คำสั่ง ของอุปกรณ์ GPS

GV20 COMMANDS LIST

	Function	คำสั่ง (Command)	ข้อความตอบกลับ (Reply)	คำอธิบาย (Explanation)
	QUERY CLASS			
1	ตรวจสอบเวอร์ชัน (Check firmware version)	VERSION#	BD02W_20_S1G15A1_B3_R0_V01_WM,Build: 11-16-2016 09:26:23	
2	ตรวจสอบค่าต่าง ๆ (Check parameters)	PARAM#	IMEI:868120144485130;Timer:10,10;HBT:3,5; SOS:,,;Center Number:;Sensorset:10,1,5,1;Sends:5 Minute(s);Defense time:10;TimeZone:E,8,0;	
3	การตั้งค่าเครือข่ายอุปกรณ์ (Query device network setting)	GPRSSET#	Data Link:ON;APN:,1;Server:1,gpsdev.tracksolid.com(),21100,0;AGPS:dev.jimicloud.com,12283;URL:http://maps.google.com/maps?q=;	
4	ตรวจสอบสถานะ (Check status)	STATUS#	Battery Voltage:4.13V;Data Link:Offline;Network Signal Level:17;ACC:OFF;BD/GPS:Searching;SVS Used in fix:13(13);GNSS Signal Level:48,48,48,42,42,48,45,39,36,30,31,46,38,37,37,34,279,0,0,0,0,17778,34,Defense:OFF;	
5	ตรวจสอบสถานะตำแหน่ง (Check position status)	WHERE#	e.g. Last Position!Lat:N22.57715,Lon:E113.91670,Course:0,Speed:0Km/h,DateTime:2016-12-02 11:08:50	
6	Check URL	URL#	e.g.<12-02 11:13>http://maps.google.com/maps?q=N22.577150,E113.916700	

7	ตรวจสอบตำแหน่ง (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: Currently,GPS is not positioning,please try again later!	
8	Check geo fence status	FENCE#	Fence Alarm,OFF	
9	ตรวจสอบสถานะการเคลื่อนย้าย (Check moving status)	MOVING#	Moving Alarm Switch:OFF,Radius:300 M,Report Mode:1,Longitude:0.00000,Latitude:0.00000	
	SETTING CLASS			
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 server parameters	SERVER,mode,domainName,port,protocol# or SERVER,mode,ip,port,protocol#		eg: SERVER,1,www.ydpat.com,8011,0# SERVER,0,211.154.135.113,8011,0# 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
4	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
5	Restore to factory	FACTORY#		Restore to factory setting

		EURL,network links#		set the network links for latitude and longitude, default: http://maps.google.com/maps?q=
6	Edit URL	EURL#		Check the current URL
	การตั้งค่าภาษา (Language setting)	LANG,X#		X=0 or 1; "1" is Chinese "0" is English
		LANG#		check the current language
		GPRSON,X#		X=0 or 1;"1" means GPRS ON, "0" means GPRS OFF, default:1
7	GPRS switch	GPRSON#		Check the current GPRS status
8	Reboot	RESET#		The device would reboot in 20S after receiving the command.
9	ปิดกั้นการเตือน(GPRS blocking alarm)	GPRSALM,X#		X=ON/OFF, default: OFF
		GPRSALM#		Check the GPRS alarm status
		SOS,A,phone number 1,phone number 2,phone number 3#		Add SOS phone number.
		SOS,D,sequence number 1,sequence number 2,sequence		Delete the phone number according to the sequence number.
		SOS,D,phone number#		Delete the matching SOS phone number.
10	SOS setting	SOS#		Check the SOS phone number.
		CENTER,A,phone number#		Add center phone number.
		CENTER, D#		Delete center phone number.
11	ตั้งค่าหมายเลขโทรศัพท์กลาง (Center phone number setting)	CENTER#		Check the center phone number.

		HBT,T1,T2#		T1 ranges 1~19(minutes), heartbeat package upload interval when ACC ON; default is 3; T2 ranges 1~19 (minutes), heartbeat package upload interval when ACC OFF; default is 5;
12	การตั้งค่าช่วงเวลา (Heartbeat interval setting)	HBT#		Check the current parameters of T1 and T2.
		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 (seconds), upload interval when ACC OFF, default is 10;
13	ตั้งค่าช่วงการส่งข้อมูล GPS (Set GPS data sending interval)	TIMER#		Check the current parameters of T1 and T2.
14	ตั้งระยะห่างของการส่งข้อมูล GPS (Set distance interval of GPS data sending)	DISTANCE,D#		D ranges 50~10000 (meters), distance interval, default is 300;
		DISTANCE#		Check the current distance interval.
		ANGLEREP,X,A,B#		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#		Close the angle upload.
15	ตั้งค่าการอัปโหลด (Set the angle upload)	ANGLEREP#		Check the angle upload status and its parameters.
		ACCREP,A#		A=ON/OFF, upload for ACC status change, default: ON
16	กรอกข้อมูลสถานะ ACC (Fill the ACC status changes)	ACCREP#		Check the status of the upload for ACC status change.

17	ตั้งค่าชุดข้อมูลการส่งข้อมูล GPS (Set the GPS data sending batch)	BATCH,A,N#		A= A=ON/OFF, data sending batch function on or off, default:OFF N=1～50, N means the number of data in the batch, default：10；
		BATCH#		Check the number of messages in a batch.
18	กำหนดความล่าช้าของการป้องกัน (Set the delay of the defense)	DEFENSE,A#		A= 1～60 (minute), delay of the defense, default：10 (minutes).
		DEFENSE#		Check the parameters of the defense.
19	ตั้งเซ็นเซอร์ตรวจจับการสั่นสะเทือน (Set vibration sensor detecting time)	SENSOR,A,B,C#		A=10-300 seconds,detecting time. Default: 10 seconds B-10-300 seconds, alert delay. Deault:180 seconds C=1-3000 minutes, vibration alert interval. Default: 30 minutes
		SENSOR#		SENSOR# Check the parameter of the status
20	ตั้งเวลาควบคุม GPS ด้วยเซ็นเซอร์ (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.
21	ยกเลิกสถานะ (Disarm)	DSRESET#		Cancel the current defense status
22	ล้างข้อมูลสำรอง (Clear the backup data)	CLEAR#		clear the GNSS positioning data
23	ตั้งค่าข้อมูลแบบคงที่ (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.
24	ตั้งค่าการควบคุมน้ำมัน / ไฟฟ้า (Set the petrol/electricity control)	RELAY,A#		A=0/1；0 means connection, 1 means cut off；default: 0.
		RELAY#		Check the status of the control.
25	ตั้งเวลาหน่วงเวลาของการตรวจสอบ ด้วยเสียง (Set delay time of voice monitor)	DELAY,A#		A=5-18 seconds; Default: 10 seconds (Enter Listen-In after 10 senconds calling)
		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

26	ตั้งค่าสัญญาณเตือนรั้ว (Set the fence alarm)	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.
27	ตั้งสัญญาณเตือนการสั่นสะเทือน (Set the vibration alarm)	SENALM,A,M#	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#	Close vibration alarm
		SENALM#	Check the parameters of the alarm
28	ตั้งค่าสัญญาณเตือนการตัดกระแสไฟ (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：2； T1=2～60 (second), detecting time ,default：5； T2=1～3600 (second), The minimum time charging, default：300；
		POWERALM, OFF#	Close the power alarm.
		POWERALM#	Check the parameters of the alarm.
29	ตั้งค่าสัญญาณเตือนแบตเตอรี่ต่ำ (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.
31	ตั้งเวลาการโทรออก (Set the dialing times)	CALL,N#	N=1～3, default：3, times to dial all numbers;
		CALL#	Check the parameters of the dialing.
32	ตั้งการปลุกที่เคลื่อนที่ (Set the moving alarm)	MOVING,A,R,M#	A=ON/OFF, default：OFF; R=100～1000, moving radius, unit: meter, default: 300； M=0～3, 0: GPRS only, 1: SMS+GPRS, 2: GPRS+SMS+phone call, 3: GPRS+CALL,default：1；
		MOVING,OFF#	Close the moving alarm.
		MOVING#	Check the status and the parameters of the moving alarm.
33	ตั้งค่าสัญญาณเตือนเกินขนาด (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.
34	ตั้งค่าความไวของ SENSOR (Set sensitivity of SENSOR)	LEVEL,A#	A=1-5: sensiticity range; default:2
		LEVEL#	check the current sensitivity of sensor

35	ตั้งโหมดการปิด LED (Set the LED sleep mode)	LEDSLEEP,A#		A=ON/OFF, LED sleep mode control, ON: start LED sleep mode, OFF:LED normal display, default：ON ;
		LEDSLEEP#		Check the parameters of LED sleep mode.
37	ตั้งรหัสผ่านคำสั่ง (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.
38	แก้ไขรหัสผ่านคำสั่ง (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.
40	ตั้งค่าการส่งต่อ SMS (Set the SMS forwarding)	FW,A,B#		A=phone number, phone number to send; B=SMS content, content to forward. Only SOS can use this command.
41	ตั้งค่าแบตเตอรี่เสริมพิเศษ (set extra low battery alarm)	EXBATALM,A,M,N1,N2,T#		A=ON/OFF M=0~1:0 mean GPRS;1 mean SMS+GPRS; N1=10-360V,low battery alarm value ,default :115 N2=10-360V,relieve alarm value ,default :125 T=1-300S,detecting time ,default :10
		EXBATALM,OFF#		turn off the extra low battery alarm
42	สถิติไมล์สะสม (Mileage statistics)	MILEAGE,A,B#		A=ON/OFF, On/Off mileage calculation, default: Off B=0～999999，Mileage initial value , unit：km ; default: 0, mileage return to zero
		MIELEAGE#		Query current mileage

43	ย้ายการเตือน (moving dismantle alarm) Removealm,ON,,M,PS_MAX,ALS_MAX,P,A#		M=0~3，0:GPRS,1:SMS+GPRS,2：GPRS+SMS+CALL,3：GPRS+CALL;default:0 ps_max=1~100，Difference value of distance ,default: 25 als_max=0~255, limit value of light ,default: 5 P=0~10,activate times ,default :1 A=0~10,activate times ,default :2
44	ตั้งค่าเตือนของพื้นที่ GPS (set warning of GPS blind area) BLINDALM,A,B,C,M#		A=ON/OFF B=5~600S,delay report of entering GPS blind area C=5~600S,delay report of leaving GPS blind area M=0~1，0:GPRS, 1：SMS+GPRS
45	ตั้งค่าเตือนการเปลี่ยนแปลงสถานะ ACC (set warning of ACC status change) ACCALM,M,A,B#		M=ON/OFF，On/Off ACC status change alarm ,default: Off A= 0/1, 0 :GPRS only ,1:SMS+GPRS, deafult :1 B=5～60，Acc status detect time ,unit: seconds,default: 10
46	whether upload GPS data when not located GPSDUP,X#		x=ON/OFF,ON mean upload data when the car static OFF mean don't uplada data when the car static
47	อัปโหลดตำแหน่ง LBS (upload a LBS location) LBS#		upload a LBS location
48	อัปโหลดสถานที่ LBS (LBS location upload) LBSON,A,T1,T2#		A=ON/OFF,default :ON T1=10~3600s,upload interval ,default :60s T2=10~3600s,time of GPS not located ,default :60s
49	การตั้งค่าการอัปโหลดแบบอะนาล็อก Analog quantity upload setting(external voltage upload setting) ADT,A,B#		A=ON/OFF，On/Off AD data upload,default: Off B=5～3600，Upload time interval,unit: seconds,default: 600