Service of service o						5.7 Delete the center n	umb	er
Product Model  MEI Number  Faut Descriptions  Serviced by  Maintenance Record 1  Date  Serviced by  Date Maintenance Record 1  Date  Serviced by  Date Maintenance Record 1  Date  Serviced by  Maintenance Record 1  Date  Serviced by  Date Maintenance Record 1  Date  Serviced by  Maintenance Record 1  Date Record by  Date Da	Maintenance Re	ecord 1						lete the center number.
Freduct Model			Completed by				#	
Product Model  MEI Number  Fault Descriptions  Comments  Maintenance Record 1  Date  Serviced by  Maintenance Record 1  Date  Serviced by  Maintenance Record 1  Date  Serviced by  Product Model  MEI S334 (903248877 — MMEI number of the device; Timer 10, 00 — GPS date uploading interval; SSNBS, 5, — the GPS working time when ACC is OFE; SOS 1984/700411— 50 of same manufacture of the device; Timer 10, 00 — GPS date uploading interval; SSNBS, 5, — the GPS working time when ACC is OFE; SOS 1984/700411— 50 of same manufacture of the device; Timer 10, 00 — GPS date uploading interval; SSNBS, 5, — the GPS working time when ACC is OFE; SOS 1984/700411— 50 of same manufacture of the device; Timer 10, 00 — GPS date uploading interval; SSNBS, 5, — the GPS working time when ACC is OFE; SOS 1984/700411— 50 of same manufacture of the device; Timer 10, 00 — GPS date uploading interval; SSNBS, 5, — the GPS working time when ACC is OFE; SOS 1984/700411— 50 of same manufacture of the device; Timer 10, 00 — GPS date uploading interval; SSNBS, 5, — the GPS working time when ACC is OFE; SOS 1984/70041— 50 of same manufacture of the device; Timer 10, 00 — GPS date uploading interval; SSNBS, 5, — the GPS working time when ACC is OFE; SOS 1984/70041— 50 of same manufacture of the device; Timer 10, 00 — GPS contracts the same manufacture of the same manufacture of the device; Timer 10, 00 — GPS contracts the same manufacture of the device; Timer 10, 00 — GPS contracts the same manufacture of the device; Timer 10, 00 — GPS contracts the same manufacture of the device; Timer 10, 00 — GPS contracts the same manufacture of the device; Timer 10, 00 — GPS contracts the same manufacture of the device; Timer 10, 00 — GPS contracts the same manufacture of the device; Timer 10, 00 — GPS contracts the same manufacture of the device; Timer 10, 00 — GPS contracts the same manufacture of the same manufacture of the device; Timer 10, 00 — GPS contracts the same manufacture of the same manufacture of the device; Timer 10, 00 — GPS contracts the same m	Date		Serviced by				"OK"	renly SMS
Descriptions								
5.8 Check parameter setting Sand command to the terminal, you can check the parameter setting. Comments  Maintenance Record 1  Date Serviced by Servic	Product Model					NOTE: Only the SOS num	ber ca	an be used to delete center
5.8 Check parameter setting Sand command to the terminal, you can check the parameter setting. Comments  Maintenance Record 1  Date Serviced by Servic						Only SOS phone number c	an se	nd this command
5.8 Check parameter setting Sand command to the terminal, you can check the parameter setting. Comments  Maintenance Record 1  Date Serviced by Servic						successfully to set the cent	ernu	mber. There is only one
Fault Descriptions	IMEI Number					center number can be set.		
Comments  Maintenance Record 1  Date Serviced by Serviced by Serviced by Serviced Serviced by Serviced Serviced by Serviced Servi						5.8 Check parameter s	ettin	g
Comments  Maintenance Record 1  Date Serviced by Serviced by Serviced by Serviced Serviced by Serviced Serviced by Serviced Servi	Fault Description	s				Send command to the terminal	. vou	can check the parameter setting.
Information replied:	r dan Boodinphon						, ,	
Maintenance Record 1  Date Serviced by Ser						e.g.: PARAM#		
Maintenance Record 1  Date Serviced by Ser	Comments							
SENDS, S. — the GPS working time when ACC is OFF:   SOS: 1598/073041; — SOS insurbers, maximum 3 SOS numbers can be set and used for alam and monitoring;   Comments								
Maintenance Record 1  Date Serviced by  Product Model  Fault Descriptions  Fault Descriptions  Comments  Fault Descriptions  Comments  SoS: 16942703401;—9.905 numbers, maximum 3 SOS numbers can be set and monitoring; Center Number: 15942703401;—only 1 center number can be set and used for calking off resistoring oil command; and used for calking oil command; Center Number: 15942703401;—only 1 center number can be set and used for calking oil command; and used for calking of information on the fields. Section of the set of the fields of the fields of the fields of the fields of the field oil calking oil command; and the fields of the fields of t								
## Accessories:    Davide								
Date   Service by	Maintenance Re	ecord 1						· ·
Product Model  Product Model  MEI Number  MEI Number  Fault Descriptions  Commants  Text Descriptions  Commants  Text Descriptions  1. Accessories:  Device  Power cord  Power status   GPS LED indicator  Power status  GPS LED indicator  Po	<b>5</b> .		Completed by					0.
Billist   Bill	Date		Serviced by			and used for cutting off /restoring	ng oil d	command;
Defense time: 10; — the defense delay is 10 minute; TimeZone E.B.; — set time zone, default as EB. The replied information contains IMEI number, GPS data uploading interval, SENDS, SOS, centre rumber, sensorset time interval, defense time and time zone.  5.9 Check GPRS parameters SXS command format: GPRSSET# Reply message: GPRSSET# Reply me							t 5 vib	rations in 10s; the alarm delay is
Image: Applications	Product Model					,	ا داد م	avia 10 minutar
The replied information contains IMEI number, GPS data uploading interval, SENDS, SQS, careful rumber, sensorset time interval, defense time and time zone.    Fault Descriptions			+					
Fault Descriptions  Fault Descriptions  Comments  Comments  Comments  1. Accessories:  Device  Power cord  Relay  Microphone  SOS alarm cable & button  User Manual  2. Specifications  Dimension  Weight  960  Backup Battery  450mAh / 3.7V  Operation Temperature  2. Specifications  Dimension  Weight  960  Backup Battery  450mAh / 3.7V  Operation Temperature  2. Specifications  CSMI Frequencies  850/900/1800/1900 MHz  GPPS  Closs 12  GPPS Connel  Codd Start <38s  My device  Power cord  SoS interface  GPS Sensitivity  159dBm  Acquisition Sensitivity  144dBm  Possition Accuracy  Interface  GPS Sensitivity  145dBm  Acquisition Sensitivity  145dBm  Acquisition Sensitivity  TFF (Open Sky)  Weight  GPS Sensitivity  145dBm  Acquisition Sensitivity  145dBm  Acquisition Sensitivity  TFF (Open Sky)  Weight  GPS LED Indicator  Fower startus  GPS LED Indicato	IMEI Ni						,	
5.9 Check GPRS parameters SMS command format: GPRSSET# Eg: GPRSSET# Eg: GPRSSET# Reply message: GPRS.ON	IMEI Number					•		
Comments  1. Accessories:  Device  > Device  > Power cord  > Relay  > Microphone  > SOS alarm cable & button  > User Manual  2. Specifications  Dimension    106(L) x 54(W) x 16(H) mm   Weight   96g   Backup Battery   450mAh / 3.7V    Operation fremperature   25C-80°C    Hurndity   5%-95%   Standby Time   60 hours   60M Frequencies   850900/1800/1900 MHz   GPPS Gensitivity   -158dBm   Acquisition Sensitivity   -144dBm   Position Accurate   106(L) x 54(W) x 16(H) mm   Weight   96g   60M   96g			+				_	
Comments  1. Accessories:  Device  > Device  > Power cord  > Relay  > Microphone  > SOS alarm cable & button  > User Manual  2. Specifications  Dimension    106(L) x 54(W) x 16(H) mm   Weight   96g   Backup Battery   450mAh / 3.7V    Operation fremperature   25C-80°C    Hurndity   5%-95%   Standby Time   60 hours   60M Frequencies   850900/1800/1900 MHz   GPPS Gensitivity   -158dBm   Acquisition Sensitivity   -144dBm   Position Accurate   106(L) x 54(W) x 16(H) mm   Weight   96g   60M   96g	Fault Description	s				5 0 0h I- ODDO		
### Comments    Fig. GPRSSET# Reply message: GPRS:ON Currently use APN:,;;	·					•		
Reply message: GPRS.ON //GPRS on/off status// Currently use APN:;  ///APN setting information//   3. My device  **Power cord							SSET	#
### Company of the property of	Comments					•		
T. Accessories:  Device Power cord Relay Microphone SOS alarm cable & button User Manual  2. Specifications  Dimension Weight 96g Backup Battery 450mAh / 3.7V Operation Temperature Position Accuracy Humidity 5% - 95% Standby Time 60 hours GSM Frequencies 850900 / 18000/1900 MHz GPRS Class 12 GPS Channel 20 GPS Sensitivity - 144dBm Position Accuracy 10m Cold Start. < 38s TTFF (Open Sky) Warm Start. < 15s Hof Start. < 2s GSM/GPS Antenna LED Indicator Cold Start. < 3s South Hof Start. < 2s GSM/GPS Antenna LED Indicator Speeding Alarm Report When speeds higher than the pre-set value Non-movement Detection Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report  Take Water Start Star							IIG.	SPRS on/off status//
1. Accessories:  Device  Power cord  Relay  Microphone  SOS alarm cable & button  User Manual  2. Specifications  Dimension  Dimension  106(L) x 54(W) x 16(H) mm  Weight  96g  Backup Battery  450mAh / 3.7V  Operation Temperature  -25 C - 60°C  Humidity  5% - 95%  Standby Time  60 hours  GSM Frequencies  850/990/1800/1900 MHz  GPS Class 12  GPS Channel  20  GPS Sensitivity  -144dBm  Position Accuracy  10m  Cold Start: <38s  Hot Start <25s  Hot Start <25s  Hot Start <25s  GSM/GPS Antenna  Built-in design  EID Indicator  Data Transmit  TCP; SMS  Speeding Alarm  Report when speeds higher than the pre-set value  Non-movement Detection  Movement alarm based on built-in 3D motion sensor:  Sild area  Solid blue  GPS (Iss)  GSM LED Indicator - Green  Quick flashing (flash 0.1s every 2s)  Receive GSM initializing  Solid preen  QCM Each indicator - GSM initializing  GSM LED Indicator - Green  Quick flashing (flash 0.1s every 2s)  Solid area  Quick flashing (flash 0.1s every 2s)  Receive GSM signal normally  Slow flashing (flash 0.1s every 2s)  Solid green  Connected to GSM network								
Device Power cord Relay Microphone SOS alarm cable & button User Manual  Dimension  108(L) x 54(W) x 16(H) mm Weight 986 Backup Battery 450mAh / 3.7V Operation Temperature 1-25°C-60°C Humidity 5%-95% Standby Time 60 hours GSM Frequencies 850/900/1800/1900 MHz GPRS Class 12 GPS Channel 20 GPS Sensitivity -159dBm Acquisition Sensitivity -144dBm Position Accuracy 10m Cold Start: <38s Warm Start: <15s Hot Start: <2s Hot Start: <2s Hot Start: <2s GSM/GPS Antenna LED Indicator GSM-Green, GPS-blue, Power-red Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value Low Power Alarm Non-movement Detection Movement alarm based on built-in 3D motion sensor Mileage Report Track by time/distance interval						,,,		3
> Device > Power cord > Relay > Microphone > SOS alarm cable & button  User Manual     Dimension	1. Accesso	ries:				3. My device		
Power cord Relay Microphone SOS alarm cable & button User Manual  Dimension Weight 96g Backup Battery 450mAh / 3,7V Operation Temperature 2,2°C-60°C Humidity 5%-95% Standby Time 60 hours GSM Frequencies 850/990/1800/1900 MHz GPS Class 12 GPS Channel 20 GPS Channel 20 GPS Sensitivity -159dBm Acquisition Sensitivity Position Accuracy 10m Cold Start: <38s Hori Start: <15s Hot Start: <15s Hot Start: <25s Hot Start:	► Device					•		<b>□</b> ∺
Microphone SOS alarm cable & button User Manual  Dimension Weight 96g Backup Battery 450mAh / 3.7V Operation Temperature 2.25°C-60°C Humidity 5%-95% Standby Time 60 hours GSM Frequencies 850/900/1800/1900 MHz GPS Channel 20 GPS Channel 20 GPS Sensitivity -159dBm Acquisition Sensitivity Position Accuracy 10m Cold Start: <38s HTFF (Open Sky) Warm Start: <15s Hot Start: <2s Hot Start: <3s Hot Start: <2s Hot Start: <3s Sult-in design LED Indicator Data Transmit TCP, SMS  Speeding Alarm Pre-set Value Low Power Alarm Alarm when backup battery is running out Non-movement Detection Micage Report  Movement alarm based on built-in 3D motion sensor  Time to butteriace  Power interface (Petroliselectric) ACC metrace interface) ACC metrace  Power interface  Power interface (Petroliselectric) ACC metrace  Power interface (Petroliselectric) ACC metrace  Interface  Power interface (Petroliselectric) ACC metrace interface  Power interface (Petroliselectric) ACC metrace interface  Power interface (Petroliselectric) ACC metrace interface  Power interface (Petroliselectric) ACC metrace interface  Power interface (Petroliselectric) ACC metrace interface  Power interface (Petroliselectric) ACC metrace interface  Power interface  Power interface  Power interface  Power interface  Power interface  Power interface  AC metrace  Power interface  AC metrace  Interface  Power interface  AC metrace  Power interface  Power interface  AC metrace  AC metrace  Power interface  AC metrace  Power interface  AC metrace  A								Щ OFF
> Microphone > SOS alarm cable & button > User Manual  Dimension							Pov	ver interface (Petrol/electricity) ACC interface
Dimension   106(L) x 54(W) x 16(H) mm   Weight   96g   Backup Battery   450mAh / 3.7V   Operation Temperature   -25°C-90°C   Humidity   5% - 95%   Standby Time   60 hours   GSM Frequencies   850/900/1800/1900 MHz   GPS Class 12   GPS Channel   20   GPS Sensitivity   -159dBm   Acquisition Sensitivity   -159dBm   Acqu								interface
2. Specifications  Dimension			.011					
Dimension 106(L) x 54(W) x 16(H) mm  Weight 96g  Backup Battery 450mAh / 3.7V  Operation Temperature -25°C-60°C  Humidity 5% -95%  Standby Time 60 hours  GSM Frequencies 850/900/1800/1900 MHz  GPRS Class 12  GPS Channel 20  GPS Sensitivity -159dBm  Acquisition Sensitivity -159dBm  Acquisition Sensitivity -159dBm  Cold Start: <38s  TTFF (Open Sky) Warm Start: <15s  Hot Start: <2s  GSM/GPS Antenna Built-in design  LED Indicator GSM-green, GPS-blue, Power-red  Data Transmit TCP, SMS  Geo-fence View any existing Geo-fence in the map  Speeding Alarm Per-set value  Low Power Alarm Alarm when backup battery is running out  Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  Solid green Connected to GSM network							7	0110
Dimension 106(L) x 54(W) x 16(H) mm  Weight 96g  Backup Battery 450mAh / 3.7V  Operation Temperature -25°C-60°C  Humidity 5% -95%  Standby Time 60 hours  GSM Frequencies 850/900/1800/1900 MHz  GPRS Class 12  GPS Channel 20  GPS Sensitivity -159dBm  Acquisition Sensitivity -159dBm  Acquisition Sensitivity -159dBm  Cold Start: <38s  TTFF (Open Sky) Warm Start: <15s  Hot Start: <2s  GSM/GPS Antenna Built-in design  LED Indicator GSM-green, GPS-blue, Power-red  Data Transmit TCP, SMS  Geo-fence View any existing Geo-fence in the map  Speeding Alarm Per-set value  Low Power Alarm Alarm when backup battery is running out  Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  Solid green Connected to GSM network						Power on/off		0010
Weight 96g  Backup Battery 450mAh / 3.7V Operation Temperature -2°C-60°C Humidity 5% -95% Standby Time 60 hours GSM Frequencies 850/900/1800/1900 MHz GPRS Class 12 GPS Channel 20 GPS Sensitivity -159dBm Acquisition Sensitivity -144dBm Position Accuracy 10m Cold Start: <38s Hot Start: <15s Hot Start: <2s GSM/GPS Antenna Built-in design LED Indicator GSM-green, GPS-blue, Power-red Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value Low Power Alarm Alarm when backup battery is running out Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  Mileage Report Connected to GSM network  Acquisition Sensitivity -159dBm  GPS LED Indicator - Blue Flashing (interval 0.1s) Searching GPS signal  GSM LED Indicator - Green Quick flashing (interval 0.1s) GSM initializing  GSM LED Indicator - Green  Quick flashing (interval 0.1s) GSM initializing  Slow flashing (flash 0.1s every 2s) Receive GSM signal normally  Solid green Connected to GSM network	2. Specific	ations				SIM card slot		Data interface
Weight   96g     Backup Battery   450mAh / 3.7V     Operation Temperature   -25°C-60°C     Humidity   5% - 95%     Standby Time   60 hours     GSM Frequencies   850/900/1800/1900 MHz     GPS Class 12     GPS Channel   20     GPS Sensitivity   -159dBm     Acquisition Sensitivity   -144dBm     Position Accuracy   10m     TIFF (Open Sky)   Warm Start: <15s     Hot Start: <2s     GSM/GPS Antenna   Built-in design     LED Indicator   GSM-green, GPS-blue, Power-red     Data Transmit   TCP, SMS     Geo-fence   View any existing Geo-fence in the map     Speeding Alarm   Report when speeds higher than the pre-set value     Low Power Alarm   Alarm when backup battery is running out     Non-movement Detection   Movement alarm based on built-in 3D motion sensor     Mileage Report   Track by time/distance interval     Solid green   Connected to GSM network	Dimension	106	(L) x 54(W) x 16(H)	mm				
Deration Temperature	,							
Humidity 5% -95% Standby Time 60 hours GSM Frequencies 850/900/1800/1900 MHz GPRS Class 12 GPS Channel 20 GPS Sensitivity -159dBm Acquisition Sensitivity -14ddBm Position Accuracy 10m Cold Start: <38s Warm Start: <15s Hot Start: <2s GSM/GPS Antenna Built-in design LED Indicator GSM-green, GPS-blue, Power-red Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value Low Power Alarm Alarm when backup battery is running out Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  POSM LED Indicator - GSM LED indicator GSM LED Indicator - Blue Flashing (interval 0.1s) Searching GPS signal Solid blue GPS fix OFF No GPS fix or initializing Slow flashing (interval 0.1s) GSM initializing Slow flashing (flash 0.1s every 2s) Receive GSM signal normally Solid green Connected to GSM petwork								
Standby Time 60 hours  GSM Frequencies 850/900/1800/1900 MHz  GPRS Class 12  GPS Channel 20  GPS Sensitivity -159dBm  Acquisition Sensitivity -144dBm  Position Accuracy 10m  Cold Start: <38s  Warm Start: <15s Hot Start: <2s  GSM/GPS Antenna Built-in design  LED Indicator GSM-green, GPS-blue, Power-red  Data Transmit TCP, SMS  Geo-fence View any existing Geo-fence in the map  Speeding Alarm Report when speeds higher than the pre-set value  Low Power Alarm Alarm when backup battery is running out  Non-movement Detection  Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  Final								
GSM Frequencies 850/900/1800/1900 MHz GPRS Class 12 GPS Channel 20 GPS Sensitivity -159dBm Acquisition Sensitivity -144dBm Position Accuracy 10m Cold Start: <38s Hot Start: <15s Hot Start: <2s GSM/GPS Antenna Built-in design LED Indicator GSM-green, GPS-blue, Power-red Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value  Low Power Alarm Alarm when backup battery is running out Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  Solid green  GSM LED Indicator — GSM LED indicator GPS LED Indicator — GSM LED indicator Fosm LED Indicator — GSM LED indicator GPS LED Indicator — Blue Flashing (interval 0.1s) Searching GPS signal Solid blue GPS fix OFF No GPS fix or initializing  GSM LED Indicator — Green Quick flashing (interval 0.1s) GSM initializing Slow flashing (flash 0.1s every 2s) Receive GSM signal normally Solid green Connected to GSM petwork								
GPRS Class 12 GPS Channel 20 GPS Sensitivity -159dBm Acquisition Sensitivity -144dBm Position Accuracy 10m Cold Start: <38s TTFF (Open Sky)  Warm Start: <15s Hot Start: <2s GSM/GPS Antenna Built-in design LED Indicator GSM-green, GPS-blue, Power-red Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value  Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  Solid green  Connected to GSM petwork  GPS LED indicator GSM LED indicator Power status  GPS LED indicator - Blue Flashing (interval 0.1s) Searching GPS signal Solid blue GPS fix OFF No GPS fix or initializing  GSM LED Indicator - Green Quick flashing (interval 0.1s) GSM initializing Slow flashing (flash 0.1s every 2s) Receive GSM signal normally Solid green Connected to GSM petwork				lz				
GPS Channel 20 GPS Sensitivity -159dBm Acquisition Sensitivity -144dBm Position Accuracy 10m Cold Start: <38s Warm Start: <15s Hot Start: <2s Built-in design LED Indicator GSM-green, GPS-blue, Power-red Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value Non-movement Detection Non-movement Detection Mileage Report Track by time/distance interval  POS LED Indicator GSM LED indicator GSM LED Indicator - GSM LED indicator GSM LED Indicator - GSM LED indicator Flow Power status  GPS LED Indicator - Blue Flashing (interval 0.1s) Searching GPS signal Solid blue GPS fix OFF No GPS fix or initializing  GSM LED Indicator - Green Quick flashing (interval 0.1s) GSM initializing Slow flashing (flash 0.1s every 2s) Receive GSM signal normally Solid green Connected to GSM petwork	GPRS					4.5		Vil
Acquisition Sensitivity -144dBm  Position Accuracy 10m  Cold Start: <38s Warm Start: <15s Hot Start: <22s GSM/GPS Antenna Built-in design LED Indicator GSM-green, GPS-blue, Power-red Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value  Low Power Alarm Alarm when backup battery is running out Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  GPS LED indicator GSM LED indicator  GSM LED Indicator - Blue Flashing (interval 0.1s) Searching GPS signal  Solid blue GPS fix  OFF No GPS fix or initializing  GSM LED Indicator - Green  Quick flashing (interval 0.1s) GSM initializing  Slow flashing (flash 0.1s every 2s) Receive GSM signal normally  Solid green Connected to GSM petwork						0		0
Position Accuracy 10m  Cold Start: <38s Warm Start: <15s Hot Start: <2s  GSM/GPS Antenna Built-in design LED Indicator GSM-green, GPS-blue, Power-red Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value  Low Power Alarm Alarm when backup battery is running out Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  Solid green  GSM LED Indicator - Blue Flashing (interval 0.1s) Searching GPS signal Solid blue GPS fix OFF No GPS fix or initializing  GSM LED Indicator - Green Quick flashing (interval 0.1s) GSM initializing Slow flashing (flash 0.1s every 2s) Receive GSM signal normally Solid green Connected to GSM petwork								
Cold Start: <38s Warm Start: <15s Hot Start: <2s GSM/GPS Antenna Built-in design LED Indicator GSM-green, GPS-blue, Power-red Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value  Low Power Alarm Alarm when backup battery is running out Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval						GPS LED indicator ←		→ GSM LED indicator
TTFF (Open Sky)  Warm Start: <15s Hot Start: <2s  GSM/GPS Antenna Built-in design LED Indicator GSM-green, GPS-blue, Power-red Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value  Low Power Alarm Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report  Warm Start: <15s Hot Start: <2s  GPS LED Indicator - Blue Flashing (interval 0.1s) Searching GPS signal Solid blue GPS fix OFF No GPS fix or initializing  GSM LED Indicator - Green Quick flashing (interval 0.1s) Slow flashing (interval 0.1s) Slow flashing (flash 0.1s every 2s) Receive GSM signal normally Solid green Connected to GSM network	. osition Accuracy					Pov	vers	tatus
Hot Start: <2s  GSM/GPS Antenna Built-in design  LED Indicator GSM-green, GPS-blue, Power-red Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value  Low Power Alarm Alarm when backup battery is running out Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  Model Start: <2s  GPS LED Indicator − Blue  Flashing (interval 0.1s) Searching GPS signal  Solid blue GPS fix  OFF No GPS fix or initializing  GSM LED Indicator − Green  Quick flashing (interval 0.1s) GSM initializing  Slow flashing (flash 0.1s every 2s) Receive GSM signal normally  Solid green Connected to GSM network	TTFF (Open Sky							
EED Indicator   GSM-green, GPS-blue, Power-red     Data Transmit   TCP, SMS     Geo-fence   View any existing Geo-fence in the map     Speeding Alarm   Report when speeds higher than the pre-set value     Low Power Alarm   Alarm when backup battery is running out     Non-movement Detection   Movement alarm based on built-in 3D motion sensor     Mileage Report   Track by time/distance interval     Flashing (interval 0.1s)   Searching GPS signal     Solid blue   GPS fix     OFF   No GPS fix or initializing     GSM LED Indicator - Green     Quick flashing (interval 0.1s)   GSM initializing     Slow flashing (flash 0.1s every 2s)   Receive GSM signal normally     Solid green   Connected to GSM network		Hot	Start: <2s			0001501.41 / 51		
Data Transmit TCP, SMS Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value  Low Power Alarm Alarm when backup battery is running out Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  Solid blue OFF No GPS fix OFF No GPS fix or initializing  GSM LED Indicator - Green Quick flashing (interval 0.1s) Slow flashing (flash 0.1s every 2s) Receive GSM signal normally Solid green Connected to GSM network								
Geo-fence View any existing Geo-fence in the map Speeding Alarm Report when speeds higher than the pre-set value  Low Power Alarm Alarm when backup battery is running out Non-movement Detection Sensor  Mileage Report Track by time/distance interval  View any existing Geo-fence in the map OFF No GPS fix or initializing  OFF No GPS fix or initializing  OFF SIX  OFF No GPS fix or initializing  SIM LED Indicator - Green Quick flashing (interval 0.1s) GSM initializing  Slow flashing (flash 0.1s every 2s) Receive GSM signal normally Solid green Connected to GSM network				ower-red		Flashing (interval 0.1s)		Searching GPS signal
Speeding Alarm Report when speeds higher than the pre-set value  Low Power Alarm Alarm when backup battery is running out Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report Track by time/distance interval  OFF No GPS fix or initializing  GSM LED Indicator - Green Quick flashing (interval 0.1s) Slow flashing (flash 0.1s every 2s) Receive GSM signal normally Solid green Connected to GSM network			•	nce in the man		Solid blue		GPS fix
Low Power Alarm  Non-movement Detection  Mileage Report  Alarm when backup battery is running out  Movement alarm based on built-in 3D motion sensor  Mileage Report  Track by time/distance interval  Pre-set value  GSM LED Indicator - Green  Quick flashing (interval 0.1s)  Slow flashing (flash 0.1s every 2s)  Receive GSM signal normally  Solid green  Connected to GSM network		Por				OFF		No GPS fix or initializing
Non-movement Detection Movement alarm based on built-in 3D motion sensor  Mileage Report  Track by time/distance interval  Alarm when based on built-in 3D motion sensor  Quick flashing (interval 0.1s)  Slow flashing (flash 0.1s every 2s)  Receive GSM signal normally  Solid green  Connected to GSM network	Speeding Alarm			g (1101)		00M1ED: " / -		
Non-movement Detection sensor sensor Slow flashing (flash 0.1s every 2s) Receive GSM signal normally  Mileage Report Track by time/distance interval Solid green Connected to GSM network	Low Power Alarr	m Alai	rm when backup bat	tery is running out			1	00111 111 111 1
Mileage Report Track by time/distance interval Solid green Connected to GSM network	Non-movement D			n built-in 3D motion		- '		•
I Solid green I Connected to GSM network		sens				Slow flashing (flash 0.1s ever	y 2s)	Receive GSM signal normally
				erval				

5.7 Delete the center number

SMS command format: "FACTORY? factory value. Once received "OK", it	to set all parameter to default
Power Status - Red	
Flashing (interval 0.1s)	Low battery
Slow flashing (interval 0.2s)	Full charge
Slow flashing (flash 0.1s every 2s)	Normal operating
Solid Red	Charging
OFF	Low battery/Power off
Ignition detection indication: th turns flashing.  4. Getting Started Please follow below instruction and correct use.  4.1 Install the SIM card Place the SIM card into the devifacing down.  Note:	ctions for ensuring safe
Make sure there is enough cre will be using the GPRS function attention to the current SIM ca	on, you should pay
4.2 Install the device You need to choose somewhere Installation please refers to belo Important This side MUST towards the sky	ow picture.

Server:1,egt06.szdatasource.com,8841,0; //platform information//

URL:http://maps.google.com/maps?q=; //preset web link setting

The default sending interval is 10,10. It means when ACC ON ,the

device will upload positioning data to platform server every 10s.when

ACC OFF ,the device will upload positioning data to platform server

t means when ACC ON ,the device will upload positioning data to

platform server every 10s.when ACC OFF, the device will upload

When the vehicle power is off and ACC is in low-level, if ACC is off

vibration alarm system. If the vehicle battery is still not on (ACC is in

SMS format: "DEFENSE,TIME(minutes)#" The time ranges from 1

For example: DEFENSE,15#. It means when ACC is in low level for

1. Preset SOS numbers when send SMS alarm messages and

over 10 minutes, the device will enter sensor alarm state. In this

case, if the vehicle vibrates for a few times, it will activate the

low level) after 3 minutes, the device will start vibration alarm.

15mins, it will enter sensor alarm status (vehicle power is off)

2. If there is no need for vibration alarm, please SMS

SENALM.OFF# to close it.

5.12 Restore to factory setting

5.10 GPS data uploading interval

Users can modify sending interval by SMS

The time1&time2 ranges from 10-18000s

positioning data to platform server every 20s.

5.11 Sensor alarm time setting

For example:TIMER.10.20#

every 10s.

to 60 mins

No GSM signal

0740,DateTime:10-11-23 22:28:51
1.2 SMS "URL#", to the SIM number of device. The device will send a location Google Map link. If the device does not search any information of location, it will send "No data" to he cell phone.  Example: CDate Time: 10-11-23 23:42:51> http://maps.google.com/maps?q=N22.571490,E113.877103
2. Via platform
NOTE: 1. Any high power devices such as reversing radar, anti- heft device or communication equipment would affect the signal of the device.
2. All metallic cases of the windshield will attenuate the signal on the tracking device. It's simply due to the shielding effects of the metal compound of the case.
Under front windshield Under front windshield  Around dashboard
4.3 Wiring configuration
1 Keypad 2 Keypad 3 MIC- 4 MIC+ 5 TX 6 RX 7 GND 8 MOTOR 10 V- 11 V+

5.13 Reboot device

device to reboot the device

6. Operation of device

Power off: Just turn off the power switch.

can upload data to server every 10 seconds.

location, it will send "No data" to the cell phone.

.0740.DateTime:10-11-23 22:28:51

6.1 Power on/ Power off

The format is: RESET#

6.2 Check location

1. Via SMS

When there is something wrong with the link of GPRS, e.g., The

parameter setting of the device is correct, but you can't track the car

on the platform. At this moment you can send a command to the

After receiving this command, the device will reboot after 1mins.

Power on: Once insert a valid SIM card and connect all the wires.

searching process, GSM and GPS LED will flash. Once GPS LED

keeps solid light, it means the device has been located and it starts

turn on the device, then Power LED will flash first, During signal

The device will begin to upload positioning data to server once

inserting a valid SIM card and power on. During the working time, it

1.1 SMS "WHERE#", to the SIM number of device. The device

will send a location message automatically. You can get the

coordinates. If the device does not search any information of

Lat:N22.571285,Lon:E113.877115,Course:42.20,Speed:

6.6 Vibration alarm The vibration alarm function is off by default. To activate this function,				Send oil cut-off command on platform. To make sure the security of vehicle, tracker can only indicate to cut off oil when GPS is in valid position status, and the speed is less than 20KM/H or in static.
Line No.	Specification	Color	Description	4.4 Device wiring diagram
1. 2	Keypod	Orange/Orange	Connect to SOS button	
3.4	MIC-,MIC+	Black/ Red	Connect to Microphone	
5	TX	Green	Sending data (TX)/backup	<b>±</b>
6	RX	White	Receiving data (RX)/backup	
7	GND	Black	Ground wire	
8	MOTOR	Yellow	Connect to relay control line	
9	ACC	White	Connect to ACC ignition	
10	V-	Black(thick)	Negative side of 12V/24V	1A FUSE
11	V+	Red(thick)	car storage battery.	Data
Notes of the relay wiring  The relay wiring of pump: oil connectors of both ends are a fine white line (85) and a fine yellow line (86). The fine white line (85) is connected to vehicle positive power (+12V). The fine yellow line is connected to the device relay control line. Cut off the positive connection line of the pump; then connect in series to the relay N.C. contact (thick green line 87a) and the other end to relay COM contact (thick green line 30).			v line (86). The fine white sitive power (+12V). The device relay control line. of the pump; then connect thick green line 87a) and	Interface  Interface    12V or 24V   Storage battery

Go to the platform website offered by dealers to check your

In emergent case, press SOS for 3s to activate SOS alarm. Then the

device will send SOS SMS to preset specific numbers and then dial

the numbers in circles until the call is picked up. At the meantime, the

Note: The specific numbers should be preset, just refer to 5.4

When the electricity supply of device is cut off, it will activate cut-off

alarm. In this case, the device will send related SMS to the specific

just keeps 3 loops at most. At the meantime, the device will upload

Note: The specific numbers should be preset, just refer to 5.4

voltage of battery is less than 3.7V, device will send low battery alarm

Low battery alarm sms content example: "Attention!!!battery too low,

Note: The specific numbers should be preset, just refer to 5.4

please charge." Which means the battery is to low, to inform user

http://maps.google.com/maps?q=N22576713,E113.916585

When the device is only working with battery, once the internal

numbers and dial the numbers in circles. If nobody answers, the call

device will upload SOS alarm data to the server. And it will send:

http://maps.google.com/maps?q=N22576713,E113.916585

SOS Alarm! < DateTime: 11-06-17 14: 53: 06>,

SOS alarm data to the server. And it will send:

sms to specific number and alarm on platform.

Cut Power! <Date Time:11-06-17 14: 53: 06>,

vehicle location.

6.3 SOS alarm

6.4 Wire cut-off alarm

6.5 Low battery alarm

charging it in time.

unction,	position status, and the speed is less than 20KM/H or in static.
	4.4 Device wiring diagram
itton	
none	
ackup	<b>=</b>
backup	
rol line	
nition	
re a white The line. and	Data Interface    1A FUSE   Storage   Storage   White line   ON START   SOS button   SOS button   Connect to microphone   Pump   Pump
	Please choose the right relay (12V-standard / 24\ optional) for the proper installation.

please send the following command: SENALM, ON#. The alarm will

When vehicle power is off, ACC status is low, and if the lead time of

low ACC is more than 10 minutes (settable), device will activate

vibrates for several times, the alarm will be activated; in the next 3

start alarm. At this time, it will send alarm message to the service

the Chinese address. Then the terminal will send vibration alarm

minutes, if vehicle power is still off (ACC status is low), device will

platform with the latitude and longitude, while the platform will reply

message to SOS numbers with the Chinese address, and call the

SOS numbers in cycle. If nobody answers, it will stop calling after 3

If the Chinese address can not be acquired for certain reason, the

terminal will send a message with the website link to the SOS

http://maps.google.com/maps?q=N22576713,E113.916585

2.Send "SENALM, OFF#" to turn off the vibration alarm.

When the special number cell phone dial device, ringing for 10

monitoring the sound in vehicle. Incoming call from non special

Note:To realize this function, please set special number

The SIM card put into the device should be equipped with

seconds, it will enter voice monitoring status. At this time, caller can

Note: 1.The SOS numbers should be preset.

number will not activate voice monitoring function.

e.g.:Sensor Alarm! <11-23 14:53>,

6.8 Oil cut-off

1. Via platform

security alarm. When the security alarm is on, once the vehicle

be sent to both the service platform and SOS numbers.

	only manufacturer-specified original device. The red line is positive while the black one is negative (the side should not be connect with ground wire).
	2. The ACC line (white) connects to ACC switch of the vehicle. Please be sure to connect the ACC line; otherwise the device will enter ignition detection status when disconnect the ACC line. If you don't need to anti-theft temporarily, just connect the ACC line to the positive side in parallel.
	Tele-cutoff (petrol/ electricity) control line (yellow) is connected to pin 86 of the Tele-cutoff (petrol/ electricity) relay (equal to the yellow line of the relay socket).
SE fuse box	USB cable (3 pin)     Firmware updating interface/expanded function to reserve space.
4V 🖯 🕀	5. MIC line (2 pin) Externally connect to microphone for voice monitoring function.
Storage battery ON START	6. SOS line (2 pin) Externally connect to SOS switch for SOS function.
FF Ignition key	5. Quick Operation Instructions
	Operation Tips: To properly use the device, common parameters should be set before initial use. This can be done by using the parameter editor or by sending SMS commands to the device. ("." should be English comma and no space before and after the comma)
Pump	5.1 APN setting
andard / 24V-	To ensure GPRS is activated, please make sure APN is correct. You can send SMS command to set APN:

Platform account password is needed when sending oil cut off

Firstly, you should set a center number. Please refer to 6.6.Only

center number can send the command to the device to cut off and

After the command is carried out, it will reply "Cut off the fuel supply:

Note: To ensure the safety of the driver and the car, this command is valid only under two conditions: the GPS is located; the speed is less than 20km/h

When the alarm is off, sending recover oil commands manually.

Platform account password is needed when sending oil cut off

After the command is carried out, it will receive "Restore fuel

Device will restore oil supplying, and vehicle will work normally again.

Only center number can send the command to the device to restore

When the car is moving over a limited speed in average in a limited

time period, then the device will send over speed alarm SMS to user.

Mode:0/1. default:1 way of alarming,0 means GPRS only,1 means

4.5 Power/ACC/Tele-cutoff(petrol/electricity) control

1. Your device comes with a power cord and is designed to use

To turn on the over speed function, please send below SMS

Success! Speed:0 Km/h". If the command didn't carry out, it will reply

Via SMS

The format is: RELAY.1#

6.9 Restoring Oil

The format is: RELAY.0

6.10 Over speed Alarm

Speed alarm switch:ON/OFF default:OFF

Time range (seconds):5-600s(default as 20s)

Limited speed range(km/h):1-255km/h, default:100

supply:Success!"

command: SPE

SMS+GPRS

line (4 pin)

1. Via platform

2. Via SMS

the reason about fail to carry out.

restore oil.

GPRS OFF: GPRSON,0# It will reply "OK" after set successfully. 5.4 Add specific number comma and

SMS command to the device to set the SOS number. SOS.A.No.1.No.2.No.3# 'A" means to add new numbers, for example

SOS,A, 13510905991,13510905992,13510905993# If there is only one SOS number, you can appoint a specific number as SOS number. And the null means no adding. SOS, A, 13510905991# means to set the first number as SOS

SOS,A,,13510905992# means to set the second number as

Example:SPEED.ON.20.100.1#

8. Trouble shooting

Fail to connect | The fuse blows

Fail to connect

Means when the car is moving over 100km/h in average in 20

7. Web based tracking online activation

The GPRS web based tracking platform allows real time tracking

with the latest Google maps. There is also a playback feature that

allows you to view where the vehicle has been for up to 30 days in

If you are having trouble with your device, try these troubleshooting

Solutions

Replace the fuse

cted Turn on ACC with key

Check SIM card

Install SIM card)

Check installation of

device (Refer to 4.2

Install the device)

service offer area

suitable voltage

Try again in a better signal

Connect with power with

Check connection with

(Refer to 4.1

Clean it

provider

Beyond GSM service area Use it in effective GSM

seconds, the device will send over speed alarm to user.

the past making it ideal for fleet management.

procedures before contacting a service professional.

ACC ignition discon

Jseless SIM

Improper installation

The voltage is unsuitable

Improper connection

APN command format: APN.APN's Name# E.g: APN,internet# ("internet" is the APN of carrier)

5.2 Server setting

Default platform is www.tracks

change the DNS or server IP:

5.3 ON/OFF GPRS

GPRS ON: GPRSON,1#

Command format:

DNS: SERVER.1, DNS, Port.0#

The device will reply "OK" if setting successfully.

E.g: SERVER,1,qpsdev.tracksolid.com,21100,0#

It will reply "OK" after set successfully.

Note: The APN of some countries have user name and password,

you may need to send SMS command as following: APN, APN

To connect to other platform, please send the SMS command to

When you want to disable GPRS, you can SMS command

to the SIM card number which used in the device.

Wrong installation of

Filth on the SIM card iron

For example: SOS.D.13527852360# means to delete the 13527852360 directly.

After deleting the SOS number, it will receive "Delete number 135XXXXXXX success! specific number total 2" for successful

you can send this command

deleting of the specific number.

5.6 Set the center number

If you want to cut off/restore oil by SMS command, you have to set a center number firstly. Only the center number can send the

cut off/restore oil command to the device. You can set your own mobile number as center number

The command for setting center number is CENTER A mobile numb

For example: CENTER, A, 15942703401# If set successfully, there is an "OK" reply message.

NOTE: Only the SOS number can be used to set center

SOS,A,...13510905993# means to set the third number as SOS

Before deleting specific number, please check its corresponding

If you want to delete more than one numbers, you can send this

If you forget serial number of the mobile number you want delete,

SOS.D.mobile number# means to delete the mobile number

SOS,D,1,3# means to delete the first and third numbers.

code. For the code, please SMS "PARAM#" to the device.

If set successfully, there is a "success" reply SMS.

SMS command to the device to delete the number.

OS.D.serial NO.1.serial NO.2.serial NO.3#

"D" means to delete the number, for example:

SOS.D.1# means to delete the first number

SOS,D,3# means to delete the third number

5.5 Delete specific number

(Version 5.4) This user manual has been specially designed to guide you through the functions and features of your GPS vehicle tracker.

SKY", place the unit upside down will result in connection Avoid placing the device somewhere that metal will be

One side of the device is marked "THIS SIDE TOWARDS

**GPS Vehicle Tracker** 

## . The warranty is valid only when the warranty card is properly completed, and upon presentation of the proof of purchase

Warranty instructions and service

consisting of original invoice indicating the date of purchase

model and serial No.of the product. We reserve the right to refuse warranty if this information has been removed or changed after the original purchase of the product from the 2. Our obligations are limited to repair of the defect or

replacement the defective part or at its discretion replacement of the product itself . Warranty repairs must be carried out by our Authorized

Service Centre. Warranty cover will be void, even if a repair has been attempted by any unauthorized service centre. Repair or replacement under the terms of this warranty does not provide right to extension or renewal of the warranty

5. The warranty is not applicable to cases other than defects in material, design and workmanship.

## Maintenance Record 1

	Date			
e 1	Product Model			
	IMEI Number			
	Fault Descriptions			