

3.30 Setting the Anti-Theft Function – B21

SMS Sending	0000,B21,*Status*
SMS Reply	IMEI,B21,OK

Description	Status = 1: function enabled (default). When the device detects that the vehicle door is open or the ACC is on, an alert will be generated. Status = 0: function disabled. The vehicle door detection ports and ACC detection ports of vehicle trackers are as follows: **Tracker** / **Negative Input (Vehicle Door)** / **Positive Input (ACC)** MVT800 / Input 3 / Input 4 T322X / Input 3 / Input 2 Note: When the T322X/MVT800 is in arming state and input 3 is triggered, a vehicle theft alert will be generated, the buzzer makes a sound, and the tracker makes a call and sends an SMS to the authorized phone number. In this way, if T322X input 2/MVT800 input 4 is triggered, output 1 is activated and the tracker makes a call and sends an SMS to the authorized phone number.
Applicable Model	MVT800/T322X/T355/T355G
Example	
SMS Sending	0000,B21,1
SMS Reply	353358017784062,B21,OK

3.31 Setting Auto Arming – B27

SMS Sending	0000,B27,X
SMS Reply	IMEI,B27,OK
Description	X = 1: function enabled. X = 0: function disabled. When the device is in sleep mode and the function has been enabled, the device will enter auto arming state. You can set disarming by B21 command or remote control.
Applicable Model	T366G
Example	
SMS Sending	0000,B27,10
SMS Reply	353358017784062,B27,OK

3.32 Turning off the LED Indicator – B31

SMS Sending	0000,B31,A
SMS Reply	IMEI,B31,OK
Description	When A is **00**, the tracker's indicator is turned on (default). You can query the device's running status according to the indicator status. When A is **10**, the tracker's indicator is turned off.
Applicable Model	Excluding T322X/T355
Example	

SMS Sending	0000,B31,10
SMS Reply	353358017784062,B31,OK

3.33 Setting a Log Interval – B34

SMS Sending	0000,B34,*Log interval*
SMS Reply	IMEI,B34,OK
Description	Set the interval for recording data to device's memory when the GPS signal is valid. Log interval = 0: function disabled (default). Log interval = [1…65535]: function enabled. Unit: second. Recorded logs can only be read by Meitrack Manager software.
Applicable Model	Excluding T322X/MVT340/T355
Example	
SMS Sending	0000,B34,60
SMS Reply	353358017784062,B34,OK

3.34 Setting the SMS Time Zone – B35

SMS Sending	0000,B35,*SMS minute*
SMS Reply	B35,OK
Description	The default time zone of the tracker is GMT 0. You can run the B35 command to change the time zone of an SMS report to the local time zone. The SMS report time zone is different from the GPRS data packet time zone. When **SMS minute** is **0**, the time zone is **GMT 0**. When **SMS minute** is a value ranging from -720 to 780, set time zones.
Applicable Model	All
Example	
SMS Sending	0000,B35,480
SMS Reply	353358017784062,B35,OK

3.35 Setting the GPRS Time Zone – B36

SMS Sending	0000,B36,*GPRS minute*
SMS Reply	IMEI,B36,OK
Description	When **GPRS minute** is **0**, the time zone is **GMT 0** (default). The MS03 can automatically detect the user time zone, so that the GPRS time zone does not need to be changed. Otherwise, inaccurate data occurs. When **GPRS minute** is a value ranging from -720 to 780, set time zones. If the tracking platform that you use is not Meitrack platform and cannot detect the time zone, you can set the GPRS time zone as required.
Applicable Model	Excluding TC68S/T355/T355G
Example	

SMS Sending	0000,B36,480
SMS Reply	353358017784062,B36,OK

3.36 Determining Vehicle Status by ACC Status – B60

SMS Sending	0000,B60,X
SMS Reply	IMEI,B60,OK
Description	X = 1: Determine whether the vehicle is moving or stops moving by ACC status. When the device detects that the ACC is on, the vehicle is moving. When the device detects that the ACC is off, the vehicle stops moving. X = 0 (default): Determine whether the vehicle is moving or stops moving by ACC status, 3-axis accelerometer, revolutions per minute (RPM) and vehicle's driving speed. When the device detects that the ACC is off, device's longitude and latitude will not be updated, so as to avoid static drift. Note: The first positive input of vehicle trackers connects to engine detection by default. The ACC detection ports of vehicle trackers are as follows:

Tracker	Positive Input (ACC)
MVT100	Input 2
MVT340	Input 2
MVT380	Input 4
MVT600	Input 3
T1/T333/T3	Input 3
MVT800	Input 4
T322X	Input 2
T366G	Input 2
T622G	Input 2

Applicable Model	MVT100/MVT340/MVT380/MVT600/T1/MVT800/T366G/T333/T3/T366G/T622G
Example	
SMS Sending	0000,B60,1
SMS Reply	353358017784062,B60,OK

3.37 Setting SMS Event Characters – B91

SMS Sending	0000,B91,*SMS event code*,*SMS header*
SMS Reply	IMEI,B91,OK
Description	Header: a maximum of 16 bytes For details, see section 1.2 "Event Code and SMS Header."
Applicable Model	Excluding T322X
Example	
SMS Sending	0000,B91,1,SOS
SMS Reply	353358017784062,B91,OK

3.38 Setting Event Authorization – B99

SMS Sending	0000, B99,<SMS>/<0>,<*Phone number location*>/<*Authorized phone number*>,<*Operation code*>, [*Event code 1*]……[*Event code n*] 0000,B99,<CALL>/<1>,<*Phone number location*>/<*Authorized phone number*>,<*Operation code*>, [*Event code 1*]……[*Event code n*] 0000,B99,<GPRS>/<2>,<*Operation code*>, [*Event code 1*]……[*Event code n*] 0000,B99,<CAMERA>/<3>,<*Operation code*>, [*Event code 1*]……[*Event code n*] 0000,B99,<BUZZER>/<4>,<*Operation code*>, [*Event code 1*]……[*Event code n*].
SMS Reply	IMEI,B99,<SMS>/<0>,<*Phone number location*>,<*Authorized phone number*>, [*Event code 1*]……[*Event code n*] IMEI,B99,<CALL>/<1>,<*Phone number location*>,<*Authorized phone number*>, [*Event code 1*]……[*Event code n*] IMEI,B99,<GPRS>/<2>,[*Event code 1*]……[*Event code n*] IMEI,B99,<CAMERA>/<3>,[*Event code 1*]……[*Event code n*] IMEI,B99,<BUZZER>/<4>,[*Event code 1*]……[*Event code n*]
Description	Fields SMS, CALL, CAMERA, GPRS, and BUZZER can be presented by 0–4 in decimal string. Operation codes GET, SET, ADD, and DEL can be presented by 0–3 in decimal string. These characters are not case-sensitive. Note: Ensure that an authorized phone number is set by using the A71 command or the parameter configuration tool before the B99 command is used to set the SMS/CALL event code. The tracker compares the authorized phone number issued by B99 with the authorized phone number (excluding +86 characters) of the tracker. If the phone numbers are the same, the new event code will be stored. If the phone numbers are inconsistent, an error SMS will be sent.
Applicable Model	Excluding T322X
Example	
SMS Sending	0000, B99,gprs,get
SMS Reply	353358017784062, B99,1,17,18

3.39 Controlling Output Status – C01

SMS Sending	0000,C01,*Speed*,ABCDE
SMS Reply	IMEI,C01,OK
Description	When the speed is **0**, no speed limit exists. That is, when the tracker receives a command, the function takes effect immediately. When the speed is a value ranging from 1 to 255 (unit: km/h), set the speed limit. When the driving speed is lower than the speed limit, the function takes effect. A=0, close output (output 1) - open drain A=1, open output (output 1) - connect to GND A=2, remain previous status. B=0, close output (output 2) - open drain

	B=1, open output (output 2) - connect to GND B=2, remain previous status. C=0, close output (output 3) - open drain C=1, open output (output 3) - connect to GND C=2, remain previous status. D=0, close output (output 4) - open drain D=1, open output (output 4) - connect to GND D=2, remain previous status. E=0, close output (output 5) - open drain E=1, open output (output 5) - connect to GND E=2, remain previous status.
Applicable Model	Excluding TC68S/P99G/MT90/MT90G/T355/T355G
Example	
SMS Sending	0000,C01,20,12221
SMS Reply	353358017784062,C01,OK

3.40 Setting a GPRS Event Transmission Mode – C03

SMS Sending	0000,C03,X
SMS Reply	IMEI,C03,OK
Description	X = 0: automatic event report (default) X = 1: Before another event can be transmitted, existing event reports need to be confirmed and deleted on the server by the AFF command. Select this mode when GPRS uses UDP.
Applicable Model	Excluding T322X/T355G
Example	
SMS Sending	0000,C03,0
SMS Reply	353358017784062,C03,OK

3.41 Setting I/O Port Status – C08

SMS Sending	0000,C08,IO0:Mn,IO1:Mn,IO2:Mn,IO3:Mn,IO4:Mn
SMS Reply	IMEI,C08,IO0:Mn,IO1:Mn,IO2:Mn,IO3:Mn,IO4:Mn

Description	1. IO0, IO1, IO2, IO3, and IO4 indicate I/O ports. IO0: open collector by default (yellow cable) IO1: 1-Wire interface by default (green cable) IO2: negative input by default (grey cable) IO3: positive input by default (white cable) IO4: AD input by default (blue cable) 2. Mn indicates the I/O port status. The parameter value is as follows: 0: low trigger 1: high trigger 2: AD input 3: Remote control input 4: open collector 5: low output 6: PWM output 7: Buzzer alert output 8: 1-Wire 3. You can set one or multiple input ports at the same time. The command **0000,C08** is used to read I/O port parameters. Note: 1. IO0: **Mn** parameter value is 4, 5, or 6. 2. IO1: **Mn** parameter value is 0, 4, 5, 7, or 8. 3. IO2: **Mn** parameter value is 0, 1, or 2. 4. IO3: **Mn** parameter value is 0, 1, or 2. 5. IO4: **Mn** parameter value is 0, 1, 2, or 3.
Applicable Model	T366G
Example	
SMS Sending	0000,C08,IO0:5
SMS Reply	353358017784062,C08,IO0:5,IO1:0,IO2:2,IO3:2,IO4:1

3.42 SMS Display (LCD Display) – C11

SMS Sending	0000,C11,*Text*
SMS Reply	IMEI,C11,OK
Description	**The command is used to show an SMS sent by a mobile phone on the LCD display.** Text: indicates the SMS text. ASCII character string; a maximum of 140 bytes. The MVT600 does not support Unicode.
Applicable Model	MVT600/T1/T333/T3/T622G
Example	
SMS Sending	0000,C11,SMS Message
SMS Reply	353358017784062,C11,OK

3.43 Setting the Fuel Theft Alert – C49

SMS Sending	0000,C49,*Time for fuel check*,*Percent of fuel decrease*
SMS Reply	IMEI,C49,OK
Description	Time for fuel check = 0: function disabled. Time for fuel check = [1…255]: function enabled. Decimal; unit: minute; default value: 3. Percent of fuel decrease = 0: function disabled. Percent of fuel decrease = [1…100]: function enabled. Decimal; default value: 2. By default, the percent of fuel decrease is 2% within 3 minutes, a fuel theft alert will be generated (for example: **C49,3,2**). Note: The percent of fuel decrease must be over two times larger than the percent of fuel sensor accuracy. For example, if the fuel sensor accuracy is 10 mm and its height is 500 mm, the recommended percent of fuel decrease is 4% (10/500 x 2).
Applicable Model	MVT600/T1/T333/MVT800/T366G/T622G
Example	
SMS Sending	0000,C49,3,2
SMS Reply	353358017784062,C49,OK

3.44 Setting the Volume of Device's Microphone and Speaker – C69

SMS Sending	0000,C69,*Microphone volume*,*Speaker volume*
SMS Reply	IMEI,C69,OK
Description	Microphone volume: decimal; value range: 0–100. When the parameter value is **0**, the microphone will be muted. Speaker volume: decimal; value range: 0–100. When the parameter value is **0**, the speaker will be muted.
Applicable Model	T1/T333/P99G
Example	
SMS Sending	0000,C69,5,5
SMS Reply	353358017784062,C69,OK

3.45 Powering Off the Device by Command – C76

SMS Sending	0000,C76
SMS Reply	IMEI,C76,OK
Description	This command is used to power off the device. Note: When the GSM signal is not good, you may not receive the reply of this command.
Applicable Model	P99G
Example	
SMS Sending	0000,C76
SMS Reply	353358017784062,C76,OK

3.46 Disabling the Power-off Function of the Power Button – C77

SMS Sending	0000,C77,X
SMS Reply	IMEI,C77,OK
Description	X: Whether to disable the power-off function of the power button. ● **X = 1**: You can turn off the device by power button. ● **X = 0**: You cannot turn off the device by power button.
Applicable Model	P99G
Example	
SMS Sending	0000,C77,1
SMS Reply	353358017784062,C69,OK

3.47 Authorizing an RFID Card/iButton Key – D10

SMS Sending	0000,D10,RFID(1),RFID(2),…,RFID(n)
SMS Reply	IMEI,D10, OK
Description	RFID (n): indicates the authorized RFID card number. The value ranges from 1 to 4294967295. Decimal. A maximum of 50 RFID cards can be authorized at a time.
Applicable Model	MVT600/T1/T333/T3/T366G/T622G
Example	
SMS Sending	0000,D10,00000001
SMS Reply	353358017784062,D10,OK

3.48 Authorizing RFID Cards/iButton Keys in Batches – D11

SMS Sending	0000,D11,*RFID card start number*,n
SMS Reply	IMEI,D11, OK
Description	RFID card start number: The value ranges from 1 to 4294967295. Decimal. n: indicates the number of batch-authorized RFID cards. Decimal. The maximum value is **128**.
Applicable Model	MVT600/T1/T333/T3/T366G/T622G
Example	
SMS Sending	0000,D11,00000001,128
SMS Reply	353358017784062,D11,OK

3.49 Deleting an Authorized RFID Card/iButton Key – D14

SMS Sending	D14,RFID(1),RFID(2),…,RFID(n)
SMS Reply	D14, OK
Description	RFID (n): indicates the RFID to be deleted. The value ranges from 1 to 4294967295. Decimal.

	A maximum of 50 RFID cards can be deleted at a time. One SMS (including protocols) cannot exceed 140 bytes.
Applicable Model	MVT600/T1/T333/T3/T366G/T622G
Example	
SMS Sending	0000,D14,00000001
SMS Reply	353358017784062,D14,OK

3.50 Deleting Authorized RFID Cards/iButton Keys in Batches – D15

SMS Sending	0000,D15,*RFID card start number*,n
SMS Reply	IMEI,D15, OK
Description	RFID card start number: ranges from 1 to 4294967295. Decimal. n: indicates the number of RFID cards to be deleted in batches. Decimal. The maximum value is **128**. When the card start number is a value ranging from 1 to 4294967295 and **n** is greater than or equal to 65536, all authorized numbers will be deleted.
Applicable Model	MVT600/T1/T333/T3/T366G/T622G
Example	
SMS Sending	0000,D15,00000001,128
SMS Reply	353358017784062,D15,OK

3.51 Setting Idling Time – D34

SMS Sending	0000,D34,*Time*
SMS Reply	IMEI,D34,OK
Description	Time: When the device detects that the driving speed is 0 and the ACC is on (input 2 activated) for consecutive several minutes, an idling alert will be generated. Value range: 0–65536; unit: minute; default value: 1 minute
Applicable Model	T366G/T622G
Example	
SMS Sending	0000,D34,1
SMS Reply	353358017784062,D34,OK

3.52 Setting GPS Data Filtering – D71

SMS Sending	0000,D71,X,Y1,Y2,Y3,Y4
SMS Reply	IMEI,D34,OK
Description	**X**: Whether to enable the GPS data filtering function. **1**: Enable the function. **0**: Disable the function (default). **Y1**: indicates the minimum value of the driving speed. Value range: 0–999 km/h. When the driving speed is greater than **Y1**, GPS data will be updated. **Y2**: indicates the maximum value of the driving speed. Value range: 0–999 km/h. When

	the driving speed is less than **Y2**, GPS data will be updated. **Y3**: indicates the number of satellites. Value range: 0–99. When the number of satellites is greater than **Y3**, GPS data will be updated. **Y4**: indicates the positioning accuracy. Unit: x10. Value range: 0–999. When the positioning accuracy value is less than **Y4**, GPS data will be updated. When the GPS data filtering function is enabled, if all conditions of Y1, Y2, Y3 and Y4 are met, GPS data will be updated. The GPS data filtering function can eliminate static drift, but it will affect the route precision.
Applicable Model	T622G/T366G
Example	
SMS Sending	0000,D71,1,5,225,8,9
SMS Reply	353358017784062,D71,OK

3.53 Setting Output Triggering – D72

SMS Sending	0000,D72,X,Y1,Y2,Y3,Y4
SMS Reply	IMEI,D72,OK
Description	**X**: Select an output port. **1**: OUT1. **2**: OUT2. **Y1**: indicates the output time when an event is triggered. Unit: 10 ms. Value range: 0–4294967295. **Y2**: Value: 0, 1, and 2. ● **0**: Output high level. ● **1**: Output low level (default). ● **2**: Output PWM wave. **Y3**: indicates the PWM duty cycle. Value range: 0–100. **Y4**: indicates the PWM period. Unit: μs. Value range: 2000–50000000. Configure output triggering according to your requirements. The output is low level by default. The PWM duty cycle and period are available for PWM wave output only.
Applicable Model	T622G/T366G
Example	
SMS Sending	0000,D72,1
SMS Reply	353358017784062,D72,OK

3.54 Allocating GPRS Cache and GPS Log Storage Space – D73

SMS Sending	0000,D73,X,Y
SMS Reply	IMEI,D73,OK
Description	**X**: Set the storage percentage of GPRS cache. Decimal in percentage. **Y**: Set the storage percentage of GPS logs. Decimal in percentage. The sum of X and Y must be 100. If data is stored in internal memory which has 8 MB capacity, GPRS cache and GPS logs occupy 50% of the total capacity respectively by default (that is, 8,190 GPRS cache

	records and 65,536 GPS logs). At most 16,384 GPRS cache records and 131,072 GPS logs are allowed.
Applicable Model	T622G/P99G
Example	
SMS Sending	0000,D73,1
SMS Reply	353358017784062,D73,OK

3.55 Setting the Harsh Acceleration/Braking Alert – D78

SMS Sending	D78,X1,X2,Y1,Y2
SMS Reply	IMEI,D78,OK
Description	X1: indicates the value of a harsh acceleration alert. Decimal; unit: mG; value range: 90–1000; default value: 100. X2: indicates the consecutive time of a harsh acceleration alert. Unit: 10 ms; value range: 30–300; default value: 40. Y1: indicates the value of a harsh braking alert. Decimal; unit: mG; value range: -1500 to -100; default value: -200. Y2: indicates the consecutive time of a harsh braking alert. Unit: 10 ms; value range: 30–300; default value: 65. If you want to query the parameters, send **D78**.
Applicable Model	T622G/T366G
Example	
SMS Sending	0000,D78,1
SMS Reply	353358017784062,D78,OK

3.56 Reading Device's Firmware Version and SN – E91

SMS Sending	0000,E91
SMS Reply	IMEI,E91,*Version*,*SN*
Description	Read the tracker's firmware version and SN.
Applicable Model	All
Example	
SMS Sending	0000,E91
SMS Reply	353358017784062,E91,FWV1.00,12345678

3.57 Restarting the GSM Module – F01

SMS Sending	0000,F01
SMS Reply	IMEI,F01,OK
Description	Restart the GSM module.
Applicable Model	Excluding T322X/Trackids
Example	

SMS Sending	0000,F01
SMS Reply	353358017784062,F01,OK

3.58 Restarting the GPS Module – F02

SMS Sending	0000,F02
SMS Reply	IMEI,F02,OK
Description	Restart the GPS module.
Applicable Model	Excluding T322X/Trackids
Example	
SMS Sending	0000,F02
SMS Reply	353358017784062,F02,OK

3.59 Setting the Mileage and Run Time – F08

SMS Sending	0000,F08,*Run time*,*Mileage*
SMS Reply	IMEI,F08,OK
Description	Run time: ● Value range: [0…4294967295] ● Decimal ● Unit: second If you do not want to set the parameter, leave it blank. Mileage: ● Value range: [0…4294967295] ● Decimal ● Unit: meter If you do not want to set the parameter, leave it blank.
Applicable Model	All
Example	
SMS Sending	0000,F08,0,4825000
SMS Reply	353358017784062,F08,OK *Note: In the command above, the run time is 0, and the mileage is 4825 km.*

3.60 Deleting SMS/GPRS Cache Data – F09

SMS Sending	0000,F09,*Number*
SMS Reply	IMEI,F09,OK
Description	If the number is **1**, SMS cache data to be sent is deleted. If the number is **2**, GPRS cache data to be sent is deleted. If the number is **3**, SMS and GPRS cache data to be sent is deleted.
Applicable Model	All
Example	

SMS Sending	0000,F09,1
SMS Reply	353358017784062,F09,OK

3.61 Backing up Device Parameters – F10

SMS Sending	0000,F10,X,*User-defined parameters*
Description	**X = 0**: Obtain a user-defined device parameter name. **X = 1**: Restore user-defined device parameters. **X = 2**: Set the user-defined device parameters to the system parameters. Please save device parameter names that you set. **X = 3**: Delete user-defined device parameters and corresponding parameter names (non-numeric ASCII characters like 00 or FF). **User-defined parameters**: At most 32 ASCII characters. If the value is less than 32 characters, add non-numeric ASCII characters like 00 or FF.
Applicable Model	P99G
Example	
SMS Sending	0000,F10,0
SMS Reply	353358017784062,F10,123

3.62 Restoring Initial Settings – F11

SMS Sending	0000,F11
SMS Reply	IMEI,F11,OK
Description	Restore initial settings except the SMS password.
Applicable Model	All
Example	
SMS Sending	0000,F11
SMS Reply	353358017784062,F11,OK

3.63 Changing the Tracker Password – F20

SMS Sending	0000,F20,*New password*
SMS Reply	IMEI,F20,OK
Description	Change the SMS password. Note: The password has four digits in decimal string.
Applicable Model	All
Example	
SMS Sending	0000,F20,1234
SMS Reply	353358017784062,F20,OK

3.64 Initializing the Tracker Password – FAB

SMS Sending	8888,FAB
SMS Reply	IMEI,FAB,OK
Description	The command is to restore the tracker's password to its original manufacturer settings. The command takes effect only when you use the authorized phone number to send the command.
Applicable Model	All
Example	
SMS Sending	8888,FAB
SMS Reply	353358017784062,FAB,OK

If you have any questions, do not hesitate to email us at info@meitrack.com.