

1 DEVICE COMMAND

1.1 Tracker Command

I Set Command			
Function	Format	Example	Note
APN setting	APN,Network name, [name,password]#	APN,CMNET#	If the setup is successful, terminal will reply: SET APN OK
APN setting inquiry	APN?	APN?	Terminal will reply: APN:cmnet
Server setting	SERVER,"tcp:// domain:port"# Or SERVER,"tcp://IP:port"#	SERVER,"tcp:// hkgps.sky200.co m:32001"#	If the setup is successful, terminal will reply: SET SERVER OK
	SERVER,"udp:// domain:port",IP,port#	SERVER,"udp:// hz- udp.sky200.com: 32008"#	
Server setting inquiry	SERVER?	SERVER?	Terminal will reply: SERVER:www.sky200.com,33201
SAVING mode	GPS,0#	GPS,0# GPS,1# GPS,2# GPS,3#	GPS,0# : GPS ALWAYS ON GPS,1#: GPS ONLY ON When it move or inquiry the location. GPS,2#: GPS only one when it inquiry the location . GPS,3# : GPS Closed
Warning	Warning,number#	Warning, 1# (turn off	Warning, 1# (turn off SOS

command		<p>SOS alarm) Warning, 4# (turn off power disconnect alarm) Warning, 8# (off battery low battery alarm) Warning, 40# (turn off vibration alarm) Warning, 80# (Turn off collision alarm) Warning,0# (open all alarms) Warning, FFFFFFFF# (closed of the all alarm.) Warning, 1C0# (turn off collision alarm, vibration alarm,drop alarm) Warning, 180# (turn off collision alarm, drop alarm)</p>	<p>alarm) Warning, 4# (turn off power disconnect alarm) Warning, 8# (off battery low battery alarm) Warning, 40# (turn off vibration alarm) Warning, 80# (Turn off collision alarm) Warning,0# (open all alarms) Warning, FFFFFFFF# (closed of the all alarm.) Warning, 1C0# (turn off collision alarm, vibration alarm,drop alarm) Warning, 180# (turn off collision alarm, drop alarm)</p>
GPRS upload time interval	COLLECT,INTERVAL,DISTANCE,TURN,ACTIVE,QUANTITY#	COLLECT,30#	<p>Upload interval: 0,10 ~ 18000s, 0 means prohibit uploading, default is 10s . Packet number:1-20,default is 1 If the setup is successful, terminal will reply: SET TIMER OK</p>
GPRS upload time interval inquiry	COLLECT?	COLLECT?	Terminal will reply: COLLECT:10
Temperature sensor	sensor, T,Min temperature, Max temperature, Time#	sensor, t, - 10, 30, 10#	<p>REPOSE: SET SENSOR OK This command meas sent the temperature range from -10 to 30 degeree,then it exceed the range more than 10s ,it will alarm.</p>
Time zone	GMT,Time zone	GMT,E,9#	Range: E / W; 0 ~ 12;

setting	orientation,Whole Time Zone,[Half Time Zone] #	GMT,E,9,30#	0/15/30/45 If the setup is successful, terminal will reply: SET GMT OK
Time zone setting inquiry	GMT?	GMT?	Terminal will reply: GMT:E9.00
Language setting	LANG,1/0#	LANG,1# LANG,0#	1 represents Chinese 0 represents English If the setup is successful, terminal will reply: SET LANG OK
Language setting inquiry	LANG?	LANG?	Terminal will reply: LANG:CN
MANAGER NUMBER setting	MANAGER,INDEX, NUMBER,ALIAS#	MANAGER,1,13800000 0#	Center number is used for cutting off power and oil. If the setup is successful, terminal will reply: SET MANAGER OK SET MANAGER ERROR
MANAGER number inquiry	Manager,index?	Manager,1?	Terminal will reply:manager,1,number
Monitor delay time setting	DELAY,time#	DELAY,5#	Range: 5-60s, default is 10s. If the setup is successful, terminal will reply: SET DELAY OK
Monitor delay time setting inquiry	DELAY?	DELAY?	Terminal will reply: DELAY:5
Heartbeat packet upload	HBT,time#	HBT,3#	Range: 1-60min, default 3min. If the setup is successful, terminal will reply: SET HBT OK
Heartbeat	HBT?	HBT?	Terminal will reply:HBT:3

packet upload inquiry			
Motion setting	MOTION,sensitivity,timeout#	MOTION,2,5#	Sensitivity range: 0-9 Timeout range: 0-60 Sensitivity: 0: disable vibrating alarm If the setup is successful, terminal will reply: SET MOTION OK
Motion setting inquiry	MOTION?	MOTION?	Terminal will reply: MOTION:2,5
Speed setting	SPEED,min speed,max speed#	SPEED,0,80#	Device will rise an alarm when speed is lower than min-speed or higher than max-speed If set Min-speed to 0,disable low speed alarm; If set Max-speed to 0,disable high speed alarm; If the setup is successful, terminal will reply: SET SPEED OK
Speed setting inquiry	SPEED?	SPEED?	Terminal will reply: SPEED:0,80
Geo fence setting	FENCE,fence number,fence marking,fence parameters 1,fence parameter 2,fence parameter 3,fence parameter 4#	FENCE,1,OR,,,500#	Set No.1 round fence, OR alarm type: out-fence alarm; current point as the center, radius 500m.
		FENCE,2,IR,,,500#	Set No.2 round fence, IR alarm type: in-fence alarm; current point as the center, radius 500m.
		FENCE,3,CR,,,500#	Set No.3 round fence, CR alarm type: across-fence alarm; current point as the center, radius 500m.
		FENCE,4,OR,113.5,22.5,	Set No.4 round fence, OR

		500#	alarm type: out-fence alarm; Latitude and longitude (113.5,22.5) as the center, radius 500m.
		FENCE,5,IR,113.5,22.5,500#	Set No.5 round fence, IR alarm type: in-fence alarm; Latitude and longitude (113.5,22.5) as the center, radius 500 m.
		FENCE,6,CR,113.5,22.5,500#	Set No.6 round fence, CR alarm type: across-fence alarm; Latitude and longitude (113.5,22.5) as the center, radius 500 m.
		FENCE,1,OS,113.2,22.2,113.8,22.8#	Set No.1 rectangular fence, OS alarm type: out-fence alarm; In longitude and latitude (113.5, 22.5), (113.8, 22.8) forming a rectangle.
		FENCE,2,IS,113.2,22.2,113.8,22.8#	Set No.2 rectangular fence, IS alarm type: in-fence alarm; In longitude and latitude (113.5, 22.5), (113.8, 22.8) forming a rectangle.
		FENCE,3,CS,113.2,22.2,113.8,22.8#	Set No.3 rectangular fence, CS alarm type: across-fence alarm; In longitude and latitude (113.5, 22.5), (113.8, 22.8) forming a rectangle.
Delete geo fence	FENCE,0#	FENCE,0#	Delete all fences
	FENCE,N#	FENCE,5#	Delete the 5th fence
Geo fence setting inquiry	FENCE,N?	FENCE,1?	Terminal will reply: FENCE1:IR,113.12340,22.12340,1000.00
Start Shift alarm	SHIFT,shift range#	SHIFT,100#	Set 100 meters shift alarm range,when the ignition is turned off,Vehicle's 100 meters shift will trigger the alarm
Close Shift alarm	SHIFT,0#		Close Shift alarm
Shift alarm inquiry	SHIFT?	SHIFT?	Terminal will reply: SHIFT:100.00

Remote Upgrade	UPGRADE, upgrade package, domain name / IP, port #	UPGRADE,C4_M5050_v1_7_7.exf,www.sky200.com,69#	upgrade package is C4_M5050_v1_7_7.exf Upgrade domain: www.hehijing.com Port : 69
Output port value setting	PORT,NNNN#	PORT,1000#	N's value is 0/1 Is the value of the output ports, represent 1/2/3/4 port If the setup is successful, terminal will reply: PORT OK
Input and output value inquiry	PORT?	PORT?	Terminal will reply: DIN:0100 DOUT:0000 AIN1:0 AIN2:0
II Control Command			
Cut off oil & power	RELAY,1#		If setup successful, Terminal reply: Relay enable OK Otherwise, Command can not be executed and reply the reasons: Not center number, GPS un-positioning or speed > 20KM / H
Restore oil & power	RELAY,0#		If setup successful, Terminal reply: Relay disable OK
Oil & power status inquiry	RELAY?	RELAY?	Terminal will reply: RELAY:DISABLE
Restart terminal	RESET#		Terminal reply: Reset OK
Restore factory settings	FACTORY#		Terminal reply: Factory OK
III Query Command			
Version inquiry	VERSION# VERSION?		VERSION:M5216_V1.8.0 BUILD:2012-05-09 10:12
Parameter inquiry	PARAM# PARAM?		IMEI:123456789012345 APN:cmnet IP:Server:port TIMER:GPS Packet Interval

		<p>CENTER:Center number SOS:Number1,Number2,Number3 LANG: (CN/EN) GMT: (E/W8.00) HBT:Heartbeat interval DELAY:Monitoring delay time</p>
Latitude and Longitude inquiry	<p>WHERE# WHERE?</p>	<p>Lat:N23.111743 Lon:E114.409238 Course:0.00 Speed:0.17KM/H Date Time:2011-09-13 20:21:20</p>
Status inquiry	<p>STATUS# STATUS?</p>	<p>BATTERY:100% (Remaining battery)% GPRS:NORMAL / EXCEPTIONAL GSM Signal:HIGH / MIDDLE / LOW GPS:FIXED / UNFIXED GPS Signal:HIGH / MIDDLE / LOW ACC:OPEN / CLOSE RELAYER:ENABLED / DISABLED CHARGER:NORMAL / EXCEPTIONAL</p>
Location Links inquiry	<p>URL# URL?</p>	<p><Date Time:10-11-18 18:41:04> https://maps.google.com/maps?q=N22.555525,E113.940147</p>
Address inquiry	<p>POSITION# POSITION?</p>	<p>3 Songpingshan Qimin Road, Nanshan, Shenzhen, Guangdong, China, 518057 Note: Reply position message's language is determined by device's language setting, if get position content failed, reply the device's Google Maps location link.</p>
SMS forwarding	<p>FW,tracking number,content#</p>	<p>Example: balance inquiries FW, 10086, CXYE # FW, 10010, YE # When terminal receives the message, put the query in a text message sent to the tracking number, and return the message to the sender with the content back from tracking number in 5 minutes. Can be used for inquiry calls, traffic, etc.</p>