MEITRACK T633G GPRS Protocol

Applicable Model: T633G

Change History

File Name	MEITRACK T633G GPRS Protocol		
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Contents

1 Command Format

1.1 GPRS Command Format

The GPRS command format is as follows:

GPRS command sent from the server to the tracker	@@<Data identifier><Data length>,<IMEI>,<Parameter table No.><Command type>,<Command content><*Checksum>\r\n
GPRS command sent from the tracker to the server	$$<Data identifier><Data length>,<IMEI>,<Event code>,<Command content/Error code><*Checksum>\r\n
Command description	

- **@@**: Indicates the packet header sent from the server to the tracker; contains 2 characters.
- **Data identifier**: Contains 1 byte; hexadecimal; its value ranges from 0x41 to 0x7A. The data identifier in the reply command must be the same as that of the sending command. Otherwise, the command fails.
- A comma (,) is used to separate data characters. The character type is the American Standard Code for Information Interchange (ASCII). (hexadecimal: 0x2C)
- **Data length**: Indicates the length of characters from the first comma (,) to \r\n. Decimal.
  Example: $$<Data   identifier><Data   length>,<IMEI>,<Command   type>,<Command content><*Checksum>\r\n
- **IMEI**: Indicates the tracker's IMEI number.
- **Parameter table No.**: **0** or null: All parameter tables need to be modified; **1**: The basic parameter table needs to be modified; **2**: Roaming parameter table 1 needs to be modified.
- **Command type**: Consists of letters and digits. For detail, see Chapter 3 "Command Details."
- Command content: no more than 1,024 bytes.
- *****: Separates commands from checksums. **Checksum**: hexadecimal; 2 bytes; indicates the sum of all data packets (excluding the checksum and ending mark).
  Example: $$<Data   identifier><Data   length>,<IMEI>,<Command   type>,<Command content><*Checksum>\r\n
- **\r\n**: Contains 2 bytes. The parameter is an ending character. The type is ASCII. (Hexadecimal: 0x0d 0x0a)
- **$$**: Indicates the packet header sent from the tracker to the server; 2 bytes; hexadecimal: 0x24 0x24.

Multiple commands are separated by a comma (,). If commands are null, keep commas (,).

1.2 Tracker Command Format

The data format is as follows:

$$<Data identifier><Data length>,<IMEI>,<Command type>,<Number of remaining cache records><Number of data packets><Data packet 1><Data packet 2>……….<*Checksum>\r\n

Parameter	Description	Example
@@	Indicates the GPRS data packet header sent from the server to the tracker. The header type is ASCII. (Hexadecimal is represented as 0x40.)	0x40 0x40
$$	Indicates the GPRS data packet header sent from the tracker to the server. The header type is ASCII.	0x24 0x24

		(Hexadecimal is represented as 0x24.)	
Data identifier		Contains 1 byte. The type is the ASCII, and its value ranges from 0x41 to 0x7A.	0x5A
Data length		Indicates the length of characters from the first comma 2C to OA. Decimal. Example: $$<Data identifier><Data length>,<IMEI>,<Command type>,<Hexadecimal data packet><*Checksum>\r\n	0x35 0x36 0x33
IMEI		Indicates the tracker's IMEI number. The number type is ASCII. It has 15 digits generally.	0x38 0x36 0x36 0x38 0x35 0x34 0x30 0x33 0x36 0x35 0x31 0x36 0x34 0x35 0x31 ASCII：866854036516451
Command type		Hexadecimal For details, see chapter 2 and chapter 3.	0x43 0x43 0x45 ASCII：CCE
The following data is hexadecimal:			
Number of remaining cache records		0x03 0x00 0x00 0x00 4 bytes; hexadecimal; little-endian	0x03 0x00 0x00 0x00 The quantiy of remaining cache data is 3.
Number of data packets		Indicates the number of data packets that a piece of data includes. 2 bytes; hexadecimal; little-endian	0x03 0x00 There is 3 data packet.
Location data 1 total length: AF 00;　The total length of the current location data is 175 bytes.			
Length of a data packet		2 bytes; hexadecimal; little-endian	0xAF 0x00 The length of a data packet is 175 bytes.
ID number of a data packet		2 bytes; hexadecimal; little-endian	0x33 0x00 There are 51 ID numbers in this data packet.
Number of 1-byte parameter ID		Value: 0x00–0xFF A parameter ID corresponds to a value of 1 byte.	0x18 There are 24 parameter ID numbers. 0x00: no parameter ID
Parameter ID：0x01	Event code	For details, see section "1.3 Event Code" Type：Byte	0x23 Event code 35
Parameter ID：0x05	GPS positioning status	**0x01**: The GPS positioning is valid. **0x00**: The GPS positioning is invalid. Type：Byte	0x01 The GPS positioning is valid.
Parameter ID：0x06	Number of satellites	Indicates the number of received GPS satellites. Type：Byte	0x0B Number of GPS satellites:11
Parameter ID：0x07	GSM signal strength	Value: 0x00–0x31 Type：Byte	0x0B The signal strength is 11.
Parameter	output port status	Status values of eight output ports	0x00

ID：0x14		Bits 0–7 correspond to status of output ports 1–8. Hexadecimal digits need to be converted to binary digits. Type：Byte	Status: output inactive
Parameter ID：0x1B	Geo-fence number	Only available by GPRS event code 20 or 21. Type：Byte	0x00 Indicate no geo-fence number.
ParameterI ID：0x27	Temperature number	Temperature sensor No.(Event 50 & 51) Type：Byte	0x07 Indicates temperature sensor 7.
ParameterI ID: 0x93	Clutch switch	01：pedal pressed 00：pedal released Type：Byte	0x00
ParameterI ID: 0x94	Tachograph performance	01:Performance analysis 00:Normal performance Type：Byte	0x00
ParameterI ID: 0x95	Parking Brake Switch	01:Parking brake set 00:Parking brake not set Type：Byte	0x00
ParameterI ID: 0x96	Cruise control	01:switched on 00:switched off Type：Byte	0x00
ParameterI ID: 0x97	Accelerator pedal position(%)	Single-byte hexadecimal data Type：Byte	0x14 Accelerator pedal:20%
ParameterI ID: 0x9D	CANBus Fuel level(%)	Single-byte hexadecimal data Type：Byte	0x23
ParameterI ID: 0x9E	Actual engine torque(%)	Single-byte hexadecimal data Type：SIN8	0x12
ParameterI ID: 0xA1	Load at current speed(%)	Single-byte hexadecimal data Type：Byte	0x12
Number of 2-byte parameter ID		Value: 0x00–0xFF A parameter ID corresponds to a value of 2 bytes.	0x10 There are 16 parameter ID numbers.
Parameter ID：0x08	Speed	Unit: km/h; little-endian Type：WORD	0x00 0x00 The speed is 0 km/h.
Parameter ID：0x09	Driving direction	The unit is degree. When the value is **0**, the direction is north. Value: 0–359; little-endian	0x12 0x01 The driving direction is 274 degrees.

		Type：WORD	
Parameter ID：0x0A	Horizontal dilution of precision (HDOP)	Value: 5–999; unit: 1/10; little-endian Type：WORD	0x07 0x00 The HDOP is 7.
Parameter ID：0x0B	Altitude	Unit: meter; little-endian Type：SINT16	0x1C 0x00 The altitude is 28.
Parameter ID：0x16	AD1	Battery analog <AD1>; little-endian Voltage formula (AD1): AD1/100 Type：WORD	0xA7 0x01 Convert the digits to decimal digits. 423/100=4.23 The voltage is 4.23V.
ParameterI ID：0x17	AD2	Battery analog <AD2>; little-endian Voltage formula (AD2): AD1/100 Type：WORD	0x00 0x00
ParameterI ID：0x18	AD3	Battery analog <AD3>; little-endian Voltage formula (AD3): AD1/100 Type：WORD	0x00 0x00
Parameter ID：0x19	AD4	Battery analog <AD4>; little-endian Voltage formula of battery analog (AD4): AD4/100 Formula of battery percentage: (AD4/100 - 3.4)/0.8 x 100% Type：WORD	0x9A 0x01 Convert the digits to decimal digits. 410/100=4.10 The voltage is 4.10V.
Parameter ID：0x1A	AD5	External power analog <AD5>; little-endian Voltage formula of external power supply (AD5): AD5/100 Type：WORD	0x04 0x05 Convert the digits to decimal digits. 1284/100=12.84 The voltage is 12.84 V.
ParameterI ID：0x29	Fuel level(%)	little-endian Type：WORD	0x7A 0x0D Convert the digits to decimal digits：3450 Fuel level :34.50%
ParameterI ID：0x41	AD6	External power analog <AD6>; little-endian Voltage formula of external power supply (AD6): AD6/100 Type：WORD	0x00 0x00
ParameterI ID：0X43	SD card status	1st byte: 01 = SD card 02 = Flash 2nd byte: 00 = normal 01 = can't detect 02 = initialization error 03 = r/w error Type：WORD	

Parameter ID			
ParameterI ID：0x91	Vehicle speed (from tachograph)(KM/H)	Double-byte hexadecimal data little-endian Type：WORD	0x15 0x00 Convert the digits to decimal digits：21 Vehicle speed :21 KM/H
ParameterI ID：0x92	Vehicle speed (wheel based)(KM/H)	Double-byte hexadecimal data little-endian Type：WORD	0x15 0x00 Convert the digits to decimal digits：21 Vehicle speed :21 KM/H
ParameterI ID：0x99	Engine speed(rpm)	Double-byte hexadecimal data little-endian Type：WORD	0x12 0x04 Convert the digits to decimal digits：1042 Engine speed:1042 rpm
ParameterI ID：0x9C	Engine coolant temperature(deg C)	Double-byte hexadecimal data little-endian Type：SINTT16	0x32 0x00 Convert the digits to decimal digits：50 Engine coolant temperature :50 ℃
ParameterI ID：0x9F	Ambient Air Temperature(deg C)	Double-byte hexadecimal data little-endian Type：SINT16	0x28 0x00 Convert the digits to decimal digits：40 Ambient Air Temperature :40 ℃
ParameterI ID：0xFE25	A84 input status	Bit0~Bit11 refers to A84 box's IN1~IN12 0 = active 1 = inactive Type：WORD	
ParameterI ID：0xFE26	A84 AD1	Type：WORD	
ParameterI ID：0xFE27	A84 AD2	Type：WORD	
ParameterI ID：0xFE28	A84 AD3	Type：WORD	
ParameterI ID：0xFE29	A84 AD4	Type：WORD	
ParameterI ID：0xFE2C	Continental tire pressure sensor alarm	1st byte: Tire ID 2nd byte: 01 = Leak 02 = Low battery 04 = Low pressure 08 = High pressure Type：WORD	
Number of 4-byte parameter ID		Value: 0x00–0xFF	0x07

		A parameter ID corresponds to a value of 4 bytes.	There are 7 parameter ID numbers. 0x00: no parameter ID
Parameter ID：0x02	Latitude	Unit: millionth of a degree; little-endian Type：SINT32	0xC3 0x87 0x57 0x01 Convert the digits to decimal digits. The latitude is 22.513603degrees.
Parameter ID：0x03	Longitude	Unit: millionth of a degree; little-endian Type：SINT32	0xCD 0x5F 0xCC 0x06 Convert the digits to decimal digits. The longitude is 114.057165 degrees.
Parameter ID：0x04	Date and time	4 bytes; little-endian; unit: second Start point: 1 January, 2000, 00:00:00 am. Type：DWORD	0x7F 0xC7 0x61 0x22 The value is 576833407 seconds.
Parameter ID：0x0C	Mileage	Indicates the total mileage. Unit: meter; little-endian Type：DWORD	0x01 0x00 0x00 0x00 The total mileage is 1 meters.
Parameter ID：0x0D	Run time	Indicates the total time. Unit: second; little-endian Type：DWORD	0x72 0x0F 0x00 0x00 The run time is 3954 seconds.
Parameter ID：0x1C	System flag	Bit8: FMS state 0 = Not connected FMS 1 = connected FMS Bit9: Whether support FMS function 0 = not supported FMS 1 = supported FMS Type：DWORD	0x00 0x00 0x03 0x00 Binary: 0000 0000 0000 0000 0000 0011 0000 0000
ParameterI ID：0x42	Input Status	Bit0 ~ Bit31 Corresponding to the state of input 1 to input 31 0 = inactivating 1 = activating Type：DWORD	0x00 0x00 0x00 0x04 binary :0000 0000 0000 0000 0000 0000 0000 0100 input 3 is active
ParameterI ID：0x98	Total fuel used(L)	little-endian Type：DWORD	0x01 0x02 0x00 0x00 Convert the digits to decimal digits:513 Total fuel used(L):513 L
ParameterI ID：0x9A	Total engine hours(h)	After converting to decimal, divide by 10 to get the true value. little-endian Type：DWORD	0x12 0x34 0x00 0x01 Convert the digits to decimal digits:16790546 Total engine hours(h):1679054.6 h

ParameterI ID：0x9B	High resolution vehicle distance(m)	little-endian Type：DWORD	0x11 0x22 0x00 0x00 Convert the digits to decimal digits:8712 High resolution vehicle distance(m):8712 m
ParameterI ID：0xA0	High Resolution Engine Total Fuel Used(L)	After converting to decimal, divide by 1000 to get the true value. little-endian Type：DWORD	0x12 0x00 0x01 0x00 Convert the digits to decimal digits:65554 High Resolution Engine Total Fuel Used(L):65.554 L
ParameterI ID：0xA2	Engine Fuel Rate(L/H)	After converting to decimal, divide by 100 to get the true value. little-endian Type：DWORD	0x12 0x00 0x02 0x00 Convert the digits to decimal digits:131090 Engine Fuel Rate(L/H):1310.90 L/H
ParameterI ID：0xA3	Axle weight(kg)	After converting to decimal, divide by 10 to get the true value. little-endian Type：DWORD	0x12 0x34 0x00 0x00 Convert the digits to decimal digits:13330 Axle weight(kg):1333.0 kg
ParameterI ID：0xA4	Service distance(km)	little-endian Type：SINT32	0x22 0x30 0x00 0x00 Convert the digits to decimal digits:12322 Service distance(km):12322 km
ParameterI ID：0xA5	Instantaneous Fuel Economy	After converting to decimal, divide by 1000 to get the true value. little-endian Type：DWORD	0x12 0x56 0x00 0x00 Convert the digits to decimal digits:22034 Instantaneous Fuel Economy :22.034 KM/H
Number of *n*-byte parameter ID		Value: 0x00–0xFF The following data is not in a fixed order, please view the type according to the parameter ID.	0x04 There are 4 parameter ID numbers. 0x00: no parameter ID
Parameter ID：0x0E	base station information	Data length：0x0C Type：STRUCT	0xCC 0x01 0x01 0x00 0x2F 0x25 0xF9 0x3B 0x00 0x00 0x00 0x00 MCC:0x01CC:460， MNC:0x0001:1， LAC:0x252F CELL_ID:0x00003BF9， RX_LEVEL:0
ParameterI ID：0X44	Photo name	32 Type：STRUCT	

ParameterI ID：0xFE2A	A84 input alarm	5 1st byte: 01~12 refers to the activation of A84 box's IN1~IN12 17~28 refers to the inactivation of A84 box's IN1~IN12 2nd~5th byte: Duration of input activation Type：STRUCT	
ParameterI ID：0xFE2B	Forward/Reverse sensor status	11 1st byte: 00 = stop 01 = forward status 02 = reverse status 2nd~5th byte: forward count 6th~10th byte: reverse count 11th byte: RPM Type：STRUCT	
ParameterI ID：0xFE2D	A89 Fatigue monitor alarm	34 1st byte: A89 Fatigue monitor version 2st byte: Alarm type 01: Mild fatigue 02: Moderate fatigue 03: Severe fatigue 04: Distraction alert 05: Absence alert 06: On Phone Call alert 07: Smoking alert 08: Yawning alert 3th~34 byte: Photo name Type：STRUCT	
Location data 2 total length: AF 00; The total length of the current location data is 175 bytes.			
Location data 3 total length: AF 00; The total length of the current location data is 175 bytes.			
*		Separates commands from checksums. 1 byte and ASCII (Hexadecimal is represented as 0x2A)	0x2A
Checksum		2 bytes. The parameter indicates the sum of all data (excluding the checksum and ending mark). It	0x30 0x36 ASCII:06

	is a hexadecimal character. Example: _$$<Data identifier><Data length>,<IMEI>,<Command type>,<Hexadecimal data packet><*Checksum>\r\n_	
\r\n	2 bytes. The parameter is an ending character. The type is ASCII. (Hexadecimal value: 0x0d 0x0a)	0x0D 0x0A

1.3 Event Code

Event Code	Event	Default SMS Header (At Most 16 Bytes)
1	SOS Pressed	SOS
2	Input 2 Active	Door Open
3	Input 3 Active	Ignition On
4	Input 4 Active	In4 Active
5	Input 5 Active	In5 Active
6	Input 6 Active	In6 Active
7	Input 7 Active	In7 Active
8	Input 8 Active	In8 Active
9	Input 1 Inactive	In1 Inactive
10	Input 2 Inactive	Door Close
11	Input 3 Inactive	Ignition Off
12	Input 4 Inactive	In4 Inactive
13	Input 5 Inactive	In5 Inactive
14	Input 6 Inactive	In6 Inactive
15	Input 7 Inactive	In7 Inactive
16	Input 8 Inactive	In8 Inactive
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
23	External Battery Cut	Ext-Battery Cut
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
35	Track By Time Interval	Interval
36	Tow	Tow
37	Swipe Card	
41	Stop Moving	Stop moving
42	Start Moving	Start Moving
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
70	Reject Incoming Call	/
72	Auto Answer Incoming Call	/
82	Refuelling	Refuelling
83	Ult-Sensor Drop	Ult-Sensor Drop
118	Input 9 Active	In9 Active
119	Input 9 Inactive	In9 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

2 Command List

Command	Command Description
A10	Real-Time Location Query (GPRS)
A11	Setting a Heartbeat Packet Reporting Interval (GPRS)
A12	Tracking by Time Interval (GPRS)
A13	Setting the Cornering Report (GPRS)
A14	Tracking by Distance
A15	Setting the Parking Scheduled Tracking Function (GPRS)
A16	Enabling the Parking Scheduled Tracking Function (GPRS)
A17	Controlling Output 1 Status by RFID/iButton
A21	Setting GPRS Parameters
A22	Setting the DNS Server IP Address
A23	Setting the Standby GPRS Server
A70	Reading All Authorized Phone Numbers
A71	Setting Authorized Phone Numbers

A72	Setting Listen-in Phone Numbers
A73	Setting the Smart Sleep Mode
B05	Setting a Geo-Fence
B06	Deleting a Geo-Fence
B07	Setting the Speeding Alert
B08	Setting the Towing Alert
B09	Setting the Sensitivity Level of the 3D Vibration Sensor
B11	Set up polygonal Geo-fence
B14	Setting the Idling Alert
B15	Set Fatigue Driving Parameters
B16	Setting the Consecutive Speeding Alert Time
B30	Set the interval for taking photos
B31	Turning off the LED Indicator
B34	Setting a Log Interval
B35	Setting the SMS Time Zone
B36	Setting the GPRS Time Zone
B60	Determining Vehicle Status by ACC Status
B91	Setting SMS Event Characters
B99	Setting Event Authorization
C01	Output Control
C02	Notifying the Tracker of Sending an SMS
C03	Setting a GPRS Event Transmission Mode
C40	Registering a Temperature Sensor Number
C41	Deleting a Registered Temperature Sensor
C42	Reading the Temperature Sensor SN and Number
C43	Setting a Temperature Value for the High/Low Temperature Alert and Logical Name
C44	Reading Temperature Sensor Parameters
C46	Checking Temperature Sensor Parameters
C47	Setting Fuel Parameters
C48	Reading Fuel Parameters
C49	Setting the Fuel Theft Alert
C50	Setting the Driving License Type
C51	Setting Buzzer's Buzzing Sound Time
C52	Setting the Valid Time after Swiping Cards
C70	Serial port peripheral selection
C76	Close device
C77	Enable and mask power off function
CFF	Deleting an Event in the Buffer
D00	Obtaining a Picture
D01	Obtaining the Picture List
D02	Deleting a Picture

D03	Taking Photos on Demand
D10	Authorizing an RFID Card/iButton Key
D11	Authorizing RFID Cards/iButton Keys in Batches
D12	Checking RFID/iButton Authorization
D13	Reading an Authorized RFID/iButton
D14	Deleting an Authorized RFID Card/iButton
D15	Deleting Authorized RFID Cards/iButton Keys in Batches
D16	Checking the Checksum of the Authorized RFID/iButton Database
D79	Setting the Harsh Acceleration/Braking Alert
E91	Reading Device's Firmware Version and SN
F01	Restarting the GSM Module
F02	Restarting the GPS Module
F08	Setting the Mileage and Run Time
F09	Deleting SMS/GPRS Cache Data
F11	Restoring Initial Settings

3 Command Details

3.1 Real-Time Location Query (GPRS) – A10

GPRS Sending	A10
GPRS Reply	AAA,34,(-)*Latitude*,(-)*Longitude,Date and time,Positioning status,Number of satellites,GSM signal strength,Speed,Direction,HDOP,Altitude,Mileage,Run time,Base station info,I/O port status,Analog input value*
Description	**34**: indicates the GPRS command event code.
Applicable Model	T633G
Example	
GPRS Sending	@@Q25,353358017784062,A10*6A\r\n
GPRS Reply	$$Q128,353358017784062,AAA,34,22.543176,114.078448,100313093738,A,5,22,2,205,5,-14,0,60,0|0|10133|4110,0000,149|153|173|2707|914,*91\r\n

3.2 Setting a Heartbeat Packet Reporting Interval (GPRS) – A11

GPRS Sending	A11,*Interval*
GPRS Reply	A11,OK
Description	The heartbeat packet function is used to keep the Transmission Control Protocol (TCP) connection open when the interval of scheduled GPRS reporting is long. Interval = 0: function disabled (default). Interval = [1…65535]: function enabled. Unit: minute. 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	T633G
Example	
GPRS Sending	@@S28,353358017784062,A11,10*FD\r\n
GPRS Reply	$$S28,353358017784062,A11,OK*FE\r\n
	After the above command is run successfully, the tracker will send the following GPRS heartbeat packet to the platform every 10 minutes in sleep mode:
	$$a131,353358017784062,AAA,31,22.913458,114.083183,080229123628,V,9,23,21,83, 1,18,1350,127,0|0|10133|4110,0000,169|181|184|2714|919,*60

3.3 Tracking by Time Interval (GPRS) – A12

GPRS Sending	A12,*Interval*
GPRS Reply	A12,OK
Description	Unit: x10 seconds
	Interval = 0: function disabled.
	The maximum time interval is 65535 x 10 seconds.
	6 x 10 seconds are recommended.
Applicable Model	T633G
Example	
GPRS Sending	@@V27,353358017784062,A12,6*D5\r\n
GPRS Reply	$$V28,353358017784062,A12,OK*02\r\n
	After the above command is run successfully, the tracker will send the following GPRS data packet to the platform every 1 minute:
	$$W129,353358017784062,AAA,35,22.540113,114.076141,100313094354,A,5,22,1,17 4,4,129,0,435,0|0|10133|4110,0000,166|224|193|2704|916,*BE\r\n

3.4 Setting the Cornering Report (GPRS) – A13

GPRS Sending	A13,*Angle*
GPRS Reply	A13,OK
Description	When the driving angle exceeds the preset value, the tracker will send a GPRS data packet with location information to the server, which ensures a smoother route on the platform.
	Angle = 0: function disabled (default).
	Angle = [1…359]: function enabled. Recommended value: **30**.
Applicable Model	T633G
Example	
GPRS Sending	@@X29,353358017784062,A13,120*37\r\n
GPRS Reply	$$X28,353358017784062,A13,OK*05\r\n
	After the above command is run successfully, if the cornering angle is greater than 120 degree, the tracker will send the following GPRS data pakcet to the server:
	$$Y129,353358017784062,AAA,32,22.540968,114.077455,100313094534,A,4,22,1,166, 3,175,0,534,0|0|10133|4110,0000,141|138|159|2691|904,*D9\r\n

3.5 Tracking by Distance – A14

GPRS Sending	A14,*Distance*
GPRS Reply	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. **300** is recommended.
Applicable Model	T633G
Example	
GPRS Sending	@@D30,353358017784062,A14,1000*4A\r\n
GPRS Reply	$$D28,353358017784062,A14,OK*F2\r\n *After the above command is run successfully, if the driving distance reaches 1000m, the tracker will send a data packet to the server.* *$$D131,353358017784062,AAA,33,22.547271,114.047405,080310080929,A,8,21,13,89 ,1,12,8525,561,0|0|10133|4110,0000,163|185|186|2712|939,*31\r\n*

3.6 Setting the Parking Scheduled Tracking Function (GPRS) – A15

GPRS Sending	A15,*Interval*
GPRS Reply	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 3.7 "Enabling the Parking Scheduled Tracking Function (GPRS) – A16." Interval unit: x10 seconds Interval = 0: function disabled. The maximum interval is 65535 x 10 seconds. Note: If data needs to be sent at the specified interval after the vehicle starts or stops, the function needs to work with the A12 function.
Applicable Model	T633G
Example	
GPRS Sending	@@E27,353358017784062,A15,6*C7\r\n
GPRS Reply	$$E28,353358017784062,A15,OK*F4\r\n

3.7 Enabling the Parking Scheduled Tracking Function (GPRS) – A16

GPRS Sending	A16,*Status*
GPRS Reply	A16,OK
Description	**The function is available for vehicle trackers only. The first positive input port (high level) of a vehicle tracker must connect to engine detection. Otherwise, the function is unavailable.** When the activation status is **1**, the parking scheduled tracking function is enabled; when the activation status is **0**, the function is disabled. 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
Applicable Model	T633G
Example	
GPRS Sending	@@F27,353358017784062,A16,0*C3\r\n
GPRS Reply	$$F28,353358017784062,A16,OK*F6\r\n

3.8 Controlling Output 1 Status by RFID/iButton – A17

GPRS Sending	A17,X
GPRS Reply	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. For details about how to authorize a RFID, see commands D10–D15.
Applicable Model	T633G
Example	
GPRS Sending	@@T27,353358017784062,A17,1*D3\r\n
GPRS Reply	$$T28,353358017784062,A17,OK*05\r\n

3.9 Setting GPRS Parameters – A21

GPRS Sending	A21,*Connection mode,IP address,Port,APN,APN user name,APN password*
GPRS Reply	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	T633G
Example	
GPRS Sending	@@H48,353358017784062,A21,1,67.203.13.26,8800,,,*C9
GPRS Reply	$$H28,353358017784062,A21,OK*F4\r\n

3.10 Setting the DNS Server IP Address – A22

GPRS Sending	A22,*DNS server IP address*
GPRS Reply	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	T633G
Example	
GPRS Sending	@@K38,353358017784062,A22,75.127.67.90*FD\r\n
GPRS Reply	$$K28,353358017784062,A22,OK*F8\r\n

3.11 Setting the Standby GPRS Server – A23

GPRS Sending	A23,*IP address,Port*
GPRS Reply	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	T633G
Example	
GPRS Sending	@@S43,353358017784062,A23,67.203.13.26,8800*F0
GPRS Reply	$$S28,353358017784062,A23,OK*01\r\n

3.12 Reading All Authorized Phone Numbers – A70

GPRS Sending	A70
GPRS Reply	A70,*SOS phone number 1,SOS phone number 2,SOS phone number 3,Listen-in phone number 1,Listen-in phone number 2*
Description	Read all authorized phone numbers.
Applicable Model	T633G

Example	
GPRS Sending	@@T25, 353358017784062,A70*93\r\n
GPRS Reply	$$T85,353358017784062,A70,13811111111,13822222222,13833333333,13844444444, 13855555555*21\r\n

3.13 Setting Authorized Phone Numbers – A71

GPRS Sending	A71,*Phone number 1,Phone number 2,Phone number 3*
GPRS Reply	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: SOS phone number. When you call the tracker by using the phone number, 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.
Applicable Model	T633G
Example	
GPRS Sending	@@U61,353358017784062,A71,13811111111,13822222222,13833333333*7D\r\n
GPRS Reply	$$U28,353358017784062,A71,OK*06\r\n

3.14 Setting Listen-in Phone Numbers – A72

GPRS Sending	A72,*Listen-in phone number 1,Listen-in phone number 2*
GPRS Reply	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.
Applicable Model	T633G
Example	
GPRS Sending	@@V49,353358017784062,A72,13844444444,13855555555*55\r\n
GPRS Reply	$$V28,353358017784062,A72,OK*08\r\n

3.15 Setting the Smart Sleep Mode – A73

GPRS Sending	A73,*Sleep level*
GPRS Reply	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.).
Applicable Model	T633G
Example	
GPRS Sending	@@W27,353358017784062,A73,2*D9\r\n
GPRS Reply	$$W28,353358017784062,A73,OK*0A\r\n

3.16 Setting a Geo-Fence – B05

GPRS Sending	B05,*Geo-fence number,Latitude,Longitude,Radius,IN Geo-fence alert,OUT Geo-fence alert*
GPRS Reply	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	T633G
Example	
GPRS Sending	@@H57,353358017784062,B05,1,22.913191,114.079882,1000,0,1*96\r\n
GPRS Reply	$$H28,353358017784062,B05,OK*F7\r\n

When the tracker exits the geo-fence (latitude: 22.913191; longitude: 114.079882; radiu: 1000m), it will send the following GPRS data packet to the server:

$$J132,353358017784062,AAA,21,22.918046,114.089726,080229123812,A,10,22,12,32, 1,21,6667,847,0|0|10133|4110,0000,124|181|183|2714|922,*5A\r\n

3.17 Deleting a Geo-Fence – B06

GPRS Sending	B06,*Geo-fence number*
GPRS Reply	B06,OK
Description	Geo-fence number: 1–8. Only one geo-fence can be deleted each time by SMS or GPRS command.
Applicable Model	T633G
Example	
GPRS Sending	@@J27,353358017784062,B06,1*C8\r\n
GPRS Reply	$$J28,353358017784062,B06,OK*FA\r\n *After the above command is run successfully, the first geo-fence will be deleted.*

3.18 Setting the Speeding Alert – B07

GPRS Sending	B07,*Driving speed*
GPRS Reply	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	T633G
Example	
GPRS Sending	@@P28,353358017784062,B07,60*05\r\n
GPRS Reply	$$P28,353358017784062,B07,OK*01\r\n *When the tracker driving speed reaches 60 km/h, it will send the following information to the server:* *$$k134,353358017784062,AAA,19,22.916675,114.088813,080229123718,A,10,22,61,31 ,1,21,* *6635,395,460|0|10133|4110,0000,164|185|181|2712|915,*F7\r\n*

3.19 Setting the Towing Alert – B08

GPRS Sending	B08,*Vibration duration*
GPRS Reply	B08,OK
Description	When the tracker'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, use the A73 command to set the smart sleep level to **2** and use the B08 command to set the consecutive vibration duration. Otherwise, the towing alert

	function is unavailable. Vibration duration = 0: function disabled (default). Vibration duration = [1…255]: function enabled. Unit: second.
Applicable Model	T633G
Example	
GPRS Sending	@@I27,353358017784062,B08,3*CB\r\n
GPRS Reply	$$I28,353358017784062,B08,OK*FB\r\n *When the tracker vibrates for more than three consecutive seconds, it will send the following information to the server:* *$$K133,353358017784062,AAA,36,22.916675,114.088813,080229123718,A,10,22,61,31,1,21,6635,395,460|0|1013|4110,0000,164|185|181|2712|915,*A2*

3.20 Setting the Sensitivity Level of the 3D Vibration Sensor – B09

GPRS Sending	B09,*Sensitivity level*
GPRS Reply	B09,OK
Description	Sensitivity level = [1…65535]: The smaller the value is, the more sensitive the 3D vibration sensor is. The default value is 1.
Example	
GPRS Sending	@@I27,353358017784062,B09,3*CC\r\n
GPRS Reply	$$I28,353358017784062,B09,OK*FC\r\n

3.21 Set up polygonal Geo-fence– B11

GPRS Sending	B11, Pen number,latitude 1,longitude 1,latitude 2,longitude 2...Latitude N,longitude N, incoming alarm,outgoing alarm
GPRS Reply	B11,OK
Description	01 Geo-fence number: 1 - 8. 02 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. 03 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. 04 IN Geo-fence alert = 0: function disabled; IN Geo-fence alert = 1: function enabled. 05 OUT Geo-fence alert = 0: function disabled; OUT Geo-fence alert = 1: function enabled. 06 If the parameter has only the fence number, the corresponding fence is deleted 07 If the circular fence is set, it will issue: B11, fence number, latitude, longitude and radius (meters), enter and exit the alarm

3.22 Setting the Idling Alert – B14

GPRS Sending	B14,*Consecutive speed time (s),Speed (km/h),Alert time (s)*
GPRS Reply	B14,OK
Description	Consecutive speed time: The parameter value ranges from 0 to 60000. The default value is **180**. Unit: second.
	Speed: The parameter value ranges from 0 to 200. The default value is **5**. Unit: km/h.
	Alert time: The parameter value ranges from 0 to 60000. The default value is **120**. Unit: second.
	If you want to read idling alert parameters, send **B14**.
Applicable Model	T633G
Example	
GPRS Sending	@@I27,353358017784062,B14,180,5,120*AE\r\n
GPRS Reply	$$I28,353358017784062,B14,OK*F8\r\n

3.23 Set Fatigue Driving Parameters – B15

GPRS Sending	B15,*Consecutive driving time (min),Alert time (s),ACC off time (min)*
GPRS Reply	B15,OK
Description	Consecutive driving time: The parameter value ranges from 0 to 1000. The default value is **240**. Unit: minute.
	Alert time: The parameter value ranges from 0 to 60000. The default value is **300**. Unit: second.
	ACC off time: The parameter value ranges from 0 to 1000. The default value is **20**. Unit: minute.
	If you want to read fatigue driving parameters, send **B15**.
Applicable Model	T633G
Example	
GPRS Sending	@@I27,353358017784062,B15,240,300,20*79\r\n
GPRS Reply	$$I28,353358017784062,B15,OK*F9\r\n

3.24 Setting the Consecutive Speeding Alert Time – B16

GPRS Sending	B16,*Consecutive speeding alert time,Time for recovering normal speed*
GPRS Reply	B16,OK
Description	Consecutive speeding alert time: The parameter value ranges from 1 to 30000. The default value is **15**. Unit: second.
	Time for recovering normal speed: The parameter value ranges from 1 to 30000. The default value is **15**. Unit: second.
	If you want to read the command parameters, send **B16**.
	When the driving speed exceeds the speeding alert threshold and the consecutive speeding time is greater than the preset value, a speeding alert will be generated.
	When the driving speed is lower than the speeding alert threshold and the consecutive

	time is greater than the preset value, a normal speed recovery event is generated.
Applicable Model	T633G
Example	
GPRS Sending	@@I27,353358017784062,B15,240,300,20*79\r\n
GPRS Reply	$$I28,353358017784062,B15,OK*F9\r\n

3.25 Set the interval for taking photos– B30

GPRS Sending	B30,T
GPRS Reply	B30,OK
Description	01： T values range from 0 to 65535 minutes， 0:No timed photo taking 02 : No parameters are read parameters
Applicable Model	T633G
Example	
GPRS Sending	@@C27,353358017784062,B30,1*BE\r\n
GPRS Reply	$$C28,353358017784062,B30,OK*F0\r\n

3.26 Turning off the LED Indicator – B31

GPRS Sending	B31,A
GPRS Reply	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	T633G
Example	
GPRS Sending	@@J28,353358017784062,B31,10*F7\r\n
GPRS Reply	$$J28,353358017784062,B31,OK*F8\r\n

3.27 Setting a Log Interval – B34

GPRS Sending	B34,*Log interval*
GPRS Reply	B34,OK
Description	Set the interval for recording data to device's memory when the GPS signal is valid. Recorded logs can only be read by GPSLog or Meitrack Manager software. Log interval = 0: function disabled (default). Log interval = [1…65535]: function enabled. Unit: second.
Applicable Model	T633G
Example	
GPRS Sending	@@N28,353358017784062,B34,60*03\r\n
GPRS Reply	$$N28,353358017784062,B34,OK*FF\r\n

3.28 Setting the SMS Time Zone – B35

GPRS Sending	B35,*SMS minute*
GPRS 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 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 -32768 to 32767, set time zones.
Applicable Model	T633G
Example	
GPRS Sending	@@O29,353358017784062,B35,480*3C\r\n
GPRS Reply	$$O28,353358017784062,B35,OK*01\r\n *After the above command is run successfully, the tracker SMS time zone is changed to UTC+08:00 (China time zone).*

3.29 Setting the GPRS Time Zone – B36

GPRS Sending	B36,*GPRS minute*
GPRS Reply	B36,OK
Description	When **GPRS minute** is **0**, the time zone is **GMT 0** (default). The MS02 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 -32768 to 32767, set time zones.
Applicable Model	T633G
Example	
GPRS Sending	@@P29,353358017784062,B36,480*3E\r\n
GPRS Reply	$$P28,353358017784062,B36,OK*03\r\n *After the above command is run successfully, the GPRS time zone is changed to UTC+08:00 (China time zone).*

3.30 Determining Vehicle Status by ACC Status – B60

GPRS Sending	B60,X
GPRS Reply	B60,OK
Description	X = 0: function disabled (default). X = 1: function enabled. When the device detects that the ACC is off, device's longitude and latitude will not be updated, so as to avoid static drift. The first positive input of the tracker connects to engine detection by default.
Applicable Model	T633G
Example	
GPRS Sending	@@U27,353358017784062,B60,1*D3\r\n

GPRS Reply	$$U28,353358017784062,B60,OK*05\r\n

3.31 Setting SMS Event Characters – B91

GPRS Sending	B91,*SMS event code,SMS header*
GPRS Reply	B91,OK
Description	Header: a maximum of 16 bytes
Applicable Model	T633G
Example	
GPRS Sending	@@R31,353358017784062,B91,1,SOS*F0\r\n
GPRS Reply	$$R28,353358017784062,B91,OK*06\r\n
	After you press the SOS button (input 1), the tracker will send an SMS alert whose header is SOS to a preset authorized phone number.

3.32 Setting Event Authorization – B99

GPRS Sending	B99,<SMS>/<0>,*<Phone number location>/<Authorized phone number>,<Operation code>*, [*Event code 1*]……[*Event code n*]
	B99,<CALL>/<1>,*<Phone number location>/<Authorized phone number>,<Operation code>*, [*Event code 1*]……[*Event code n*]
	B99,<GPRS>/<2>,*<Operation code>*, [*Event code 1*]……[*Event code n*]
	0000,B99,<CAMERA>/<3>,*<Operation code>*, [*Event code 1*]……[*Event code n*]
	B99,<BUZZER>/<4>,*<Operation code>*, [*Event code 1*]……[*Event code n*]
	B99,<OUT1>/<5>,*<Operation code>*, [*Event code 1*]……[*Event code n*]
	B99,<OUT2>/<6>,*<Operation code>*, [*Event code 1*]……[*Event code n*].
GPRS Reply	B99,<SMS>/<0>,*<Phone number location>,<Authorized phone number>*, [*Event code 1*]……[*Event code n*]
	B99,<CALL>/<1>,*<Phone number location>,<Authorized phone number>*, [*Event code 1*]……[*Event code n*]
	B99,<GPRS>/<2>,[*Event code 1*]……[*Event code n*]
	B99,<CAMERA>/<3>,[*Event code 1*]……[*Event code n*]
	B99,<BUZZER>/<4>,[*Event code 1*]……[*Event code n*]
	B99,<OUT1>/<5>,*<Operation code>*, [*Event code 1*]……[*Event code n*]
	B99,<OUT2>/<6>,*<Operation code>*, [*Event code 1*]……[*Event code n*]
Description	Fields SMS, CALL, CAMERA, GPRS, BUZZER, OUT1, and OUT2 can be presented by 0–6 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	T633G
Example	
GPRS Sending	@@B34,863070010825791,B99,gprs,get*BC\r\n
GPRS Reply	$$B33,863070010825791,B99,1,17,18*B5\r\n

3.33 Controlling Output Status – C01

GPRS Sending	C01,*Speed*,ABCDE
GPRS Reply	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	T633G
Example	
GPRS Sending	@@M34,353358017784062,C01,20,10122*18\r\n
GPRS Reply	$$M28,353358017784062,C01,OK*F9\r\n

3.34 Notifying the Tracker of Sending an SMS – C02

GPRS Sending	C02, X,*Phone number*,*Content*
GPRS Reply	C02,OK
Description	Used for the platform to notify the tracker of sending an SMS to a mobile phone. X = 0: in TEXT mode X = 1: in Unicode mode Phone number: a maximum of 16 digits

	Content: a maximum of 140 characters After receiving the message, the tracker sends Content information to specified phone numbers.
Applicable Model	T633G
Example	
GPRS Sending	@@f47,353358017784062,C02,0,15360853789,Meitrack*B1\r\n
GPRS Reply	$$f28,353358017784062,C02,OK*13\r\n

3.35 Setting a GPRS Event Transmission Mode – C03

GPRS Sending	C03, X
GPRS Reply	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	T633G
Example	
GPRS Sending	@@f27,353358017784062,C03,0*E1\r\n
GPRS Reply	$$f28,353358017784062,C03,OK*14\r\n

3.36 Registering a Temperature Sensor Number – C40

GPRS Sending	C40,SN1 & number 1,SN2 & number 2,…,SNn & number n
GPRS Reply	C40,SN1 & number 1 & result, SN2 & number 2 & result,…SNn & number n & result
Description	Commands C40 to C46 are used to read or set a temperature sensor. Installation steps: 1) Check whether the temperature sensor number in AAA GPRS data is 0. 2) If the number is 0, the temperature sensor is not numbered. Then send the C42 command to read the mappings of sensor SNs and numbers. 3) Use the C40 command to index all sensors and bind information in the database, such as the IMEI number, SN, number, and customized name. 4) If a high or low temperature alert is required, send the C43 command to set the temperature value and customize a name. You are advised to use the installation path as the name and save the name to the database. 5) If the sensor is pulled out or replaced when the device is online, use the C46 command to check the sensor. If data is inconsistent, use the C40 and C43 commands to set data. The device uploads current temperature data by the AAA event. If the number in temperature data is 0, the temperature sensor is not registered. The platform automatically sends the C42 command to obtain the temperature sensor SN and number list. Find out the sensor whose number is 0, and register it. n: The maximum value is 8.

	SN: unique number to identify a temperature sensor. Eight bytes. Hexadecimal string. The SN is displayed on the platform like 28 1B D5 23 04 00 00 57, which is the same as that on the sensor label. Number: one byte. Hexadecimal. The value ranges from 1 to 254. Registration result: 0x01, 0x02, 0x03, and 0x04 0x01: The registration is successful. 0x02: The number or SN already exists. 0x03: All sensors are registered. 0x04: Registration failed. Hexadecimal.
Applicable Model	T633G
Example (ASCII is used to display examples because hexadecimal characters cannot be displayed.**)**	
GPRS Sending	@@q35,012896001078259,C40,(1BD5#040000W02*50\r\n
GPRS Reply	$$q36,012896001078259,C40,(1BD5#040000W0201*1B \r\n

3.37 Deleting a Registered Temperature Sensor – C41

GPRS Sending	C41,*Number 1,Number 2,…Number n*
GPRS Reply	C41,*Number 1,Result,Number 2,Result,…Number n,Result*
Description	Number: indicates the registered sensor number; hexadecimal. The value ranges from 1 to 254. Result: Decimal. **1** indicates deletion succeeded. **2** indicates that the number does not exist. **3** indicates deletion failed. To delete all registered temperature sensors, send command C41 only. If deletion is successful, **OK** is returned. If not, **Error** is returned.
Applicable Model	T633G
Example	
GPRS Sending	@@n28,012896001078259,C41,01*19\r\n
GPRS Reply	$$n30,012896001078259,C41,01,1*37\r\n

3.38 Reading the Temperature Sensor SN and Number – C42

GPRS Sending	C42
GPRS Reply	C42,SN1 and number 1,SN2 and number 2,…SNn and number n
Description	SNn: indicates the n(th) sensor SN, and has eight bytes in hexadecimal format. Number n: indicates the n(th) sensor number, and has one byte in hexadecimal format. The value ranges from 0 to 255. If the value is **0**, the temperature sensor is not registered.
Applicable Model	T633G
Example (ASCII is used to display examples because hexadecimal characters cannot be displayed.)	
GPRS Sending	@@m25,012896001078259,C42*89\r\n
GPRS Reply	$$t45,012896001078259,C42,(B4v#040000R00,(1BD5#040000W00*13\r\n

3.39 Setting a Temperature Value for the High/Low Temperature Alert and Logical Name – C43

GPRS Sending	C43,*Number 1/SN1/High temperature value 1/Low temperature value 1/High temperature alert 1/Low temperature alert 1/Logical name 1/…Number n/SNn/High temperature value n/Low temperature value n/High temperature alert 1/Low temperature alert 1/Logical name n*
GPRS Reply	C43,*Number 1/Result 1/Number 2/Result 2…/Number n/Result n*
Description	n: The maximum value is 8.
	Number: one byte in hexadecimal format.
	SN: indicates the temperature sensor SN, and has eight bytes in hexadecimal format.
	High/Low temperature value: two bytes in hexadecimal format. The first byte is the integer part. When the high bit is **1**, the first byte is a negative integer. When the high bit is **0**, the first byte is a positive integer. The second byte is the decimal part.
	High temperature alert: one byte in hexadecimal format.
	Low temperature alert: one byte in hexadecimal format.
	Logical name (customized name): 16 bytes in hexadecimal format. If the name length is less than 16 bytes, add 0x00. There are 15 English characters, and # is located at the end of English characters to distinguish the Unicode and English characters. A maximum of eight Chinese characters can be supported. Chinese characters must be the Unicode.
	Result: one byte in hexadecimal format. **0x01** indicates setting succeeded. **0x02** indicates that the number is not located. **0x03** indicates that setting failed due to wrong parameters.
	Note: Separators (/) are not required between parameters.
Applicable Model	T633G
Example (ASCII is used to display examples because hexadecimal characters cannot be displayed.)	
GPRS Sending	@@o57,012896001078259,C43,01(1BD5#040000W<0005000101T1#000000000000000 00000000000*3F
GPRS Reply	$$o28,012896001078259,C43,0101*85

3.40 Reading Temperature Sensor Parameters – C44

GPRS Sending	C44
GPRS Reply	C44,*Number 1/SN1/High temperature value 1/Low temperature value 1/High temperature alert 1/Low temperature alert 1/Logical name 1/…Number n/SNn/High temperature value n/Low temperature value n/High temperature alert 1/Low temperature alert 1/Logical name n*
Description	n: The maximum value is 8.
	Number: one byte in hexadecimal format.
	SN: indicates the temperature sensor SN, and has eight bytes in hexadecimal format.
	High/Low temperature value: two bytes in hexadecimal format. The first byte is the integer part. When the high bit is **1**, the first byte is a negative integer. When the high bit is **0**, the first byte is a positive integer. The second byte is the decimal part.

	High temperature alert: one byte in hexadecimal format.
	Low temperature alert: one byte in hexadecimal format.
	Logical name (customized name): 16 bytes in hexadecimal format. If the name length is less than 16 bytes, add 0x00. There are 15 English characters, and # is located at the end of English characters to distinguish the Unicode and English characters. A maximum of eight Chinese characters can be supported. Chinese characters must be the Unicode. Note: Separators (/) are not required between parameters.
Applicable Model	T633G
Example (ASCII is used to display examples because hexadecimal characters cannot be displayed.)	
GPRS Sending	@@r25,012896001078259,C44*90\r\n
GPRS Reply	$$r274,012896001078259,C44,01(B4v#040000R0000000000000000000000 00000000000000000000000002(1BD5#040000W00000000000000000000000 000000000000000000000000000000000000000000000000000000000000000 000000000000000000000000000000000000000000000000000000000000000 000000000000000000000000000000000000000000000000000000000000000 000000000000000000000000000000000000000000000000000000000000000 000000000000000000000000000000000000000000000000000000000000000 000000000000000000000000000000000000000000000000000000000000000 000000000000000000000000000000000000000000000000000000000000000 0000000000000000000000*1E\r\n

3.41 Checking Temperature Sensor Parameters – C46

GPRS Sending	C46
GPRS Reply	C46,*Checksum*
Description	Checksum: two bytes in hexadecimal format. Use CRC-CCITT to calculate parameters of eight temperature sensors (in sequence: number, SN, high temperature value, low temperature value, high temperature alert, low temperature alert, and logical name). The calculation result is used as the temperature sensor checksum.
Applicable Model	T633G
Example	
GPRS Sending	@@i25,012896001078259,C46*89\r\n
GPRS Reply	$$i28,012896001078259,C46,12_*F1\r\n

3.42 Setting Fuel Parameters – C47

GPRS Sending	C47,*Sensor type,Alert percentage upper limit,Alert percentage lower limit*
GPRS Reply	C47,OK
Description	Sensor type: 0, 1, 2, and 3
	● **0** indicates that any fuel sensor is not connected.
	● **1** indicates that a C-type fuel sensor is connected (AD2).
	● **2** indicates that a R-type fuel sensor is connected (AD2).
	● **3** indicates that a V-type fuel sensor is connected (AD2).
	For the MVT600 and T1, the AD2 connects to the fuel sensor by default.

	Alert percentage upper limit: When the value is **0**, the alert is cleared. When the value is not 0, GPRS and SMS event flags take effect automatically. When the fuel percentage is higher than or equal to the value, an alert is generated, and the alert event code is 52.
	Alert percentage lower limit: When the value is **0**, the alert is cleared. When the value is not 0, GPRS and SMS event flags take effect automatically. When the fuel percentage is lower than or equal to the value, an alert is generate, and the alert event code is 53.
	If you want to modify a parameter, other parameters must be left blank and separators (,) must be remained. If you only send the C47 command, all parameters are initialized to 0 and they are decimal characters.
	R-type fuel sensor: resistance output fuel sensor
	C-type fuel sensor: capacitance output fuel sensor
	V-type fuel sensor: voltage output fuel sensor
	Fuel sensors A53 and A54 are the V type of fuel sensor.
Applicable Model	T633G
Example	
GPRS Sending	@@f33,353358017784062,C47,2,90,10*0A\r\n
GPRS Reply	$$f28,353358017784062,C47,OK*1C\r\n

3.43 Reading Fuel Parameters – C48

GPRS Sending	C48
GPRS Reply	C48,*Sensor type,Alert percentage upper limit,Alert percentage lower limit*
Description	The format of returned parameters is the same as that set by C47. These parameters are decimal.
Applicable Model	T633G
Example	
GPRS Sending	@@c25,353358017784062,C48*89\r\n
GPRS Reply	$$c33,353358017784062,C48,2,90,10*D0\r\n

3.44 Setting the Fuel Theft Alert – C49

GPRS Sending	C49,*Time for fuel check,Percent of fuel decrease*
GPRS Reply	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	T633G

Example	
GPRS Sending	@@c29,353358017784062,C49,3,2*4B\r\n
GPRS Reply	$$c28,353358017784062,C49,ok*5B\r\n

3.45 Setting the Driving License Type – C50

GPRS Sending	C50,*Driving license type 1,Driving license type 2,…Driving license type n*
GPRS Reply	C50,OK
Description	Driving license type: The parameter value ranges from 0 to 65535. The maximum value of parameter *n* is **16**. The default parameter value is **0**, indicating that no driving license type is set. If you want to read all driving license types, send **C50**. After a new parameter value is set, the existing parameter value will be deleted.
Applicable Model	T633G
Example	
GPRS Sending	@@c29,353358017784062,C50,22,24*A8\r\n
GPRS Reply	$$c28,353358017784062,C50,ok*53\r\n

3.46 Setting Buzzer's Buzzing Sound Time – C51

GPRS Sending	C51,*Longest buzzing sound time*
GPRS Reply	C51,OK
Description	Longest buzzing sound time: The parameter value ranges from 0 to 255. The default value is **10**. Unit: minute. When the parameter value is **0**, the buzzer will make a buzzing sound all the time once it is triggered.
Applicable Model	T633G
Example	
GPRS Sending	@@c29,353358017784062,C51,30*16\r\n
GPRS Reply	$$c28,353358017784062,C51,ok*54\r\n

3.47 Setting the Valid Time after Swiping Cards – C52

GPRS Sending	C52,*Valid time after swiping cards*
GPRS Reply	C52,OK
Description	Valid time after swiping cards: The parameter value ranges from 0 to 255. The default value is **10**. Unit: minute. When the parameter value is **0**, the card swiping is invalid.
Applicable Model	T633G
Example	
GPRS Sending	@@c29,353358017784062,C52,10*15\r\n

GPRS Reply	$$c28,353358017784062,C52,ok*55\r\n

3.48 Serial port peripheral selection – C70

GPRS Sending	C70,X,Y
GPRS Reply	C70,OK

Description	01 X: Select a serial port
	
	    X=1: (uart/RS232/485)1. (DEBUG)
	    X=2: (uart/RS232/485)2. (UART)
	
	02 Y:Peripherals selection (Camera by default)
	
	    Y=0/CAMERA
	
	    Y=1/HANDSET
	
	    Y=2/LEDSCREEN
	
	    Y=3/A21
	
	    Y=4/RFID

Applicable Model	T633G
Example	
GPRS Sending	@@c29,353358017784062,C70,1,0*41\r\n
GPRS Reply	$$c28,353358017784062,C70,ok*55\r\n

3.49 Close device– C76

GPRS Sending	C76
GPRS Reply	C76,OK
Description	Issue C76 without parameters, the device will be shut down after receiving。
Applicable Model	T633G
Example	
GPRS Sending	@@c25,353358017784062,C76*8A\r\n
GPRS Reply	$$c28,353358017784062,C76,ok*5B\r\n

3.50 Enable and mask power off function– C77

GPRS Sending	C77, Value
GPRS Reply	C76,OK
Description	01 Value 1=Represents the enable power button shutdown function； 02 Value 0=Represents the shutdown function of the shielded power button；
Applicable Model	T633G
Example	
GPRS Sending	@@c28,353358017784062,C77,1*EB\r\n
GPRS Reply	$$c28,353358017784062,C77,ok*5C\r\n

3.51 Deleting an Event in the Buffer – CFF

GPRS Sending	CFF,*Quantity of deleted data*
GPRS Reply	CFF,*CFF data packet*

Description	Quantity of deleted data: hexadecimal. In general, the number is 1.
	The data identifiers from the device and server must be consistent. Otherwise, data will not be deleted from the device.
	If data is transmitted in CFF format, send **CFF,FFFF** command to delete all cache records and ensure that the data packet number sent from the server is consistent with that sent from the device.
	When the GPRS connection mode is UDP, send the CFF command to confirm that the server has received the data.

3.52 Obtaining a Picture – D00

GPRS Sending	D00,*File name,Picture data packet start number*
GPRS Reply	D00,*File name,Number of picture data packets,Current picture data packet number,Picture data*
Description	Before obtaining a picture from the tracker, use the D01 command to obtain the picture list.
	File name: Got from the tracker memory card. The file name is unique.
	Picture data packet start number: indicates the start sequence number of a picture package. The minimum value is **0**, indicating that you read the picture from the first picture package. A picture can be divided into multiple packages.
	Number of picture data packages: indicates the number of packets of a picture. The minimum number is **1**.
	Current picture data packet number: which picture packet is sent.
	Picture data: hexadecimal. After all picture data is obtained, a picture will be composed automatically.
	Note: When the tracker receives the D00 command, eight picture packets will be uploaded consecutively. After 2 seconds, the server sends the D00 command to obtain picture data packets from the ninth picture data packet.
Applicable Model	T633G
Example	
GPRS Sending	@@O48,353358017784062,D00,0215080432_C2E03.jpg,0*DB\r\n
GPRS Reply	The example cannot be displayed because of hexadecimal characters.

3.53 Obtaining the Picture List – D01

GPRS Sending	D01,*Picture data packet start number*
GPRS Reply	D01,*Number of picture data packets,Current picture data packet number,Picture name (1)|Picture name (2)|…|Picture name (n)|*
Description	Picture name (n): indicates picture names, which are separated by |.
	Picture data packet start number: indicates the start sequence number of a picture list. The minimum number is **0**. For example, when the value is **0**, you can obtain the picture list from the first picture package. When the value is **4**, you can obtain the picture list

	from the fifth picture package.
	Number of picture data packets: indicates the number of packets of a picture. The minimum number is **1**.
Example	
GPRS Sending	@@A27,353358017784062,D01,0*BB\r\n
GPRS Reply	$$A480,353358017784062,D01,3,0,0506162517_C1E03.jpg|0506162517_C1E11.jpg|0506162624_C1E03.jpg|0506162630_C1E11.jpg|0506162720_C1E03.jpg|0506162721_C1E03.jpg|0215080547_C1E03.jpg|0215080547_C1E11.jpg|0215080626_C1E03.jpg|0215080626_C1E11.jpg|0215080827_C1E03.jpg|0215080827_C1E11.jpg|0215080850_C1E03.jpg|0215080850_C1E11.jpg|0507145426_C1E03.jpg|0507145426_C1E11.jpg|0507145512_C2E03.jpg|0507145512_C2E11.jpg|0215080050_C3E03.jpg|0215080050_C3E11.jpg|0215080459_C3E03.jpg|021508050*41\r\n

3.54 Deleting a Picture – D02

GPRS Sending	D02,*Picture name (1)|Picture name (2)|…|Picture name (n)|*
GPRS Reply	D02,OK
Description	Picture name (n): indicates the name of the picture to be deleted. You can delete multiple pictures. Picture names are separated by |.
Applicable Model	T633G
Example	
GPRS Sending	@@E110,353358017784062,D02,0506162517_C1E03.jpg|0506162517_C1E11.jpg|0506162624_C1E03.jpg|0506162630_C1E11.jpg|*4E\r\n
GPRS Reply	$$F28,353358017784062,D02,OK*F4\r\n

3.55 Taking Photos on Demand – D03

GPRS Sending	D03,Camera number,Picture name,
GPRS Reply	D03, OK
Description	Camera number: The minimum value is **1**, indicating the first camera. The maximum value depends on the number of cameras connected to the tracker. The maximum value is generally **2**. Picture name: indicates the name of a picture.
Applicable Model	T633G
Example	
GPRS Sending	@@D46,353358017784062,D03,1,camera_picture.jpg*21\r\n
GPRS Reply	$$D28,353358017784062,D03,OK*F3\r\n

3.56 Authorizing an RFID Card/iButton Key – D10

GPRS Sending	D10,RFID(1),RFID(2),…,RFID(n)
GPRS Reply	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	T633G
Example	
GPRS Sending	@@f43,353358017784062,D10,13737431,13737461*17\r\n
GPRS Reply	$$f28,353358017784062,D10,OK*13\r\n

3.57 Authorizing RFID Cards/iButton Keys in Batches – D11

GPRS Sending	D11,*RFID card start number*,n
GPRS Reply	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	T633G
Example	
GPRS Sending	@@e36,353358017784062,D11,13737431,1*AA\r\n
GPRS Reply	$$e28,353358017784062,D11,OK*13\r\n

3.58 Checking RFID/iButton Authorization – D12

GPRS Sending	D12,RFID/iButton
GPRS Reply	D12, n
Description	RFID: ranges from 1 to 4294967295. Decimal.
	n: When **n** is **0**, the RFID is not authorized.
Applicable Model	T633G
Example	
GPRS Sending	@@C34,353358017784062,D12,13737431*2A\r\n
GPRS Reply	$$C27,353358017784062,D12,0*87\r\n

3.59 Reading an Authorized RFID/iButton – D13

GPRS Sending	D13,*RFID packet start number/iButton number*
GPRS Reply	D13,*Number of RFID packets*,*Current RFID packet number*,RFID(1)RFID(2)…RFID(n)
Description	RFID packet start number: indicates the start sequence number of the RFID packet. The minimum value is **0**. For example, when the value is **0**, you can obtain the package list from the first RFID packet. When the value is **4**, you obtain the package list from the fifth RFID packet.
	Number of RFID packets: indicates the number of authorized RFID packets. One RFID packet contains a maximum of 100 RFID card numbers. The minimum value is **0**.
	RFID (n): has eight hexadecimal characters.
Applicable Model	T633G

Example	
GPRS Sending	@@w27,353358017784062,D13,0*F4\r\n
GPRS Reply	The example cannot be displayed because of hexadecimal characters.

3.60 Deleting an Authorized RFID Card/iButton – D14

GPRS Sending	D14,RFID(1),RFID(2),…,RFID(n)
GPRS 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	T633G
Example	
GPRS Sending	@@Q34,353358017784062,D14,13723455*3B\r\n
GPRS Reply	$$Q28,353358017784062,D14,OK*02\r\n

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

GPRS Sending	D15,*RFID card start number*,n
GPRS Reply	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	T633G
Example	
GPRS Sending	@@K36,353358017784062,D15,13723455,3*97\r\n
GPRS Reply	$$K28,353358017784062,D15,OK*FD\r\n

3.62 Checking the Checksum of the Authorized RFID/iButton Database – D16

GPRS Sending	D16
GPRS Reply	D15, XOR
Description	This command is used to check whether the existing authorized RFID database is consistent with that recorded in the server. When the tracker receives the D16 command, the XOR result of all authorized RFIDs is regarded as the database checksum for responding. After the server receives the checksum, compare with the XOR result of all authorized RFIDs recorded in the server. If the result is the same, the existing authorized RFID database is consistent with that recorded in the server. Otherwise, data errors occur in the authorized RFID database.

Applicable Model	T633G
Example	
GPRS Sending	@@u25,353358017784062,D16*97\r\n
GPRS Reply	$$u28,353358017784062,D16,18*F7\r\n

3.63 Setting the Harsh Acceleration/Braking Alert — D79

GPRS Sending	D79,X,Y
GPRS Reply	D79,OK
Description	X: indicates the harsh acceleration alert value. Decimal; unit: mG; value range: 90–1000; default value: 230. Y: indicates the harsh braking alert value. Decimal; unit: mG; value range: -1500 to -100; default value: -300.
Applicable Model	T633G
Example	
GPRS Sending	@@B34,865328022075252,D79,230,-300*15\r\n
GPRS Reply	$$B28,865328022075252,D79,OK*F9\r\n

3.64 Reading Device's Firmware Version and SN – E91

GPRS Sending	E91
GPRS Reply	E91,*Version*,*SN*
Description	Read the tracker's firmware version and SN.
Applicable Model	T633G
Example	
GPRS Sending	@@W25,353358017784062,E91*7D\r\n
GPRS Reply	$$W38,353358017784062,FWV1.00,12345678*1C\r\n

3.65 Restarting the GSM Module – F01

GPRS Sending	F01
GPRS Reply	F01,OK
Description	Restart the GSM module.
Applicable Model	T633G
Example	
GPRS Sending	@@j25,353358017784062,F01*88\r\n
GPRS Reply	$$j28,353358017784062,F01,OK*19\r\n

3.66 Restarting the GPS Module – F02

GPRS Sending	F02

GPRS Reply	F02,OK
Description	Restart the GPS module.
Applicable Model	T633G
Example	
GPRS Sending	@@Z25,353358017784062,F02*79\r\n
GPRS Reply	$$Z28,353358017784062,F02,OK*0A\r\n

3.67 Setting the Mileage and Run Time – F08

GPRS Sending	F08,*Run time*,*Mileage*
GPRS Reply	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	T633G
Example	
GPRS Sending	@@D40,353358017784062,F08,0,4825000*51\r\n
GPRS Reply	$$D28,353358017784062,F08,OK*FA\r\n

3.68 Deleting SMS/GPRS Cache Data – F09

GPRS Sending	F09,*Number*
GPRS Reply	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	T633G
Example	
GPRS Sending	@@E27,353358017784062,F09,1*CA\r\n
GPRS Reply	$$E28,353358017784062,F09,OK*FC\r\n

3.69 Restoring Initial Settings – F11

GPRS Sending	F11
GPRS Reply	F11,OK
Description	Restore initial settings except the SMS password.

Applicable Model	T633G
Example	
GPRS Sending	@@[25,353358017784062,F11*7A\r\n
GPRS Reply	$$[28,353358017784062,F11,OK*0B\r\n

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