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8.1 SOS number

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9.Platform & APP

9.1 Login service platform

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After receiving this command, the device will reboot after 20 seconds

8.13 SOS

In emergent case, press SOS for 3 seconds to activate SOS alarm. Then the device will send SOS SMS to preset SOS numbers and dial the numbers in a loop for 3 times till the call picked up. Alarm message will also be sent to the platform.

8.14 Wi-Fi hotspot

Command: **HOTSPOT,S,N,P#**

S=ON/OFF Default: OFF (uppercase required)

N=Name, 20 characters, default: last four digits of IMEI

P=Password, minimum eight, default password: 11111111


9.Platform & APP


9.1 Login service platform

Please login the designated service platform to set and operate the device.

9.2 Download APP

Please download and install the APP in designated website, APP store or Google Play.





iOS

Android

After receiving this command, the device will reboot after 20 seconds

10. Warning

Battery specified by manufacturer is recommended. Maintenance or service arising from any other accessories is not guaranteed. Manufacturer assumes no responsibility for any damage caused by non-original accessories. Do not bend or open the battery. Do not immerse or burn the battery. Device dis-assembly is strongly forbidden. Nonprofessional operation may cause device damage.

11. Troubleshooting

If you are having trouble with your device, try these troubleshooting procedures before contacting a service professional.

Problems	Causes	Solutions
Poor signal	The signal waves are unable to transmit when use the GPS tracker in the places that have poor signal reception, such as: tall building around or basement.	Using the GPS tracker in the places that have good signal condition.
Unable to boot	Power switch is off Battery low No SIM card SIM card inserted incorrectly	Switch to ON charge Insert SIM card
Unable to connect to the network	Dirty things exist above the SIM card Invalid SIM card Not in GSM service area Poor signal	Clean SIM card Contact network supplier Move to service area Move to area with strong signal

Fail to locate

SIM has no access to GPRS

Contact network supplier to get GPRS service

Always reply "Address inquiry failed"

Contact supplier

Warranty instructions and service

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4. Repair or replacement under the terms of this warranty does not provide right to extension or renewal of the warranty period.


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

Maintenance Record

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CE Caution:

Use the Product in the environment with the temperature Between -10°C and 40°C; Otherwise, it may damage your product. Products can only be used below 2000m altitude For the following equipment:
Product Name: 4G Vehicle GPS Tracker
Model: JM-VL01, GV40, VL01
Brand Name: Jimi
Shenzhen Jimi IOT Co., Ltd
E-mail: gaoxingxin@concox.cn
hereby declares that this [Name: 4G Vehicle GPS Tracker, Model: JM-VL01, GV40, VL01] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
The equipment was passed. The test was performed according to the following European standards:


The full text of the EU declaration of conformity is available at the internet address:
https://www.jimilab.com/JM-VL01-CE-DoC.pdf
The product shall only be connected to a USB interface of version USB2.0 and that the connection to a power USB is allowed.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

This product is intended for sale and application in a business environment.
RED Article 10 2
-This product can be used across EU member states
RED Article 10 10
-The product is class 1 product. No restrictions
The RF distance between body and product is 5mm

Under the dash board below the front windshield;

In the parcel shelf in the rear;

In the front bumper (non-material face), make sure the device does not get wet;

Under the wiper version (non-metal), make sure the device does not get wet;

Non Covert Installation - fix the device on the dash board below windshield.


7.Wiring

1. The standard voltage is 9V-36V, the red wire is the positive, the black wire is the negative.

2. Connect the black wire to ground.

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Under front windshield

Under rear windshield

Around dashboard

8.Operations & Functions

The following operation can be achieved through the terminal platform or APP provided by the dealer.

8.1 SOS number

(1) Add SOS number via SMS command
Send SMS command: **SOS,A,number1,number2,number3 #**
(A means add number)
3 SOS numbers can be set. If set successfully, the terminal will reply "ok".
e.g. **SOS,A,13510****60,135116****6,136126****8#**
(set all 3 SOS numbers)
SOS,A,13510**60#** (set the first SOS number)
SOS,A,135116**6#** (set the second SOS number)
SOS,A,136126**8#** (set the third SOS number)
(2) Delete SOS Numbers
Send SMS command: **SOS, D,1,2,3#**
(D means delete SOS number)
e.g. **SOS, D,1#** means delete the first number
SOS, D,3# means delete the third number
If you don't know the sequence number, you can also delete the number by SMS command like this: **SOS,D,number#**
e.g. **SOS,D,13527852360#** means delete this SOS number directly.
It will reply "OK" if the number is deleted successfully.
(3) Add SOS numbers via platform
You can set SOS number via the platform or APP when device is online.

8.2 APN setting
To ensure GPRS is activated, please make sure APN is correct. You can send SMS command to set APN:
APN command format: **APN,APN's Name#**
E.g: APN,internet# ("internet" is the APN of carrier)
The device will reply "OK" if setting successfully.

NOTE: The APN of some countries have user name and password, you may need to send SMS command as following: **APN,APN name,user name,password#**

8.3 Server setting

Default platform is www.tracksolid.com
To connect to other platform, please send the SMS command to change the DNS or server IP:
DNS : **SERVER,1,DNS,Port,0#**
E.g: SERVER,1,gpsdevtracksolid.com,21100,0#
IP: **SERVER,0,IP,Port,0#**
It will reply "OK" after set successfully.

8.4 Center number

Delete center number :
CENTER,D#

8.5 Upload positioning data regularly

Command
TIMER,T1,T2#
T1: ranges from 0/5 ~ 18000 seconds, the upload interval when ACC ON
T1=0: no data uploaded
T1=5 ~ 18000 seconds (Default: T1=10)
T2: ranges from 0/5 ~ 18000 seconds, the upload interval when ACC OFF
T2=0: no data uploaded
T2=5 ~ 18000 seconds (Default: T2=0)

8.6 Arming time setting

Delay time for device entering arming state after the vehicle power is off and ACC is in low-level. In the arming state, if the vehicle vibrates for a few times, it will activate the vibration alarm system. If the vehicle battery is still not on (ACC is in low level) after 3 minutes, the device will start vibration alarm.
SMS format:
DEFENSE,TIME#
The time ranges from 1 to 60 minutes, default is 10.

NOTE:
1. Preset SOS numbers before sending SMS alarm messages and calls.

8.7 Wire cut-off alarm

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 SOS numbers and dial the numbers in circles. If nobody answers, the call just keeps 3 loops at most. At the meantime, the device will upload power cut off alarm data to the server. And it will send:
Cut off Power Alarm! -06:17 14:53-,
<http://maps.google.com/maps?q=N22576713,E113.916585>

8.8 Oil cut-off

1. via platform
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. Platform account password is needed when sending oil cut off command.

2. Via SMS
Firstly, you should set a center number. Please refer to 8.4. Only center number can send the command to the device to cut off and restore oil.
The format is: **RELAY,1#**
After the command is carried out, it will reply "RELAY-ON" if the command didn't carry out, it will reply the reason about fail to carry out.

8.9 Restoring Oil

1. Via platform
When the alarm is off, sending recover oil commands manually. Device will restore oil supplying, and vehicle will work normally again.
Platform account password is needed when sending oil cut off command.

2. Via SMS
Only center number can send the command to the device to restore oil.
The format is: **RELAY,0#**
After the command is carried out, it will receive "RELAY:OFF"

8.10 Over Speed Alarm

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.
SMS command:
SPEED,ON,Time,Limited speed,way of alarm#
Time range (Second) : 5-600s (default as 10s).
Limited speed range (km/h) : 1-255, default : 100.
Way of alarm: 0, GPRS only; 1, SMS+GPRS; default : 1.
Example: **SPEED,ON,10,120,1#**
Means when the car is moving over 120 km/h in average in 10 seconds, the device will send over speed alarm to user.

8.11 Restore to factory setting

SMS command format: **FACTORY#** to set all parameter to default factory value. Once received "FACTORY:OK!" it succeeds.

8.12 Reboot device

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 device to reboot the device. The format is: **RESET#**

After receiving this command, the device will reboot after 20 seconds

8.13 SOS

In emergent case, press SOS for 3 seconds to activate SOS alarm. Then the device will send SOS SMS to preset SOS numbers and dial the numbers in a loop for 3 times till the call picked up. Alarm message will also be sent to the platform.

8.14 Wi-Fi hotspot

Command: **HOTSPOT,S,N,P#**

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N=Name, 20 characters, default: last four digits of IMEI

P=Password, minimum eight, default password: 11111111


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9.1 Login service platform

Please login the designated service platform to set and operate the device.

9.2 Download APP

Please download and install the APP in designated website, APP store or Google Play.





iOS

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After receiving this command, the device will reboot after 20 seconds

10. Warning

Battery specified by manufacturer is recommended. Maintenance or service arising from any other accessories is not guaranteed. Manufacturer assumes no responsibility for any damage caused by non-original accessories. Do not bend or open the battery. Do not immerse or burn the battery. Device dis-assembly is strongly forbidden. Nonprofessional operation may cause device damage.

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If you are having trouble with your device, try these troubleshooting procedures before contacting a service professional.

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Unable to boot	Power switch is off Battery low No SIM card SIM card inserted incorrectly	Switch to ON charge Insert SIM card
Unable to connect to the network	Dirty things exist above the SIM card Invalid SIM card Not in GSM service area Poor signal	Clean SIM card Contact network supplier Move to service area Move to area with strong signal

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SIM has no access to GPRS

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hereby declares that this [Name: 4G Vehicle GPS Tracker, Model: JM-VL01, GV40, VL01] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
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(2) Delete SOS Numbers
Send SMS command: **SOS, D,1,2,3#**
(D means delete SOS number)
e.g. **SOS, D,1#** means delete the first number
SOS, D,3# means delete the third number
If you don't know the sequence number, you can also delete the number by SMS command like this: **SOS,D,number#**
e.g. **SOS,D,13527852360#** means delete this SOS number directly.
It will reply "OK" if the number is deleted successfully.
(3) Add SOS numbers via platform
You can set SOS number via the platform or APP when device is online.

8.2 APN setting
To ensure GPRS is activated, please make sure APN is correct. You can send SMS command to set APN:
APN command format: **APN,APN's Name#**
E.g: APN,internet# ("internet" is the APN of carrier)
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NOTE: The APN of some countries have user name and password, you may need to send SMS command as following: **APN,APN name,user name,password#**

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E.g: SERVER,1,gpsdevtracksolid.com,21100,0#
IP: **SERVER,0,IP,Port,0#**
It will reply "OK" after set successfully.

8.4 Center number

Delete center number :
CENTER,D#

8.5 Upload positioning data regularly

Command
TIMER,T1,T2#
T1: ranges from 0/5 ~ 18000 seconds, the upload interval when ACC ON
T1=0: no data uploaded
T1=5 ~ 18000 seconds (Default: T1=10)
T2: ranges from 0/5 ~ 18000 seconds, the upload interval when ACC OFF
T2=0: no data uploaded
T2=5 ~ 18000 seconds (Default: T2=0)

8.6 Arming time setting

Delay time for device entering arming state after the vehicle power is off and ACC is in low-level. In the arming state, if the vehicle vibrates for a few times, it will activate the vibration alarm system. If the vehicle battery is still not on (ACC is in low level) after 3 minutes, the device will start vibration alarm.
SMS format:
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The time ranges from 1 to 60 minutes, default is 10.

NOTE:
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2. Via SMS
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The format is: **RELAY,0#**
After the command is carried out, it will receive "RELAY:OFF"

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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.
SMS command:
SPEED,ON,Time,Limited speed,way of alarm#
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T2=0: no data uploaded
T2=5 ~ 18000 seconds (Default: T2=0)

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1. Preset SOS numbers before sending SMS alarm messages and calls.

8.7 Wire cut-off alarm

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 SOS numbers and dial the numbers in circles. If nobody answers, the call just keeps 3 loops at most. At the meantime, the device will upload power cut off alarm data to the server. And it will send:
Cut off Power Alarm! -06:17 14:53-,
<http://maps.google.com/maps?q=N22576713,E113.916585>

8.8 Oil cut-off

1. via platform
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. Platform account password is needed when sending oil cut off command.

2. Via SMS
Firstly, you should set a center number. Please refer to 8.4. Only center number can send the command to the device to cut off and restore oil.
The format is: **RELAY,1#**
After the command is carried out, it will reply "RELAY-ON" if the command didn't carry out, it will reply the reason about fail to carry out.

8.9 Restoring Oil

1. Via platform
When the alarm is off, sending recover oil commands manually. Device will restore oil supplying, and vehicle will work normally again.
Platform account password is needed when sending oil cut off command.

2. Via SMS
Only center number can send the command to the device to restore oil.
The format is: **RELAY,0#**
After the command is carried out, it will receive "RELAY:OFF"

8.10 Over Speed Alarm

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.
SMS command:
SPEED,ON,Time,Limited speed,way of alarm#
Time range (Second) : 5-600s (default as 10s).
Limited speed range (km/h) : 1-255, default : 100.
Way of alarm: 0, GPRS only; 1, SMS+GPRS; default : 1.
Example: **SPEED,ON,10,120,1#**
Means when the car is moving over 120 km/h in average in 10 seconds, the device will send over speed alarm to user.

8.11 Restore to factory setting

SMS command format: **FACTORY#** to set all parameter to default factory value. Once received "FACTORY:OK!" it succeeds.

8.12 Reboot device

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 device to reboot the device. The format is: **RESET#**

After receiving this command, the device will reboot after 20 seconds

8.13 SOS

In emergent case, press SOS for 3 seconds to activate SOS alarm. Then the device will send SOS SMS to preset SOS numbers and dial the numbers in a loop for 3 times till the call picked up. Alarm message will also be sent to the platform.

8.14 Wi-Fi hotspot

Command: **HOTSPOT,S,N,P#**

S=ON/OFF Default: OFF (uppercase required)

N=Name, 20 characters, default: last four digits of IMEI

P=Password, minimum eight, default password: 11111111


9.Platform & APP


9.1 Login service platform

Please login the designated service platform to set and operate the device.

9.2 Download APP

Please download and install the APP in designated website, APP store or Google Play.





iOS

Android

After receiving this command, the device will reboot after 20 seconds

10. Warning

Battery specified by manufacturer is recommended. Maintenance or service arising from any other accessories is not guaranteed. Manufacturer assumes no responsibility for any damage caused by non-original accessories. Do not bend or open the battery. Do not immerse or burn the battery. Device dis-assembly is strongly forbidden. Nonprofessional operation may cause device damage.

11. Troubleshooting

If you are having trouble with your device, try these troubleshooting procedures before contacting a service professional.

Problems	Causes	Solutions
Poor signal	The signal waves are unable to transmit when use the GPS tracker in the places that have poor signal reception, such as: tall building around or basement.	Using the GPS tracker in the places that have good signal condition.
Unable to boot	Power switch is off Battery low No SIM card SIM card inserted incorrectly	Switch to ON charge Insert SIM card
Unable to connect to the network	Dirty things exist above the SIM card Invalid SIM card Not in GSM service area Poor signal	Clean SIM card Contact network supplier Move to service area Move to area with strong signal

Fail to locate

SIM has no access to GPRS

Contact network supplier to get GPRS service

Always reply "Address inquiry failed"

Contact supplier

Warranty instructions and service

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

2. Our obligations are limited to repair of the defect or replacement the defective part or at its discretion replacement of the product itself.

3. 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.

4. Repair or replacement under the terms of this warranty does not provide right to extension or renewal of the warranty period.


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

Maintenance Record

Date	Serviced by	
Product Model		
IMEI Number		
Fault Descriptions		
Comments		

CE Caution:

Use the Product in the environment with the temperature Between -10°C and 40°C; Otherwise, it may damage your product. Products can only be used below 2000m altitude For the following equipment:
Product Name: 4G Vehicle GPS Tracker
Model: JM-VL01, GV40, VL01
Brand Name: Jimi
Shenzhen Jimi IOT Co., Ltd
E-mail: gaoxingxin@concox.cn
hereby declares that this [Name: 4G Vehicle GPS Tracker, Model: JM-VL01, GV40, VL01] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
The equipment was passed. The test was performed according to the following European standards:


The full text of the EU declaration of conformity is available at the internet address:
https://www.jimilab.com/JM-VL01-CE-DoC.pdf
The product shall only be connected to a USB interface of version USB2.0 and that the connection to a power