



Comparative Table

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GPS PLATAFORM
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Specifications	3G	lite	lite fuel	advanced
Dimension	98*52*15mm	73.8*25.9*12.2mm	80*53*21mm	90*60*27mm
Weight	80g	26.6g	157g	145g
GSM Module	MT3336	MT3336	SIMCOM800C	SIMCOM800
GPS Module	MTKhighsensitivity chip	High Sensitivity GPS Chips	U-blox7Q	U-blox7Q
Input Voltage	DC 9~36V-300mA	DC 9~36V-32mA(12VDC)18mA(24VDC)	DC 8~92V/1.5A	DC 11~36V/1.5A
Internal Battery	450mAh/3.7V Industrial Lithium Polymer Battery	100mAh/3.7V Industrial Grade Lithium Battery	300mAh/3.7V	600mAh/3.7V
Power Consumption			30-35mA Standby Current	30-35mA Standby Current
Internal Battery Life	60h Standby Mode, 4h Normal Working Mode		6h Sleep Mode, 2.5h Normal Working Mode	15h Sleep Mode, 6h Normal Working Mode
Operating Temperature	-20°C~70°C	-20°C~70°C	-20°C~70°C	-20°C~70°C
Humidity	5%~95% non-dense		5%~95%	5%~95%
LED Light	3 LED Lights GPS-Blue GSM-Green POWER-Red	2 LED Lights GPS-Blue GSM-Green	3 LED lights indicating GPS/GSM/External power status	3 LED lights indicating GPS/GSM/External power status
Button / Switch			1 Power Switch (inside case)	1 SOS Button, 1 Power Switch
Flash Memory	32+32MB	32+32MB	8MB (GPRS data 20400 units, SMS data 320 units)	8MB (GPRS data 20400 units, SMS data 700 units)
Sensor			3D Acceleration Sensor	3D Acceleration Sensor
GSM Frequency Band	WCDMA/GSM 850/900/1900/2100Mhz	GSM 850/900/1800/1900Mhz	GSM 850/900/1800/1900Mhz	GSM 850/900/1800/1900Mhz
GPS Sensitivity	-165dBm	-165dBm	-161dBm	-161dBm
GPS Start Speed	Cold Start 35s / Hot Start 2s	Cold Start 32s / Hot Start 1s	Cold Start 35s / Hot Start 1s	Cold Start 35s / Hot Start 1s
Position Accuracy	10m	10m	10m	10m
I/O Port			2 Digital Input 1 Analog Input, Voltage Range 0-12V 1 Output 1 USB Port (inside case) 80*53*21mm	4 Digital Input 2 Analog Input 0~6V - 0~12V 2 Output 1 RS232 Port 1-Wire Protocol + 1 Impulse Detection + 1 USB
Recommended for	Light Vehicles + Trucks + Heavy Machinery	Motorcycles	Motorcycles + Light Vehicles + Trucks + Heavy Machinery	Light Vehicles + Trucks + Heavy Machinery

