

INQUIRY CLASS			
No.	Function	Command	Reply
1	Check firmware version	VERSION#	e.g.[VERSION]NT55_10_A1D_D23_R0_V02_WM [BUILD]2018/03/02 17:15
2	Check parameters	PARAM#	e.g. GPS report on time interval: IMEI:868120184008149; TIMER:10,180; SENDS:5; SOS:;; Sensorset:10,3,5,1; Defense time:3; TimeZone:E,8,0; GPS report on distance interval: IMEI:868120103643505;Distance:200; SENDS:5; SOS:13730454825,;; Center Number:10,3,5,1; Defense time:3; TimeZone:E,8,0;
3	Query device network setting	GPRSSET#	e.g.GPRS:ON; Currently use APN:cmnet,;; Server:1.d.micodus.net,7700,0; URL:http://maps.google.com/maps?q=;
4	Check status	STATUS#	e.g.Battery:3.84V,NORMAL;charge in,Temp:33°C; GPRS:Link Up GSM Signal Level:Strong; GPS:Successful positioning; SVS Used in fix:12(13); , GPS Signal Level:34,33,20,20,25,36,20,27,32,31,28,19 ACC:OFF; Defense:OFF;
5	Check position status	WHERE#	e.g.Current position! Lat:N22.577156, Lon:E113.916748, Course:0.00, Speed:0.00Km/h, Date Time:2013-01-08 17:35:32
6	Check URL	URL#	e.g.<01-08 17:36>http://maps.google.com/maps?q=N22,577156,E113.916748
7	Check position	POSITION# or 123	e.g. GPS located: <01-08 17:36>http://maps.google.com/maps?q=N22,577156,E113.916748 GPS not located: GPS not fixed, please wait for a while, and then try again.
8	Check geo fence status	FENCE#	e.g.FenceType:Circle, ON, Latitude:N22.577091, Longitude:E113.916748, radius:600m, in out:IN or OUT, alarm type:1 FenceType:Circle, OFF, Latitude:0.000000, Longitude:0.000000, radius:0m, in out:IN or OUT, alarm type:1
9	Check automatic APN status	ASETAPN#	
10	Check automatic time zone status	ASETGMT#	

SETTING CLASS			
No.	Function	Command	Explanation
1	Set APN	APN, apnname# or APN, apnname, user,pwd#	Close automatic APN and set by yourself.
		APN#	Check the current APN parameters.
2	Set automatic APN	ASETAPN, X#	X=ON/OFF; ON: open automatic APN; OFF: close automatic APN.
		ASETAPN#	Check automatic APN status
3	Set automatic GMT	ASETGMT, X#	X=ON/OFF; ON: open automatic GMT; OFF: close automatic GMT.
		ASETGMT#	Check automatic GMT status
4	Set server parameters	SERVER, mode, domainName/IP, port, protocol	eg: SERVER, 1, d.micodus.net, 7700, 0# SERVER, 0, 47.254.77.28, 7700, 0# mode = 1 means set with domain name mode = 0 means set with ip address protocol = 0 means connect server with TCP protocol protocol = 1 means connect server with UDP protocol
		SERVER#	Check the current sever parameters
5	Set GMT parameter	GMT, A, b, C#	A: E or W; "E" means eastern time zone, "W" means western time zone; default: E B: 0 ~ 12; time zone default: 8 C: 0/15/30/45; half time zone; default: 0
		GMT#	Check the current time zone parameters
6	Restore to factory	FACTORY#	Restore to factory setting
7	Edit URL	EURL, network links#	set the network links for latitude and longitude, default: http://maps.google.com/maps?q=
		EURL#	Check the current URL
8	GPRS switch	GPRSON, X#	X=0 or 1; "1" means GPRS ON, "0" means GPRS OFF, default: 1
		GPRSON#	Check the current GPRS status
9	Reboot	RESET#	The device would reboot in 20S after receiving the command.
10	GPRS blocking alarm	GPRSALM, X#	X=ON/OFF, default: OFF
		GPRSALM#	Check the GPRS alarm status
11	SOS setting	SOS, A, phone number 1, phone number 2, phone number 3#	Add SOS phone number.
		SOS, D, sequence number 1, sequence number 2, sequence number 3#	Delete the phone number according to the sequence number.
		SOS, D, phone number#	Delete the matching SOS phone number.
		SOS#	Check the SOS phone number.
12	Heartbeat interval setting	HBT, T1, T2#	T1 ranges 1~300 (minutes), heartbeat package upload interval when ACC ON; default is 3; T2 ranges 1~300 (minutes), heartbeat package upload interval when ACC OFF; default is 3;
		HBT#	Check the current parameters of T1 and T2.
13	Set GPS data sending interval	TIMER, T1, T2#	T1 ranges 5~18000 or 0(seconds), upload interval when ACC ON, 0 means no upload, default is 10; T2 ranges 5~18000 (minutes), upload interval when ACC OFF, default is 180.
		TIMER#	Check the current parameters of T1 and T2.
14	Set distance interval of GPS data sending	DISTANCE, D#	D ranges 50~10000 or 0(meters), distance interval, default is 300;
		DISTANCE#	Check the current distance interval.
15	Set the angle upload	ANGLEREP, X, A, B#	X=ON/OFF, default: ON A=5~180 degrees, diversion angle degree, default: 20 degrees; B=2~5 seconds, detecting time, default: 2 seconds,
		ANGLEREP, OFF#	Close the angle upload.
		ANGLEREP#	Check the angle upload status and its parameters.
16	Set the upload for ACC status change	ACCREP, A#	A=ON/OFF, upload for ACC status change, default: ON
		ACCREP#	Check the upload for ACC status change.
17	Set the GPS data sending batch	BATCH, A, N#	A=ON/OFF, data sending batch function on or off, default:OFF N=1~50, N means the number of messages in the batch, default: 10;
		BATCH#	Check the number of messages in a batch.
18	Set the GPS controlled time by sensor	SENDS, A#	A=0-300(minute), time duration for GPS to work once vibration detected, 0 means GPS always on work, default: 5(minute)
		SENDS#	Check the parameters of the time.
19	Clear the backup data	CLEAR#	
20	Set the static data filtering	SF, A, B#	A=ON/OFF; static drift filtering switch; default: ON B=10-1000(m); maximal filtering distance; default: 100(m);
		SF#	Check the parameters.
21	Set delay time of voice monitor	DELAY, A#	A=0, 5-18 seconds; Default: 10 seconds (Enter Listen-In after 10 seconds calling)
22	Set the fence alarm	FENCE, B, 0, D, E, F, X, M#	circle area; B=ON/OFF, open or close fence alarm, default: close; D=the latitude of the circle center; E=the longitude of the circle center; F=1~9999, the fence radius, unit: 100 meters; X=IN/OUT; IN: alarming when get in the fence, OUT: alarming when get out the fence, blank means both alarming when get in or get out the fence, default: blank. M=0/1; way of alarming, 0: GPRS only, 1: SMS+GPRS, default: 1
		FENCE, B, 1, D, E, F, G, X, M#	rectangle area B=ON/OFF, open or close fence alarm, default: close; D=the latitude of the position 1; range: -90~90(degree); E=the longitude of the position 1; range: -180~180(degree); F=the latitude of the position 2; range: -90~90(degree); G=the longitude of the position 2; range: -180~180(degree); the latitude supports "N/S" or "+/-" coming before it's value; the longitude supports "E/W" or "+/-" coming before it's value; ;
		FENCE#	Check the parameters of the fence.
23	Set the power cut-off alarm	POWERALM, [A], [M], [T1], [T2]#	A=ON/OFF, default: ON; M=0/1/2, way of alarming, 0: GPRS only, 1: SMS+GPRS, 2: GPRS+SMS+phone call, default: 1; T1=2~60 (second), default: 5; T2=1~3600 (second), default: 300;
		POWERALM, OFF#	Close the power alarm.
		POWERALM #	Check the parameters of the alarm.
24	Set the low battery alarm	BATALM, A, M#	A=ON/OFF, default: ON; M=0/1, way of alarming, 0: GPRS only, 1: SMS+GPRS, . default: 1;
		BATALM, OFF#	Close the low battery alarm.
		BATALM#	Check the parameters of the alarm.
25	Set the dialing times	CALL, N#	N=1~3, default: 3, times to dial all numbers;
		CALL#	Check the parameters of the dialing.
26	Set the overspeed alarm	SPEED, A, B, C, M#	A=ON/OFF, open or close over speed alarm, default: OFF B=5~600 (second), time interval, default: 20 (second) C=1~255(km/h), speed limit, default: 100(km/h); M=0/1, way of alarm, 0: GPRS only, 1: SMS+GPRS, default: 1.
		SPEED#	Check the parameters of over speed.
27	Set sensitivity of SENSOR	LEVEL, A#	A=1-5; sensitivity range; default:2 LEVEL# check the current sensitivity of sensor
28	Set the LED sleep mode	LEDSW, A#	A=ON/OFF, LED sleep mode control, OFF: start LED sleep mode, ON:LED normal display, default: ON;
		LEDSW#	Check the parameters of LED sleep mode.
29	Set the instruction password	PWDSW, A#	A= ON, enable the instruction password.
		PWDSW, password, B#	Numbers and letters mix inputs supported for instruction password, at least 1 character, no more than 19 characters, default: 000000; B=OFF, disable the instruction password.
30	Revise the instruction password	PASSWORD, A, B#	A=old password, numbers and letters mix inputs supported, at least 1 character, no more than 19 characters, default: 000000; B=new password, numbers and letters mix inputs supported, at least 1 character, no more than 19 characters.
31	Detect the last position before static status	STATICREP, A, B, C, D#	A=ON/OFF; Detect the last position before entering static status; Default: ON B=10-300 seconds; Time range. Default: 10 seconds C=0-100km/h; minimum speed for detecting D=1-20 detecting times
32	Set the SMS forwarding	FW, A, B#	A=phone number, phone number to send; B=SMS content, content to forward.
33	Lock IP and Domain name	LOCKIP#	QLOCKIP# Check the current APN status Note:Locked domain name can't be unlocked again.
34	Set the LBS	LBSON, A#	A=ON/OFF; Open or close the LBS upload
35	Query LBS position	LBS#	
36	Set pull alarm	Pullalm, on, M, T, A#	open pull alarm M=0/1/2/3, way of alarm, 0:GPRS only, 1:GPRS+SMS, 2:GPRS+SMS+CALL, 3:GPRS+CALL, default:1 T=2-60s, detection time after device plugged out, default:20 A=1-100, a hundred times of any axis's (XYZ) acceleration value, default:30
37	Mileage statistics	mileage, A, L#	A=ON/OFF, On/Off mileage calculation, default: Off B=0~999999, Mileage initial value, unit: km; default: 0, mileage return to zero
38	Activate GPS command	GPSON, T#	T = 5-300, unit: minutes, turn GPS for T minutes;
		GPSON#	Open the GPS for 5 minutes;

ERROR EXPLANATION		
No.	ERROR ID	EXPLANATION
1	ERROR 100	Command length is over the ruled length.
2	ERROR 101	Parameters of Command are over the ruled length.
3	ERROR 102	The format of command is incorrect.
4	ERROR 103	The format of password is incorrect.
5	ERROR 104	Family numbers are all set up fully.
6	ERROR 105	Family numbers are not exist already.
7	ERROR 106	The serial number is incorrect.
8	ERROR 107	Command is not exist.
9	ERROR 108	No command end symbol #.
10	ERROR 109	Password is incorrect.
11	ERROR 110	Only family number could effect this function.
12	ERROR 111	Only SOS number could effect this function.
13	ERROR 112	You dial the phone is busy, please dial later.