MEITRACK SMS Protocol

Applicable Model: MT90/MVT100/MVT340/MVT380/ MVT600/T1/T3/T333/MVT800/T322X/ TC68S/T355/T355G/T311/T622G/T366/T366G/ P99G/P66/T388G/T688

Change History

File Name	MEITRACK SMS Protocol		
Project	MT90/MVT100/MVT340/MVT380/ MVT600/T1/T3/T333/MVT800/T322X/ TC68S/T355/T355G/T311/T622G/T366/T366G/ P99G/P66/T388G/T688	Creation Date Update Date	2010-07-31 2018-10-10
Subproject	SMS Protocol	Total Pages	45
Version	V2.3	Confidential	Internal Documentation

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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 has 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*

Note: If the MT90/T311/TC68S is installed with a Micro SD card that supports maps, the device will reply to a Chinese address.

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, including general reports or various types of alert information. 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	Value: 0–31 Decimal GPRS data can be sent successfully only when the value is greater 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. **lat** indicates the latitude, and **lng** indicates the longitude. If your mobile phone does not support HTTP, enter the latitude and longitude in Google Maps (maps.google.com). Query a location. (Note: The two digits placed before the	http://maps.meigps.com/?lat=22.513015&l ng=114.057235 Latitude: 22.513015 Longitude: 114.057235

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	decimal point are a latitude, and the three digits placed before the decimal point are a longitude.)	

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**	/

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32	**Cornering**	Cornering
33	**Track By Distance**	Distance
34	**Reply Current (Passive)**	Now
36	**Tow**	Tow
40	**Power Off**	Power Off
44	**GSM Jamming**	GSM Jamming
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
63	**No GSM Jamming**	No GSM Jamming
78	**Impact**	Impact
79	**Fall**	Fall
80	**Install**	Install
81	**Drop Off**	Drop Off
82	**Fuel Filling**	Fuel Filling
83	**Ult-Sensor Drop**	Ult-Sensor Drop
90	**Sharp Turn to Left**	Harsh Cornering
91	**Sharp Turn to Right**	Harsh Cornering
94	**Output 1 Active**	Out1 Active
95	**Output 2 Active**	Out2 Active
96	**Output 1 Inactive**	Out1 Inactive
97	**Output 2 Inactive**	Out2 Inactive
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.

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2 Command List

Command	Command Description	Applicable Model
A00	Real-Time Location Query	All models
A02	Tracking by Time Interval (SMS)	Excluding T322X/P66
A10	Real-Time Longitude and Latitude Query	All models
A11	Setting a Heartbeat Packet Reporting Interval (GPRS)	All models
A12	Tracking by Time Interval (GPRS)	All models
A13	Setting the Cornering Report	All models
A14	Tracking by Distance	All models
A15	Setting the Parking Scheduled Tracking Function	MVT100/340/380/600/800/T322X/T311/T3 T333/T1/T366/T366G/T662G/T388G/T688
A16	Enabling the Parking Scheduled Tracking Function	MVT100/340/380/600/800/T311 T333/T1/T322X/T3/T366/T366G/T622G/T388G/T688
A17	Controlling Output 1 Status by RFID	MVT600/T1/T333/T3/T366/T366G/T622G/T388G/T688
A19	Waking the Device Up by Vibration	MT90/MT90G/T355/T355G/P99G/P66
A21	Setting GPRS Parameters	All models
A22	Setting the DNS Server IP Address	Excluding T322X/T355/T355G/P66
A23	Setting the Standby GPRS Server	Excluding T322X/P66
A29	Setting the Man Down Alert	MT90/MT90G/P99G
A55	Setting a Time Interval in Roaming Mode	Excluding T322X/T355/T355G/T622G
A70	Reading All Authorized Phone Numbers	All models
A71	Setting Authorized Phone Numbers	All models
A72	Setting Listen-in Phone Numbers	Excluding T322X/T355/T355G/T311/MVT100/MVT340/P66
A73	Setting the Smart Sleep Mode	All models
A75	Querying the SIM Card Balance	T1/MVT600/MT90/MT90G/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 models
B06	Deleting a Geo-Fence	All models
B07	Setting the Speeding Alert	All models
B08	Setting the Towing Alert	Excluding T355/T355G/P66
B09	Setting the Vibration Sensitivity Level	T366/T366G
B10	Fast Setting the Towing Alert	T1/T333/T366/T366G/P99G

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B11	Setting a Polygonal Geo-Fence – B11	T1/T333/T366/T366G
B14	Setting the Idling Alert	T1/T333/T366/T366G/T388G
B15	Setting Driver Fatigue Parameters	T1/T333/T366/T366G/T388G
B21	Setting the Anti-Theft Function	MVT100/MVT340/MVT380/MVT600/MVT800/T322X/T1/T3/T333/TC68S/T355/T355G/T311/T622G/T366/T366G/T388G/T688
B22	Setting the Mileage and Speed Calculation Mode	T688
B26	Setting Filtering Time of an Input Port	T1/T333/T366/T366G
B27	Setting Auto Arming	T366/T366G
B31	Turning off the LED Indicator	Excluding T322X/T355
B34	Setting a Log Interval	Excluding MVT340/T322X
B35	Setting the SMS Time Zone	All models
B36	Setting the GPRS Time Zone	Excluding T355/T355G
B37	Setting the Auto Sleep Function	T1/T333/T366/T366G
B38	Setting the Auto Sleep Voltage	T1/T333/T366/T366G
B43	Setting the Roaming Table Switching Function	T366/T366G
B60	Determining Vehicle Status by ACC Status	Excluding T322X/MT90/MT90G/P99G/TC68S/T355/T355G/P66
B72	Setting the Fuel Filtering Function	T1/T333
B91	Setting SMS Event Characters	Excluding T322X/TC68S
B99	Setting Event Authorization	All models
C01	Controlling Output Status	Excluding TC68S/P99G/MT90/MT90G/T355/T355G/P66/T322X
C03	Setting a GPRS Event Transmission Mode	Excluding T322X/T355/T355G/P66
C08	Setting I/O Port Status	T366/T366G
C11	SMS Display (LCD Display)	MVT600/T1/T333/T3
C49	Setting the Fuel Theft Alert	MVT600/T1/MVT800/T333/T3/T366/T366G/T622G/T388G/T688
C69	Setting the Volume of Device's Microphone and Speaker	T1/T333/P99G
C70	Setting a Serial Port and a Peripheral	T1/T333/T366/T366G
C76	Powering Off the Device by Command	P99G
C77	Disabling the Power-off Function of the Power Button	P99G/T1/T333/T366/T366G
C85	Setting the GSM Jamming Detection Function	T1/T333/T366/T366G
D10	Authorizing an RFID Card/iButton Key	MVT600/T1/T333/T3/T366/T366G/T622G/T388G/T688
D11	Authorizing RFID Cards/iButton Keys in	MVT600/T1/T333/T3/

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	Batches	T366/T366G/T622G/T388G/T688
D12	Checking iButton/RFID Authorization	MVT600/T1/T333/T3/ T366/T366G/T622G/T388G/T688
D14	Deleting an Authorized RFID Card/iButton Key	MVT600/T1/T333/T3/ T366/T366G/T622G/T388G/T688
D15	Deleting Authorized RFID Cards/iButton Keys in Batches	MVT600/T1/T333/T3/ T366/T366G/T622G/T388G/T688
D34	Setting Idling Time	T366/T366G/T622G
D71	Setting GPS Data Filtering	T366/T366G/T622G
D72	Setting Output Triggering	T622G
D73	Allocating GPRS Cache and GPS Log Storage Space	T366/T366G/T622G/P99G
D78	Setting the Harsh Acceleration/Braking Alert	T366/T366G/T622G
D79	Setting Harsh Acceleration and Harsh Braking Parameters	T1/T333/T366/T366G
D80	Setting Harsh Cornering Parameters	T1/T333/T366/T366G
E91	Reading Device's Firmware Version and SN	All models
F01	Restarting the GSM Module	Excluding T322X/P66
F02	Restarting the GPS Module	Excluding T322X/P66
F08	Setting the Mileage and Run Time – F08	All models
F09	Deleting SMS/GPRS Cache Data	All models
F10	Backing up Device Parameters	P99G
F11	Restoring Initial Settings	All models
F20	Changing the Tracker Password	All models
FAB	Initializing the Tracker Password	All models

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 current location of the tracker. For details, see section 1.1 "SMS Command Format."
Applicable Model	All models
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

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3.2 Tracking by Time Interval (SMS) – A02

SMS Sending	0000,A02,*Interval*,*Number of reporting times*,*Phone No.*
SMS Reply	IMEI,A02,OK
Description	Interval = 0: The automatic SMS reporting function is disabled (default). Interval = [1…65535]: The automatic SMS reporting function is enabled. Set the reporting time interval. Unit: minute. Number of reporting times = 0: uninterrupted data reporting (used in the platform). Number of reporting times = [1…255]: Data 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/P66
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 an SMS with positioning information 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 current location of the tracker. The reply content is in longitude and latitude format. When you run the A10 command, if the tracker's GPRS function has been 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 models
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 (GPRS) – A11

SMS Sending	0000,A11,*Interval*
SMS Reply	A11,OK/*<Error code>*

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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 models
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	**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.** Set the GPRS tracking time interval. Interval unit: x10 seconds Interval = 0: function disabled. The maximum time interval is 65535 x 10 seconds.
Applicable Model	All models
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 location information 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 models
Example	
SMS Sending	0000,A13,30
SMS Reply	353358017784062,A13,OK

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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 have been set, the "first reach first report" rule will be applied, and then both the time interval and distance counters will be reset to 0. For example, set the time interval to 6 x 10 seconds and distance to 200 meters. If the road is clear and the driving time is less than 1 minute, a distance data packet will be reported first; if there is heavy traffic on the road and the vehicle only drives 100 meters within 1 minute, a time interval data packet will be reported first.
Applicable Model	All models
Example	
SMS Sending	0000,A14,1000
SMS Reply	353358017784062,A14,OK *After the above command is run successfully, if the driving distance reaches 1000 meters, 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 will be 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 time interval is 65535 x 10 seconds.
Applicable Model	MVT100/340/380/600/800/T322X/T311/T333/T1/T3/T366/T366G/T662G/T388G/T688
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

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<table>
<tr><td>Description</td><td>Related input ports (high level) of vehicle trackers must be connected to engine detection. Otherwise, the function is unavailable. The first positive input port of vehicle trackers are as follows:
<table>
<tr><th>Tracker Model</th><th>First Positive Input</th></tr>
<tr><td>MVT100</td><td>Input 2</td></tr>
<tr><td>MVT340</td><td>Input 2</td></tr>
<tr><td>MVT380</td><td>Input 4</td></tr>
<tr><td>MVT600</td><td>Input 3</td></tr>
<tr><td>T1/T333/T3</td><td>Input 3</td></tr>
<tr><td>MVT800</td><td>Input 4</td></tr>
<tr><td>T322X</td><td>Input 2</td></tr>
<tr><td>T366/T366G</td><td>Input 2</td></tr>
<tr><td>T622G</td><td>Input 3</td></tr>
<tr><td>T388G</td><td>Input 3</td></tr>
<tr><td>T688</td><td>Input 3</td></tr>
</table>
When the status value is 1, the parking scheduled tracking function is enabled, and GPRS data is sent at the following interval:
● Engine on: Data is sent at the interval of the A12 command.
● Engine off: Data is sent at the interval of the A15 command.
When the status value is 0, the parking scheduled tracking function is disabled, and GPRS data is sent at the following interval:
● Engine on: Data is sent at the interval of the A12 command.
● Engine off: Data is sent at the interval of the A12 command.
Note: The TC68S can determine whether the engine is activated based on vehicle voltage.</td></tr>
<tr><td>Applicable Model</td><td>MVT100/340/380/600/800/T311/T333/T1/T322X/T3/T366/T366G/T622G/T388G/T688</td></tr>
<tr><td>Example</td><td></td></tr>
<tr><td>SMS Sending</td><td>0000,A16,0</td></tr>
<tr><td>SMS Reply</td><td>353358017784062,A16,OK</td></tr>
</table>

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 (input 3 connects to engine detection) within 1 minute. If the time exceeds 1 minute, you need to swipe the card again. After the engine is started, input 3 will always detect 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.

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	Note: 1. If the function is enabled, output 1 will be activated. 2. For the T366/T366G tracker, the ACC detection is connected to input 2. 3. For the T366/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. 4. For details about how to authorize a RFID, see commands D10–D15.
Applicable Model	MVT600/T1/T333/T3/T366/T366G/T622G/T388G/T688
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/P66
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 the TCP/IP reporting mode. Connection mode = 2: function enabled; use the 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 models
Example	
SMS Sending	0000,A21,1,server.meigps.com,8800 ,CMNET,,
SMS Reply	353358017784062,A21,OK

3.13 Setting the DNS Server IP Address – A22

SMS Sending	0000,A22,*DNS server IP address*

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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. You can use the A22 command to set the DNS server IP address (confirm the IP address with your domain name provider), and 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/P66
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 will be automatically sent to the standby server to prevent data loss.
Applicable Model	Excluding T322X/P66
Example	
SMS Sending	0000,A23, 182.92.69.175,8800
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	

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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. In this mode, parameter **T1** is used as the data uploading interval when ACC ON, and parameter **T2** is used as 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 used as the data uploading interval. In roaming mode, parameter **T3** is used as the data uploading interval. The command format is **A55,2,T1,T3**. ● Mode 3 (T1 + T3 + T4): In Local mode, parameter **T1** is used as the data uploading interval and the interval is not restricted by the engine status. In roaming mode, when the engine starts, parameter **T3** is used as the data uploading interval; when the engine stops, parameter **T4** is used as 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 used as the data uploading interval; when the engine stops, parameter **T2** is used as the data uploading interval. In Roaming mode, when the engine starts, parameter **T3** is used as the data uploading interval; when the engine stops, parameter **T4** is used as the data uploading interval. 3. After a GPRS interval is set by using the A55 command, the tracker will reply to the interval parameters. If you want to read the tracker's GPRS interval parameters, send **0000,A55** only.
Applicable Model	

Tracker Model	Mode 0	Mode 1	Mode 2	Mode 3	Mode 4
T1/T333/T3	√	√	√	√	√

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	MVT600	√	√	√	√	√
	MVT800	√	√	√	√	√
	MVT340/380	√	√	√	√	√
	MVT100	√	√	√	√	√
	MT90/P99G	√		√		
	TC68S	√		√		
	T355/T355G	√	√	√	√	√
	T366/T366G	√	√	√	√	√
	T388G	√	√	√	√	√
	T688	√	√	√	√	√
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 models
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 location information, 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. It will stop 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 models
Example	

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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. Listen-in phone number: 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/T355G/T311/MVT100/MVT340/P66
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. The above actions will be cycled. A heartbeat event will be triggered only in the deep sleep mode and is 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 invalid during heartbeat wakeup.). Note: 1. By default, the MT90/MT90G cannot be woken up by vibration. You can use the A19 command to wake the MT90/MT90G up.

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	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 started intelligently based on vehicle status, and thus to save 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 a heartbeat data packet (GPS invalid) to the platform every 60 minutes by default. 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 models
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 three querying methods: USSD command, calling (do not support voice menus), and SMS. 2. Parameters will not be saved. Querying commands are as follows: 1) Type: indicates the service type (USSD, call, and SMS). The letters can be detected when they are uppercase. 2) Code: indicates the USSD command code for balance query. 3) Num: indicates the phone number. 4) Content: indicates the text for SMS query. 5) Ussd code: indicates the USSD code text for balance query. Example: A75,*120#<Send a USSD command to query the balance. The command will be directly forwarded to the preset phone number.>

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	A75,ussd,*120#<Send a USSD command to query the balance. The command will be directly forwarded to the preset phone number.> A75,call,1008611<Make a call to query the balance. Forward an SMS to the preset phone number or platform.> A75,call,10010111<Make a call to query the balance. Forward an SMS to the preset phone number or platform.> A75,sms,10010,cxye<Send an SMS to query the balance. 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 preset phone number or platform by PDU UCS2. Trackers need to support long SMSs.
Applicable Model	T1/MVT600/MT90/MT90G/MVT340/MVT380/MVT100/P99G
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: less than 32 bytes APN-USNAME: indicates the APN user name; a maximum of 32 bytes. APN-PASSWD: indicates the APN password; a maximum of 32 bytes. For example: "0000,A81,CMNET,,", which indicates that the APN is CMNET, and the user name and password stay unchanged. Note: The command format must be complete. (Three commas are a must). If there is a parameter placed after a comma, it means that the parameter will be changed. If there is no parameter placed after a comma, 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 a heartbeat packet. Decimal; value range: 0–255; unit: minute. X = 0 (default): After the GPS module is woken up by a heartbeat packet, it does not work and the GPS is invalid.
Applicable Model	P99G
Example	

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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 with valid GPS will be uploaded. ● If the GPS is invalid within 1 minute, a heartbeat packet with 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. For the P99G, 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*,*Enter Geo-fence alert*,*Exit Geo-fence alert*
SMS Reply	IMEI,B05,OK
Description	Geo-fence number: The parameter value ranges from 1 to 8. A maximum of eight geo-fences can be set. Latitude: latitude of the geo-fence center; decimal; accurate to six digits placed after the

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	decimal point. If there are only four digits placed 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 six digits placed after the decimal point. If there are only four digits placed 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. Take coordinates of the above latitude and longitude as the center point and draw a circle with this radius. Enter Geo-fence alert = 0: function disabled. Enter Geo-fence alert = 1: function enabled. Exit Geo-fence alert = 0: function disabled. Exit Geo-fence alert = 1: function enabled.
Applicable Model	All models
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: 1000 meters), it will send the following alert information to the preset authorized phone number:* *ExitGEO,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: The parameter value ranges from 1 to 8. Only one geo-fence can be deleted each time by SMS or GPRS command.
Applicable Model	All models
Example	
SMS Sending	0000,B06,1
SMS Reply	353358017784062,B06,OK

3.28 Setting the Speeding Alert – B07

SMS Sending	0000,B07,D*riving 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 models
Example	
SMS Sending	0000,B07,60

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SMS Reply	353358017784062,B07,OK *After the above command is run successfully, if the tracker's 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,*Consecutive vibration time*
SMS Reply	IMEI,B08,OK
Description	When the tracker is in deep mode and it's consecutive vibration time exceeds the preset value, the tracker will send an alert to an authorized phone number or the server. Before using the towing alert function, use the A73 command to set the smart sleep level to 2 and use the B08 command to set the consecutive vibration time. Otherwise, the towing alert function will be unavailable. Consecutive vibration time = 0: function disabled (default). Consecutive vibration time = [1…255]: function enabled. Unit: second.
Applicable Model	Excluding T355/T355G/P66
Example	
SMS Sending	0000,B08,3
SMS Reply	353358017784062,B08,OK *After the above command is run successfully, if 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 Vibration Sensitivity Level – B09

SMS Sending	0000,B09,*Sensitivity level*
SMS Reply	IMEI,B09,OK
Description	The vibration sensitivity level is used to detect whether the tracker stops moving, starts moving or is woken up by vibration, or a towing alert is generated. Sensitivity level: The parameter value ranges from 1 to 65535. The parameter value cannot be 0. The smaller the parameter value is, the stronger the sensitivity is. The default value is **1**.
Applicable Model	T366/T366G
Example	
SMS Sending	0000,B09,1
SMS Reply	353358017784062,B09,OK

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3.31 Fast Setting the Towing Alert – B10

SMS Sending	0000,B10,*Consecutive vibration time*,*Idling time*
SMS Reply	IMEI,B10,OK
Description	Consecutive vibration time = 0: function disabled (default). Consecutive vibration time = [1…255]: function enabled. Unit: second. Idling time: The default value is **2**. Unit: minute. Idling time = 0: The deep sleep mode will be disabled. Idling time = [1…255]: The power-saving function will be enabled. When the idling time exceeds the preset value, the tracker will enter deep sleep mode.
Applicable Model	T1/T333/T366/T366G/P99G
Example	
SMS Sending	0000,B10,10,5
SMS Reply	353358017784062,B10,OK

3.32 Setting a Polygonal Geo-Fence – B11

SMS Sending	0000,B11,*Geo-fence number*,*Latitude 1*,*Longitude 1*,*Latitude 2*,*Longitude 2*...*Latitude N*,*Longitude N*,*Enter Geo-fence alert*,*Exit Geo-fence alert*
SMS Reply	IMEI,B11,OK
Description	Geo-fence number: The parameter value ranges from 1 to 8. (The maximum value varies depending on customization projects.) Latitude: accurate to 6 digits placed after the decimal point. For example, 22.512517 or -22.512517. Longitude: accurate to 6 digits placed after the decimal point. For example, 114.057200 or -114.057200. Enter Geo-fence alert: The parameter value is **0** or **1**. ● **0**: An alert will not be generated when the tracker enters the geo-fence. ● **1**: An alert will be generated when the tracker enters the geo-fence. Exit Geo-fence alert: The parameter value is **0** or **1**. ● **0**: An alert will not be generated when the tracker exits the geo-fence. ● **1**: An alert will be generated when the tracker exits the geo-fence. If the command only contains the parameter **Geo-fence number**, related geo-fences will be deleted.
Applicable Model	T1/T333/T366/T366G
Example	
SMS Sending	0000,B11,1,22.526922,114.052695,22.526946,114.056232,22.523720,114.053521,1,1
SMS Reply	353358017784062,B11,OK

3.33 Setting the Idling Alert – B14

SMS Sending	0000,B14,*Time (second)*,*Speed (km/h)*
SMS Reply	IMEI,B14,OK

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Description	The command is used to detect whether an idling alert is generated. The tracker must be connected to ACC detection. Otherwise, the function will be unavailable. Time: indicates the consecutive time for the speed. The parameter value ranges from 0 to 60000. Unit: second. Speed: The parameter value ranges from 0 to 200. Unit: km/h. (5 km/h is recommended.) An idling alert will be generated when the following conditions are met simultaneously: the device detects that the ACC is on; the speed is smaller than the preset value; and the consecutive time for the speed is larger than the preset value. If you want to read the parameters, send **B14**. Note: The alert activation conditions may be affected due to static drift. Therefore, you are advised to set the speed to a value between 5 km to 10 km and the consecutive time for the speed to a value that is larger than 60 seconds.
Applicable Model	T1/T333/T366/T366G/T388G
Example	
SMS Sending	0000,B14,60,5
SMS Reply	353358017784062,B14,OK

3.34 Setting Driver Fatigue Parameters – B15

SMS Sending	0000,B15,*Consecutive driving time (minute)*,*Reserved value*,*Rest time (minute)*,*Related to speed or not*
SMS Reply	IMEI,B15,OK
Description	The command is used to detect driver fatigue. Consecutive driving time: The parameter value ranges from 0 to 1000. Unit: minute. When the consecutive driving time exceeds the preset value, driver fatigue detection will be activated. Reserved value: Leave the parameter blank for later use. Rest time: The parameter value ranges from 0 to 1000. Unit: minute. Drivers must have a rest based on the preset time. When the tracker detects that the ACC is off or the speed is 0, the driver fatigue alert will be cleared. Related to speed or not: The parameter value is **0** or **1**. **0**: The driving status is related to the ACC only. **1**: The driving status is related to the ACC and speed. Each parameter can be set separately, and the commas in this command need to be remained. For example, the command for setting the parameter **Related to speed or not** is **B15,,,,1**, and the command for setting the parameter **Consecutive driving time** is **B15,300**. If you want to read the parameters, send **B15**.
Applicable Model	T1/T333/T366/T366G/T388G
Example	
SMS Sending	0000,B15,120,,20,1
SMS Reply	353358017784062,B15,OK

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3.35 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. For details about vehicle door detection ports and ACC detection ports, see the following table. Status = 0: function disabled. The vehicle door detection ports and ACC detection ports of vehicle trackers are as follows: **Tracker Model** / **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, if input 3 (ACC) is triggered, a vehicle theft alert will be generated, the buzzer will make a sound, and the tracker will make a call and will send an SMS to the authorized phone number. If T322X's input 2 or MVT800's input 4 is triggered, output 1 will be activated (cut off fuel) and the tracker will make a call and will send an SMS to the authorized phone number.
Applicable Model	MVT100/MVT340/MVT380/MVT600/MVT800/T322X/T1/T3/T333/TC68S/T355/T355G/ T311/T622G/T366/T366G/T388G/T688
Example	
SMS Sending	0000,B21,1
SMS Reply	353358017784062,B21,OK

3.36 Setting the Mileage and Speed Calculation Mode – B22

SMS Sending	0000,B22,*Calculation mode X/Rotational speed ratio K*
SMS Reply	IMEI,B22,OK
Description	X = 0 (default): Use GPS speed. X = 1: Use the RPM speedometer and use GPS speed to automatically calibrate the rotational speed ratio K (recommended). X = 2: Use the RPM speedometer and press the SOS button to calibrate the rotational speed ratio K. Rotational speed ratio K calibrated by GPS speed are not accurate. You can send the command B22,2 to calibrate it again. You have to stop the vehicle after the mileage of the vehicle speedometer changes. The buzzer will make a long buzzing sound after the device receives the calibration command, indicating that the device enters the calibration state. At the same time, the green LED indicator will steady on. In this way, you have to drive the vehicle (no speed limit) and stop it when the driving distance reaches 1 km. Then press and hold down the SOS button for 2 seconds. The speaker will make two sounds, indicating that the rotational speed ratio K is calibrated successfully. If the calibration cannot be completed within 10 minutes, the device will exit the calibration

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	state and you have to do the operations again. Besides, the green LED indicator will be off and the rotational speed ratio K will be sent. X = K ≥ 3: Use the RPM speedometer and the rotational speed ratio is K. Rotational speed ratio K: K pulses/km X: decimal 3 ≤ K ≤ 65535
Applicable Model	T688
Example	
SMS Sending	0000,B22,60
SMS Reply	353358017784062,B22,OK

3.37 Setting Filtering Time of an Input Port – B26

SMS Sending	0000,B26,1:T1,2:T2,3:T3
SMS Reply	IMEI,B26,OK
Description	n:Tn n = 1: input 1. **T1** indicates the buffer time. The value of **T1** ranges from 0 to 65535. Unit: 10ms. The default value of **T1** is **0**. The command is used to detect triggering time of the ACC, vehicle doors, or other switches, so as to avoid misinformation. You can set one or multiple input ports at a time. If you want to read filtering time of an input port, send **B26**.
Applicable Model	T1/T333/T366/T366G
Example	
SMS Sending	0000,B26,1:1
SMS Reply	353358017784062,B26,OK

3.38 Setting Auto Arming – B27

SMS Sending	0000,B27,X
SMS Reply	IMEI,B27,OK
Description	X: Whether to enable auto arming. When the parameter value is **1**, auto arming will be enabled. When the parameter value is **0**, auto arming will be disabled. When the device is in sleep mode and the auto arming function has been enabled, the device will enter auto arming state. You can set disarming by B21 command or remote control.
Applicable Model	T366/T366G
Example	
SMS Sending	0000,B27,10
SMS Reply	353358017784062,B27,OK

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3.39 Turning off the LED Indicator – B31

SMS Sending	0000,B31,A
SMS Reply	IMEI,B31,OK
Description	When the value of **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 the value of **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

3.40 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. When there is no GPS signal, data will not be recorded. 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
Example	
SMS Sending	0000,B34,60
SMS Reply	353358017784062,B34,OK

3.41 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 time zone of an SMS report is different from that of a GPRS data packet. 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 models
Example	
SMS Sending	0000,B35,480
SMS Reply	353358017784062,B35,OK

3.42 Setting the GPRS Time Zone – B36

SMS Sending	0000,B36,*GPRS minute*

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SMS Reply	IMEI,B36,OK
Description	When **GPRS minute** is **0**, the time zone is GMT 0 (default). The MS03 can automatically detect users' 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 T355/T355G
Example	
SMS Sending	0000,B36,480
SMS Reply	353358017784062,B36,OK

3.43 Setting the Auto Sleep Function – B37

SMS Sending	0000,B37,X
SMS Reply	IMEI,B37,OK
Description	Whether the tracker enters deep sleep mode automatically when it detects that the voltage of the external power supply is smaller than the preset value (see command B38). X: The parameter value is **0** or **1**. **0**: The auto sleep function will be disabled. **1**: The auto sleep function will be enabled. The default value is **1**.
Applicable Model	T1/T333/T366/T366G
Example	
SMS Sending	0000,B37,1
SMS Reply	353358017784062,B37,OK

3.44 Setting the Auto Sleep Voltage – B38

SMS Sending	0000,B37,X
SMS Reply	IMEI,B37,OK
Description	X: The parameter value ranges from 0 to 2400. When the parameter value is **0**, use the formula (voltage = X/10 V) to calculate the voltage. If you want to read the parameters, send **B38**.
Applicable Model	T1/T333/T366/T366G
Example	
SMS Sending	0000,B38,1180
SMS Reply	353358017784062,B38,OK

3.45 Setting the Roaming Table Switching Function – B43

SMS Sending	0000,B43,X
SMS Reply	IMEI,B43,OK
Description	X: The parameter value is **0** or **1**. **0**: The roaming table switching function will be disabled.

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	1: The roaming table switching function will be enabled. The default value is **0**. If you want to read the parameters, send **B43**.
Applicable Model	T366/T366G
Example	
SMS Sending	0000,B43,1
SMS Reply	353358017784062,B43,OK

3.46 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, it means that the vehicle is moving. When the device detects that the ACC is off, it means that 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 is connected to engine detection by default. The ACC detection ports of vehicle trackers are as follows:

Tracker Model	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
T366/T366G	Input 2
T622G	Input 2
T388G	Input 3
T688	Input 3

Applicable Model	Excluding T322X/MT90/MT90G/P99G/TC68S/T355/T355G/P66
Example	
SMS Sending	0000,B60,1
SMS Reply	353358017784062,B60,OK

3.47 Setting the Fuel Filtering Function – B72

SMS Sending	0000,B72,X
SMS Reply	IMEI,B72,OK

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Description	Whether to filter the fuel percentage value. If the function is enabled, the too high or too low values generated during a time period will be filtered and an average value will be obtained. If the function is disabled, the last data will be obtained. X: The parameter value is **0** or **1**. **0**: function disabled. **1**: function enabled. The default value is **0**.
Applicable Model	T1/T333
Example	
SMS Sending	0000,B72,1
SMS Reply	353358017784062,B72,OK

3.48 Setting SMS Event Characters – B91

SMS Sending	0000,B91,*SMS event code*,*SMS header*
SMS Reply	IMEI,B91,OK
Description	SMS header: a maximum of 16 bytes For details, see section 1.2 "Event Code and SMS Header."
Applicable Model	Excluding T322X/TC68S
Example	
SMS Sending	0000,B91,1,SOS
SMS Reply	353358017784062,B91,OK

3.49 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 will compare the authorized phone number issued by B99 with the

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	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	All models
Example	
SMS Sending	0000,B99,gprs,get
SMS Reply	353358017784062, B99,1,17,18

3.50 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 will take 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 will take 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/P66/T322X
Example	
SMS Sending	0000,C01,20,12221
SMS Reply	353358017784062,C01,OK

3.51 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

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	uses UDP.
Applicable Model	Excluding T322X/T355/T355G/P66
Example	
SMS Sending	0000,C03,0
SMS Reply	353358017784062,C03,OK

3.52 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 simultaneously. If you want to read I/O port parameters, send **0000,C08**. 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	T366/T366G
Example	
SMS Sending	0000,C08,IO0:5
SMS Reply	353358017784062,C08,IO0:5,IO1:0,IO2:2,IO3:2,IO4:1

3.53 SMS Display (LCD Display) – C11

SMS Sending	0000,C11,*Text*
SMS Reply	IMEI,C11,OK

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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
Example	
SMS Sending	0000,C11,SMS Message
SMS Reply	353358017784062,C11,OK

3.54 Setting the Fuel Theft Alert – C49

SMS Sending	0000,C49,*Fuel theft alert detection time*,*Fuel decrease percentage*
SMS Reply	IMEI,C49,OK
Description	Fuel theft alert detection time = 0: function disabled. Fuel theft alert detection time = [1…255]: function enabled. Unit: minute; default value: 3. Fuel decrease percentage = 0: function disabled. Fuel decrease percentage = [1…100]: function enabled. Default value: 2. By default, when the fuel decrease percentage is 2% within 3 minutes, a fuel theft alert will be generated (for example, **C49,3,2**). Note: The fuel decrease percentage must be over two times larger than the percentage of fuel sensor accuracy. For example, if the fuel sensor accuracy is 10 mm and its height is 500 mm, the recommended fuel decrease percentage is 4% (10/500 x 2).
Applicable Model	MVT600/T1/MVT800/T333/T3/T366/T366G/T622G/T388G/T688
Example	
SMS Sending	0000,C49,3,2
SMS Reply	353358017784062,C49,OK

3.55 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

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3.56 Setting a Serial Port and a Peripheral – C70

SMS Sending	0000,C70,X,Y
SMS Reply	IMEI,C70,OK
Description	X: Select a serial port. The default value is **2**. Y: Select a peripheral; decimal. Y = 0: camera Y = 2: LED display Y = 4: RFID
Applicable Model	T1/T333/T366/T366G
Example	
SMS Sending	0000,C70,2,0
SMS Reply	353358017784062,C70,OK

3.57 Powering Off the Device by Command – C76

SMS Sending	0000,C76
SMS Reply	IMEI,C76,OK
Description	The device will be turned off automatically after receiving the command. Note: When the GSM signal is not good, you may not receive the reply of the command.
Applicable Model	P99G
Example	
SMS Sending	0000,C76
SMS Reply	353358017784062,C76,OK

3.58 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/T1/T333/T366/T366G
Example	
SMS Sending	0000,C77,1
SMS Reply	353358017784062,C69,OK

3.59 Setting the GSM Jamming Detection Function – C85

SMS Sending	0000,C85,X,Y
SMS Reply	IMEI,C85,OK
Description	X: The parameter value is **0** or **1**. **0**: function disabled. **1**: function enabled. The default

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value is **0**.

Y: The parameter value ranges from 0 to 9999. When input 1 is triggered in ACC ON state and GSM jamming lasts Y minutes, an alert will be generated and output 1 will be activated. When the parameter value is **0**, an alert will be generated and output 1 will be activated immediately.

If you want to read the parameters, send **C85**.

Note:

GSM jamming for *Y* mins	ACC ON	ACC OFF
GPS valid & speed ≤ 20 km/h	Output 1 (fuel/power cut-off) will be triggered immediately, and a GSM jamming event will be generated.	Output 1 (fuel/power cut-off) will be triggered immediately, and a GSM jamming event will be generated.
GPS invalid	Output 1 will be triggered for 1 second and then will recover to the inactive state. The action will be cycled every 5 seconds until the tracker detects that the ACC is off for more than 10 consecutive seconds. Then output 1 will be triggered all the time and a GSM jamming event will be generated.	The tracker detects that the ACC is off for more than 10 consecutive seconds. Then output 1 will be triggered all the time and a GSM jamming event will be generated.

If a driver cannot drive due to GSM jamming, he or she can activate output 1 by triggering input 1 for 5 times within 1 minute.

Applicable Model	T1/T333/T366/T366G
Example	
SMS Sending	0000,C85,1,5
SMS Reply	353358017784062,C85,OK

3.60 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/T366/T366G/T622G/T388G/T688
Example	
SMS Sending	0000,D10,00000001

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SMS Reply	353358017784062,D10,OK

3.61 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 RFID cards to be authorized in batches. Decimal. The parameter value ranges from 1 to 128.
Applicable Model	MVT600/T1/T333/T3/T366/T366G/T622G/T388G/T688
Example	
SMS Sending	0000,D11,00000001,128
SMS Reply	353358017784062,D11,OK

3.62 Checking iButton/RFID Authorization – D12

SMS Sending	0000,D12,*iButton ID*
SMS Reply	IMEI,D12,n
Description	iButton ID: The parameter value ranges from 1 to 4294967295. Decimal. n: When **n** is not **0**, the iButton key is authorized. When **n** is **0**, the iButton key is not authorized.
Applicable Model	MVT600/T1/T333/T3/T366/T366G/T622G/T388G/T688
Example	
SMS Sending	0000,D12,13737431
SMS Reply	353358017784062,D12,0

3.63 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 ID 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 the protocol) cannot exceed 140 bytes.
Applicable Model	MVT600/T1/T333/T3/T366/T366G/T622G/T388G/T688
Example	
SMS Sending	0000,D14,00000001
SMS Reply	353358017784062,D14,OK

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

SMS Sending	0000,D15,*RFID card start number*,*n*
SMS Reply	IMEI,D15,OK

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Description	RFID card start number: The parameter value ranges from 1 to 4294967295. Decimal. n: indicates the number of RFID cards to be deleted in batches. Decimal. The parameter value ranges from 1 to 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/T366/T366G/T622G/T388G/T688
Example	
SMS Sending	0000,D15,00000001,128
SMS Reply	353358017784062,D15,OK

3.65 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. The default value is **1**.
Applicable Model	T366/T366G/T622G
Example	
SMS Sending	0000,D34,1
SMS Reply	353358017784062,D34,OK

3.66 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 smaller 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 smaller 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/T366/T366G
Example	
SMS Sending	0000,D71,1,5,225,8,9

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SMS Reply	353358017784062,D71,OK

3.67 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**: output 1. **2**: output 2. Y1: indicates the output time when an event is triggered. Unit: 10 ms. Value range: 0–4294967295. Y2: The parameter value is **0**, **1**, and **2**. ● **0**: Output high level ● **1**: Output low level ● **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
Example	
SMS Sending	0000,D72,1
SMS Reply	353358017784062,D72,OK

3.68 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. The parameter value is a decimal character. Y: Set the storage percentage of GPS logs. The parameter value is a decimal character. 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). The maximum number of GPRS cache records is 16,384 and the maximum number of GPS logs is 131,072.
Applicable Model	T366/T366G/T622G/P99G
Example	
SMS Sending	0000,D73,1
SMS Reply	353358017784062,D73,OK

3.69 Setting the Harsh Acceleration/Braking Alert – D78

SMS Sending	0000,D78,X1,X2,Y1,Y2
SMS Reply	IMEI,D78,OK
Description	X1: indicates the harsh acceleration alert value. Decimal; unit: mG; value range: [90...1000]; default value: 100.

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	X2: indicates the consecutive time of a harsh acceleration alert. Unit: 10 ms; value range: [30...300]; default value: 40. Y1: indicates the harsh braking alert value. Decimal; unit: mG; value range: [-1500...-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/T366/T366G
Example	
SMS Sending	0000,D78,1
SMS Reply	353358017784062,D78,OK

3.70 Setting Harsh Acceleration and Harsh Braking Parameters – D79

SMS Sending	0000,D79,X,Y
SMS Reply	IMEI,D79,OK
Description	X: indicates the harsh acceleration alert value. Decimal; unit: mG; value range: [90…1000]; default value: 150. Y: indicates the harsh braking alert value. Decimal; unit: mG; value range: [-1500…-100]; default value: -180. Harsh acceleration level: ● Level 1: 150 ● Level 2: 170 ● Level 3: 200 ● Level 4: 230 ● Level 5: 250 ● Level 6: 280 ● Level 7: 300 ● Level 8: 320 ● Level 9: 350 ● Level 10: 400 Harsh braking level: ● Level 1: -180 ● Level 2: -200 ● Level 3: -250 ● Level 4: -300 ● Level 5: -350 ● Level 6: -400 ● Level 7: -450 ● Level 8: -500 ● Level 9: -550 ● Level 10: -600 The higher the level is, the lower the alert probability is.

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	Note: When you install the tracker, the direction and angle of the tracker and vehicle should be consistent. And ensure that the tracker is installed firmly.
Applicable Model	T1/T333/T366/T366G
Example	
SMS Sending	0000,D79,150,-180
SMS Reply	353358017784062,D79,OK

3.71 Setting Harsh Cornering Parameters – D80

SMS Sending	0000,D80,X1,X2,X3,X4,Y1,Y2,Y3,Y4
SMS Reply	IMEI,D80,OK
Description	X: indicates the Sharp Left Turn parameter. Y: indicates the Sharp Right Turn parameter. X1 or Y1: indicates the acceleration value while accelerating. Unit: mG; value range: [10…3000]. X2 or Y2: indicates the time while accelerating. Unit: ms; value range: [10…1000]. X3 or Y3: indicates the acceleration value while braking. Unit: mG; value range: [-3000…-10]. X4 or Y4: indicates the time while braking. Unit: ms; value range: [10…1000]. To set Sharp Left Turn and Sharp Right Turn alerts, you only need to set the parameter values of **X3** and **Y3**, and other parameter values remain unchanged (X1 & Y1: 150; X2 & Y2: 80; X4 & Y4: 80). The levels of **X3** and **Y3** parameters are as follows: ● Level 1: -110 ● Level 2: -150 ● Level 3: -200 ● Level 4: -250 ● Level 5: -280 ● Level 6: -310 ● Level 7: -350 ● Level 8: -390 ● Level 9: -450 ● Level 10: -500 The higher the level is, the lower the alert probability is. Note: When you install the tracker, the direction and angle of the tracker and vehicle should be consistent. And ensure that the tracker is installed firmly.
Applicable Model	T1/T333/T366/T366G
Example	
SMS Sending	0000,D80,150,80,-110,80,150,80,-110,80
SMS Reply	353358017784062,D80,OK

3.72 Reading Device's Firmware Version and SN – E91

SMS Sending	0000,E91

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

3.73 Restarting the GSM Module – F01

SMS Sending	0000,F01
SMS Reply	IMEI,F01,OK
Description	Restart the GSM module.
Applicable Model	Excluding T322X/P66
Example	
SMS Sending	0000,F01
SMS Reply	353358017784062,F01,OK

3.74 Restarting the GPS Module – F02

SMS Sending	0000,F02
SMS Reply	IMEI,F02,OK
Description	Restart the GPS module.
Applicable Model	Excluding T322X/P66
Example	
SMS Sending	0000,F02
SMS Reply	353358017784062,F02,OK

3.75 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 models

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Example	
SMS Sending	0000,F08,0,4825000
SMS Reply	353358017784062,F08,OK *Note: In the above command, the run time is 0 and the mileage is 4825 km.*

3.76 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 models
Example	
SMS Sending	0000,F09,1
SMS Reply	353358017784062,F09,OK

3.77 Backing up Device Parameters – F10

SMS Sending	0000,F10,X,*Default user-defined parameters*
Description	X = 0: Obtain default user-defined device parameter names. X = 1: Restore system parameters to default user-defined parameters. X = 2: Set current system parameters of the device to default user-defined parameters. If the command contains the default user-defined parameter name, save it for later query. Otherwise, use the system time as the file name. X = 3: Delete default user-defined device parameters and corresponding parameter names (non-numeric ASCII characters like 00 or FF). Default 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

3.78 Restoring Initial Settings – F11

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

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SMS Reply	353358017784062,F11,OK

3.79 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 decimal digits only.
Applicable Model	All models
Example	
SMS Sending	0000,F20,1234
SMS Reply	353358017784062,F20,OK

3.80 Initializing the Tracker Password – FAB

SMS Sending	8888,FAB
SMS Reply	IMEI,FAB,OK
Description	The command is used to restore the tracker's password to factory settings. The command takes effect only when you send it by using the authorized phone number.
Applicable Model	All models
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.

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