

Command	Usage	Parameters	Examples	Supported Models
PASSWORD	Modify password	PASSWORD,<PW1>,<PW2> PW1 = old password, range: 1-15 digits of numbers and letters, default value: 0000; PW2 = new password, range: 1-15 digits of numbers and letters; Example: PASSWORD,0000,6666	Modify password to 1234: PASSWORD,0000,1234	All
RETRIEVE	Retrieve password	The center number can send the command to retrieve the password. Without a set center number, any number can send the command.	Retrieve password successfully, device reply: IMEI = 353419032533981; PASSWORD: 1234 Retrieve password fail, device reply: Center number is set, only center number can retrieve the password.	All
CENTER	Add and delete center numbers	CENTER,<PW>,<A>,,<C>,<D> A = "A", fixed parameter, short for "add" ; A = center number 1, range: 1-15 numbers, can be start with "+" or 00 for international number; B = center number 2, range: 1-15 numbers, can be start with "+" or 00 for international number; C = center number 3, range: 1-15 numbers, can be start with "+" or 00 for international number;	Add first center number: CENTER,0000,A,13800090009,, Add all three center numbers: CENTER,0000,A,13800090009,13800080008,13800070007	All
	Delete center numbers	CENTER,<PW>,<A>, A = "D" fixed parameter, short for "delete" ; A = the number to be deleted, range: 0-3, 0: all numbers; 1: first number, 2: second number, 3: third number;	Delete first center number: CENTER,0000,D,1	All
SMS	SMS forwarding	SMS,<PW>,<A>, A = the receiving number of the message to be sent to, range: 1-15 numbers, can be start with "+" or 00 for international number; B = SMS message content, range: 1-16 digits of numbers and letters;	Send message "CX" to 10010: SMS,0000,10086,CX	All
AUTOAPN	Auto set APN	AUTOAPN,<PW>,<A> A = ON/OFF, ON: enable auto APN setting, OFF: disable auto APN setting, default value: ON;	Turn off auto set APN: AUTOAPN,0000,OFF	All
APN	Set APN manually	APN,<PW>,<A>,,<C> N = APN name, range: 1-32 digits of numbers and letters; U = APN username, range: 0-15 digits of numbers and letters; P = APN password, range: 0-15 digits of numbers and letters;	Set APN name to "internet" without username and password: APN,0000,internet,,	All
SERVER	Set platform main server	SERVER,<PW>,<A>, A = main server domain name or IP; B = main server port;	Set platform main server to domain name gps.mettaxiot.com and port 5025: SERVER,0000,gps.mettaxiot.com,5025	All

BSERVER	Set platform backup server	<p>BSERVER,<PW>,<A>,,<C></p> <p>A = backup server domain name or IP; B = backup server port; C = 0 - 2; 0: disable the connection, 1: connect in parallel with the main server, 2: connect when main server is not accessible;</p>	<p>Set platform backup server to connect in parallel with the main server, and with IP 4.194.56.109 and port 5025: SERVER,0000,4.194.56.109,5025,1</p>	All
HEARTBEAT	Set heartbeat interval	<p>HEARTBEAT,<PW>,<A></p> <p>A = 1 - 10, heartbeat interval in minutes, default value: 3 minutes;</p>	<p>Set heartbeat to 5 minutes: HEARTBEAT,0000,5</p>	All
TIMER	Set position report interval	<p>TIMER,<PW>,<A>,</p> <p>A = 1 - 18000; time interval in seconds when ACC is ON; default value: 10; B = 0 - 18000; time interval in seconds when ACC is OFF, 0: no report; default value: 0;</p>	<p>Set report interval to 60 seconds for ACC ON and 300 seconds for ACC OFF: TIMER,0000,60,300</p>	All
SENDS	Set GPS working time when waked up from sleep mode	<p>SENDS,<PW>,<A></p> <p>A = 0 or 1-300, time in minutes the GPS module will work when waked up from sleep mode, 0: always working, default value: 5.</p>	<p>Set GPS working time to 3 minutes when waked up from sleep mode: SENDS,0000,3</p>	All
VIBRATE	Define valid vibration event	<p>VIBRATE,<PW>,<A>,</p> <p>A = 1-255, change value in any of the X, Y, and Z axis output by the G-sensor, default value: 30; B = 1-50, vibration times in 1 second that the value exceeds the parameter A, default value: 3;</p>	<p>Decrease the G-sensor sensibility with parameter A set to 40 and parameter B set to 10: VIBRATE,0000,40,10</p>	All
GSENSORREP	Report G-sensor data to the platform	<p>GSENSORREP,<PW>,<A>,</p> <p>A=ON/OFF, whether to report the G-sensor data to the platform, default value: OFF; B = 1-1024, change value in any of the X, Y, and Z axis output by the G-sensor chipset, default value: 40; C = 10-100, number of G-sensor data arrays to report each time, default value: 20;</p>	<p>Report the G-sensor data when the output value exceeds 100 and report 50 data arrays each time: GSENSORREP,0000,ON,100,50</p>	All
GSENSORSET	Calibrate G-sensor manually	GSENSORSET,<PW>	<p>Calibrate G-sensor manually: GSENSORSET,0000</p>	All
POSITION	Locate and obtain current position	POSITION,<PW>	<p>The device locate and return position successfully: 35555443434434 positioned at 2017-03-29 17:34:09 : http://maps.google.com/maps?q=N22.577156,E113.916748</p> <p>The device fail to locate: 35555443434434 fail to get position at 2017-03-29 17:34:09</p>	All

ANGLEREP	Set angle report interval	ANGLEREP,<SW>,<A>, SW = ON/OFF; turn on or off the angle report; default value: ON A = 1-180, angle degree changes; default value: 10 T = 2-5; detection time of the angle changes in seconds; default value: 2;	Report position if angle change 30 degrees in 2 seconds: ANGLEREP,0000,ON,30,2 Turn off the angle report: ANGLEREP,0000,OFF	All
HASACC	Set is ACC wire connected	HASACC,<PW>,<A> A = YES/NO, whether the ACC wire is connected, default value: YES;	Set ACC wired connected: HASACC,0000,YES	All
GEOREP	Set LBS Geolocation data report	GEOREP,<PW>,<A>, A = ON/OFF, whether to report LBS data, default value: OFF; B = 10-600, timeout in seconds of the GPS non-positioning status before to start reporting the LBS data, default value: 60;	Turn ON LBS geolocation data report if GPS can't be fixed for 60s: LBSWIFIREP,0000,ON,60	All
CLEAR	Clear buffered data	CLEAR,<PW>		All
MONITOR	Remote listen-in	MONITOR,<PW>		MV206
RELAY	Cut-off and restore engine remotely	RELAY,<PW>,<A> A = ON/OFF, connect or disconnect the vehicle fuel and electricity supply, ON: connect, OFF: disconnect, default value: ON	Cut-off the engine: RELAY,0000,OFF Restore the engine: RELAY,0000,ON	All
DOUT1	Digital Output 1 control	DOUT1,<PW>,<A> A = 0, continuously disabled, this is the default status; A = 1, continuously enabled; A = 2, enable 500ms and then continuously disabled; A = 3, enable 500ms and disable 800ms, repeat for 3 times then continuously disabled;	Set digital output 1 to square wave 2: DOUT1,0000,2	MV408
DOUT2	Digital Output 2 control	DOUT2,<PW>,<A> A = 0, continuously disabled, this is the default status; A = 1, continuously enabled; A = 2, enable 500ms and then continuously disabled; A = 3, enable 500ms and disable 800ms, repeat for 4 times then continuously disabled;	Set digital output 1 to square wave 3: DOUT1,0000,3	MV408
VIBRATEALM	Set vibration alarm	VIBRATEALM,<PW>,<A>, A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0;	Turn on the vibration alarm to report by SMS and platform: VIBRATEALM,0000,ON,1 Turn off the vibration alarm: VIBRATEALM,0000,OFF	All

POWERALM	Set power cut-off alarm	<p>POWERALM,<PW>,<A>, A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0;</p>	<p>Turn on the power cut off alarm to report by SMS and platform: POWERALM,0000,ON,1 Turn off the vibration alarm: POWERALM,0000,OFF</p>	All
SOSALM	Set SOS alarm	<p>SOSALM,<PW>,<A>, A = ON/OFF, turn on or off to report the alarm, default value: ON; B = 0 - 3, alarm report channel, 0: only by platform, 1: by SMS + platform, 2: by SMS + platform + phone call, 3: by platform + phone call, default value: 0;</p>	<p>Turn on the SOS alarm to report by SMS, platform and phone call: SOSALM,0000,ON,2 Turn off the SOS alarm: SOSALM,0000,OFF</p>	MV206, MV406, MV408
LOWEXBATARM	Set low external battery alarm	<p>LOWEXBATARM,<PW>,<A>,,<C>,<D> A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0; C = 10-1000, normal external battery voltage, 130 stands for 13VDC, default value: 130; D = 10-1000, voltage threshold to trigger the low external battery alarm, 120 stands for 12VDC, default value: 120; E = 0, or 10-1000, voltage threshold to start external battery protection, 115 stands for 11.5VDC, 0 means doesn't perform external battery protection, default value: 115; C > D > E</p>	<p>Turn on the low external battery alarm to report by SMS and platform when the voltage is less than 12V and enter into external battery protection less than 11.5V, set normal voltage to 13V: LOWEXBATARM,0000,ON,130,120,115 Turn off the low external battery alarm: LOWEXBATARM,0000,OFF</p>	All
LOWBATARM	Set low built-in battery alarm	<p>LOWBATARM,<PW>,<A>, A = ON/OFF, turn on or off to report the alarm, default value: ON; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0;</p>	<p>Turn on the low built-in battery alarm to report by SMS and platform: LOWBATARM,0000,ON,1 Turn off the low built-in battery alarm: LOWBATARM,0000,OFF</p>	All

GFENCE	Set Geofence alarm	<p>GFENCE,<PW><A>,,<C>,<D>,<E>,<F>,<G> A = 1-2, geofence ID; B = ON/OFF, turn on or off to report the alarm, default value: OFF; C = 0-1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0; D = IN/OUT/ALL, IN: report alarm when enter the geofence, OUT: report alarm when exit the geofence, ALL: report alarm when enter and exit the geofence; E = the latitude of the geofence center point, leave it blank to use the latitude of the current position, range: N or S + 0-90; F = the longitude of the geofence center point, leave it blank to use the longitude of the current position; range: E or W + 0-180; G = 50 ~ 99999, diameter of the geofence in meters;</p>	<p>Create a geofence with current position as the center point and diameter of 100 meters, report the alarm both when enter and exit the geofence area: GFENCE,0000,1,ON,0,ALL,,,100</p> <p>Create a geofence with latitude N22.277120, longitude E113.516763 and diameter of 100 meters, report the alarm when enter the geofence area: GFENCE,0000,2,ON,0,IN,N22.277120,E113.516763,100</p>	All
MOVEALM	Set moving alarm	<p>MOVEALM,<PW>,<A>,,<C> A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0; C = 100 - 1000, moving distance in meters; default value: 300;</p>	<p>Turn on the low moving alarm to report by SMS and platform when the distance exceeds 300 meters: MOVEALM,0000,ON,1,300</p> <p>Turn off the moving alarm: MOVEALM,0000,OFF</p>	All
IGNITIONALM	Set ignition status change alarm	<p>IGNITIONALM,<PW>,<A>,,<C>,<D> A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0; T = 1 - 60, detection time in seconds, the ignition has to maintain the new status for this duration to trigger this alarm, default value: 1; C = 0 - 2, 0: ACC changed to ON, 1: ACC changed to OFF, 2: Both, default value: 0;</p>	<p>Turn on the ignition status change alarm to report by platform when the ACC is ON for 10 seconds: IGNITIONALM,0000,ON,0,10,0</p> <p>Turn off the ignition status change alarm: IGNITIONALM,0000,OFF</p>	All
OVERSPEEDALM	Set overspeed alarm	<p>OVERSPEEDALM,<PW>,<A>, A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0; C = 1 - 255, speed threshold in km/h; default value: 120; T = 5 - 600, detection time in seconds, the speed has to be higher than parameter C and maintain this duration to trigger this alarm;</p>	<p>Turn on the overspeed alarm to report by platform when the speed exceeds 80km/h for 5 seconds: OVERSPEEDALM,0000,ON,0,80,5</p> <p>Turn off the overpspeed alarm: OVERSPEEDALM,0000,OFF</p>	All

ACCELALM	Set harsh acceleration alarm	ACCELALM,<PW>,<A>,,<C>,<D> A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0;	Turn on the harsh acceleration alarm to report by SMS and platform: ACCELALM,0000,ON,1 Turn off the harsh acceleration alarm: ACCELALM,0000,OFF	All
BRAKEALM	Set harsh brake alarm	BRAKEALM,<PW>,<A>,,<C>,<D> A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0;	Turn on the harsh brake alarm to report by SMS and platform: BRAKEALM,0000,ON,1 Turn off the harsh brake alarm: BRAKEALM,0000,OFF	All
TURNALM	Set harsh turn alarm	TURNALM,<PW>,<A>,,<C>,<D> A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0;	Turn on the harsh turn alarm to report by SMS and platform: TURNALM,0000,ON,1 Turn off the harsh turn alarm: TURNALM,0000,OFF	All
CRASHALM	Set crash alarm	CRASHALM,<PW>,<A>,,<C>,<D> A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0;	Turn on the crash alarm to report by SMS and platform: CRASHALM,0000,ON,1 Turn off the crash alarm: CRASHALM,0000,OFF	All
FATIGUEALM	Set fatigue driving alarm	FATIGUEALM,<PW>,<A>,,<C>,<D>,<E> A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0; C = 60 - 1440, continuous driving time in minutes, default value: 240; D = 1-30, time in minutes to remind the driver in advance, default value: 20; E = 0 - 1440; time in minutes to rest before the next trip, 0: no rest time, default value: 30;	Turn on the fatigue driving alarm to report by SMS and platform when the driving time exceeds 4 hours and remind the driver to rest 20 minutes in advance: FATIGUEALM,0000,ON,1,240,20 Turn off the fatigue alarm: FATIGUEALM,0000,OFF	MV408
GPSFAILALM	Set GPS position fail fix alarm	GPSFAILALM,<PW>,<A>,,<C> A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0; C = 1 - 20, GPS can't fix time in minutes, default value: 10;	Turn on the GPS fail fix alarm to report by SMS and platform when the location can't be fixed for 10 minutes. GPSFAIL,0000,ON,1 Turn off the GPS fail fix alarm: ROLLOVERALM,0000,OFF	All

TAMPERALM	Set tamper alarm	TAMPERALM,<PW>,<A>, A = ON/OFF, turn on or off to report the alarm, default value: OFF; B = 0 - 1, alarm report channel, 0: only by platform, 1: by SMS + platform; default value: 0;	Turn on the TAMPER alarm to report by SMS and platform: TAMPERALM,0000,ON,1 Turn off the tamper alarm: TAMPERALM,0000,OFF	MV202,MV206,MV406
GMT	Set timezone for time in SMS alarms	GMT,<PW>,<A>,,<C> A = E/W, E: eastern time zone, W: western time zone, default value: E; B = 0 - 12, time zone value, default value: 0; C = 0 - 59, half time zone value, default value: 0;	Set timezone to eastern 8: GMT,0000,E,8,0	All
REBOOT	Reboot the device	REBOOT,<PW>	Reboot the device: REBOOT,0000	All
CHECK	Check device status	CHECK,<PW>	Check device status: CHECK,0000	All
MILEAGE	Mileage statistics	MILEAGE,<PW>,<A> A = mileage settings, range of 0 to 100,000 (unit km), default value: 0;	Set the initial mileage to 1500km: MILEAGE,0000,1500	All
When the SUPPORTED MODELS of the above instructions is ALL, it means that the applicable range is MV202, MV206, MV406, MV408				