

## ML500 Full SMS Commands List

No.	Functions	Command Format	Reply	Note
1	APN Setting	APN,Network name[,name,password]#	SET APN OK	APN,CMNET# (if no name & Password) APN,internet,internet,internet# (if with name & Password)
2	Server Setting	If set with Domain Name: SERVER,1,Domain,Port#	SET SERVER OK	SERVER,1,d.micodus.net,7700#
		If set with IP: SERVER,0,IP,Port#		SERVER,0,47.254.77.28,7700#
3	Revise the instruction password	PASSWORD,[A],[B]#	REVISE PASSWORD OK	A=old password, six digitals, digital range: 0-9, default: 000000; B=new password, six digitals, digital range: 0-9
4	Lock IP and Domain name	LOCKIP,PASSWORD#	LOCK IP OK	Example: LOCKIP,123456#
5	Unlock IP and Domain name	UNLOCKIP,PASSWORD#	UNLOCK IP OK	Example: UNLOCKIP,123456#
6	Check IMEI	IMEI#	DEVICE IMEI No. : 123456789	
7	Revise IMEI	REVIMEI,NEW IMEI NUMBER#	REVISE IMEI OK	Example: REVIMEI,123456789#
8	Restore factory settings	FACTORY#	FACTORY OK	
9	Version Inquiry	VERSION#	Device Reply Example: IMEI:354188046912460 VERSION:MV770G_V2.0.2 BUILD:OCT 19 2016 16:31:00	
10	Parameter Inquiry	PARAM#	Device Reply Example: IMEI:354188046912460 IMS:9460025500276617 ICCID:898602A51314F1298017 APN:CMNET IP:D.MICODUS.NET:7700 TIMER:30,1 CENTER: SOS:13267052361,, LANG:EN GMT:E8.00	
11	Status Inquiry	STATUS#	Device Reply Example: BATTERY:100% GPRS:SUCCESS GSM:HIGH GPS:FIXED,10 ACC:OFF RELAY:OFF POWER: CONNECTED SENSOR: ON, LEVEL: 3 FORTIFIED STATE: ARM	BATTERY: XX% (Built-in Battery Power Percent) GPRS: CLOSED (No Network) FAILED (Connecting Network or Failure) SUCCESS (Connected to Network) GSM: NONE (No GSM Signal) HIGH / MED / LOW (Signal Strength) 18 GPS: CLOSED (GPS Module Closed) FIXED,N (Positioned and satellite number) UNFIX,0 (Not Positioned yet) ACC: ON / OFF (ACC on or off) RELAY: ON / OFF (Relay on or off) POWER: CONNECTED / DISCONNECTED (Power Connected or Disconnected) SENSOR: ON/OFF (Sensor on or off), LEVEL: 3 (Sensitivity level 1-9) FORTIFIED STATE: ARM (Arm or Disarm)
12	Latitude&Longitude Inquiry	WHERE#	LAT:N23.02930,LON:E114.32180, COURSE:0.00,S PEED:0.00KM/H, DATETIME:2015-05-23 14:39:11	
13	Map URL Inquiry	URL#	http://map.google.com/?q=22.557868,113.93 5090 <0.0km/h 0.0> <2014-12-12 07:32:13> IMEI:354188047752402	
14	Address Inquiry	POSITION#	Device Reply Example: 3 Songpingshan Olimin Road, Nanshan, Shenzhen, Guangdong, China, 518057	NOTE: Reply message's language is determined by device's language setting, if get position content failed, device will reply Google Map location link.
15	Time Zone Setting	GMT,Time zone orientation,Whole Time Zone[,Half Time Zone]#	SET GMT OK	GMT,E,8# (if no half time zone) GMT,W,9,30# (if has half time zone) NOTE: Parameter : E / W ; 0 ~ 12; 0/15/30/45
16	Data Upload Distance Interval	DISTANCE,[D]#	SET DISTANCE UPLOAD OK	D ranges: 50~9999 or 0(meters), distance interval, default is 300;
17	Set the angle upload	ANGLEREP,[X],[A],[B]#	SET UPLOAD ANGLE OK	X=ON/OFF, default: ON; A=5~180 degrees, diversion angle degree, default: 30 degrees; B=2~5 seconds, detecting time, default: 3 seconds,
		ANGLEREP,OFF#	CANCEL UPLOAD ANGLE OK	
18	Mileage Statistics	MILEAGE,[A],[B]#	SET MILEAGE OK	A=ON/OFF, On/Off mileage calculation, default: Off B=0~999999, Mileage initial value, unit: km; default: 0, mileage return to zero
		MILEAGE#	CURRENT MILEAGE: 11285KM	Query current mileage
19	Add SOS Administrator Number	SOS,A,1st number,2nd number,3rd number#	SET SOS NUMBER OK	Set 3 numbers at a time: SOS,A,13800138000,1380013800 1,13800138002# Set the first numberseparately: SOS,A,13800138000# Set the second number separately: SOS,A,,13800138001# Means to set 3rd number separately: SOS,A,,,13800138002#
20	Delete SOS Administrator Number	SOS,D,1st number,2nd number,3rd number or SOS,D,1,2,3#	DEL SOS NUMBER OK	Directly delete the number: SOS,D,13800138000# Delete 1st number: SOS,D,1# Delete 2nd number: SOS,D,2# Delete the 2nd and 3rd number: SOS,D,2,3#
21	Add Center Number	CENTER,A,center number#	SET CENTER NUMBER OK	CENTER,A,13800138000# NOTE: Center number is only used for cutting off power & oil, it can only be set by SOS Administrator when using this command by SMS.
22	Delete Center Number	CENTER,D#	DEL CENTER OK	
23	Working Mode Setting	MODE,A,T1,T2#	SET MODE OK	A=1/2/3, 1: Tracking mode 2: Power saving mode 3: Hibernation mode; Default mode: 1  A=1 T1: upload interval of GPS data in moving status,unit: second,10-3600s; default: 10s T2: upload interval of GPS data in static status, unit: second, 180-65535s; default: 3600s  A=2 T1: interval start time,format: HH:MM T2: time interval,range: 1-72 unit: hour,default interval: 24hours  A=3 T1: interval start time,format: HH:MM T2: time interval,range: 1-72 unit: hour,default interval: 24hours
24	Sleep Mode Setting	SLEEP#	SET SLEEP MODE OK	NOTE: After set this sleep mode, the device will enter into sleep mode automatically when the device keep stationary status more than 5min.
		SLEEP,OFF#	CANCEL SLEEP MODE OK	
25	Voice Monitor Mode	MONITOR#	SET MONITOR MODE OK	NOTE: Before monitoring the voice around the device, the user must change the device to this monitor mode firstly.
26	Track Mode	TRACK#	SET TRACK MODE OK	NOTE: After used the voice monitor mode, user can switch the device back to track mode by this command.
27	Heartbeat Packet Upload	HBT,time#	SET HBT OK	HBT,3# NOTE: Range :1-60min, default 3min.
28	Sensor Sensitivity	MOTION,sensitivity#	SET SENSITIVITY OK	MOTION,2# NOTE: Sensitivity Level: 1-9 (1-9 is from weak to strong vibration)
29	Arm manually	ARM#	SET ARM MODE OK	Set the device into arm mode
30	Disarm manually	DISARM#	SET DISARM MODE OK	Set the device out of arm mode
31	Overspeed Alarm Setting	SPEED,[A],[B],[C]#	SET OVERSPEED ALARM OK	A=ON/OFF, open or close over speed alarm, default: OFF B=1~255(km/h), speed limit, default: 100(km/h); C=0/1, way of alarm, 0: GPRS only, 1: SMS+GPRS, default: 1.
		SPEED,OFF#	CANCEL OVERSPEED ALARM OK	
32	Vibration Alarm Setting	SENALM,[A],[M]#	SET VIBRATE ALARM OK	A=ON/OFF, default: OFF; M=0/1/2, way of alarming, 0:GPRS only, 1: SMS+GPRS, 2: GPRS+SMS+phone call, default:2
		SENALM,OFF#	CANCEL VIBRATE ALARM OK	
33	Shift Alarm Setting	SHIFT,[A],[B],[M]#	SET SHIFT ALARM OK	Example: SHIFT,ON,100,1# ( Means Setting 100 meters shift alarm range, when the ignition turned off, vehicle's 100 meters' shift will trigger the alarm. ) A=ON/OFF, default:ON B=Shift Distance (Range: 100-9999m) M=0/1/2; way of alarm, 0: GPRS only, 1: SMS+GPRS, 2: GPRS+SMS+CALL, default:1
		SHIFT,OFF#	CANCEL SHIFT ALARM OK	
34	Disassemble Alarm Setting	TEARDOWN,A,M#	SET DISASSEMBLE ALARM OK	A=ON/OFF; default:ON M=0/1/2; way of alarm, 0: GPRS only, 1: SMS+GPRS, 2: GPRS+SMS+CALL, default:1
		TEARDOWN,OFF#	CANCEL DISASSEMBLE ALARM OK	
35	Temperature Alarm Setting	TEMP,A,L[,H],[M]#	SET TEMPERATURE ALARM OK	Example: TEMP,-1,50,2# NOTE: A: ON/OFF, Default: OFF L: (LOW TEMPERATURE, Range: -50 C-100 C); H: (HIGH TEMPERATURE, Range: -50 C-100 C) M=0/1/2, way of alarming, 0:GPRS only, 1: SMS+GPRS, 2: GPRS+SMS+phone call, default:2
		TEMP,OFF#	CANCEL TEMPERATURE ALARM OK	
36	Humidity Alarm Setting	RH,A,L[,H],[M]#	SET HUMIDITY ALARM OK	Example: RH,30,60,2# NOTE: A: ON/OFF, Default: OFF L: (Low Humidity, Rang: 0-100%); H: (High Humidity, Range: 0-100%) M=0/1/2, way of alarming, 0:GPRS only, 1: SMS+GPRS, 2: GPRS+SMS+phone call, default:2
		RH,OFF#	CANCEL HUMIDITY ALARM OK	
37	Low Battery Alarm Setting	BATALM, [A], [M]#	SET LOW BATTERY ALARM OK	A=ON/OFF, default: ON; M=0/1, way of alarming, 0: GPRS only, 1: SMS+GPRS, default: 1; Default: Once the battery level is below 20% device will alarm
		BATALM,OFF#	CANCEL LOW BATTERY ALARM OK	