

**SEEWORLD<sup>®</sup>**

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## **Waterproof GPS Vehicle Tracker (GPS+GSM+GPRS)**

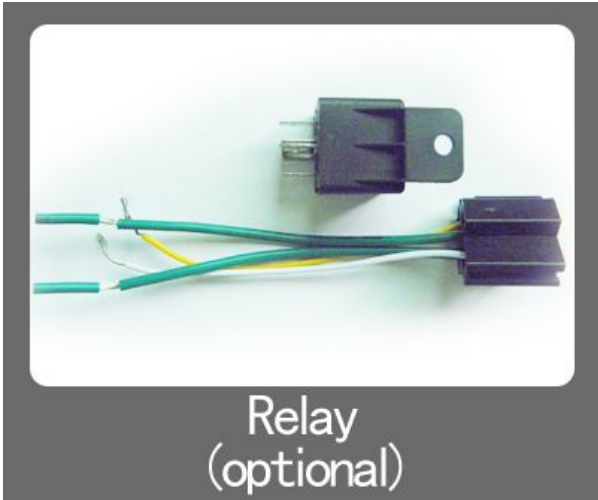
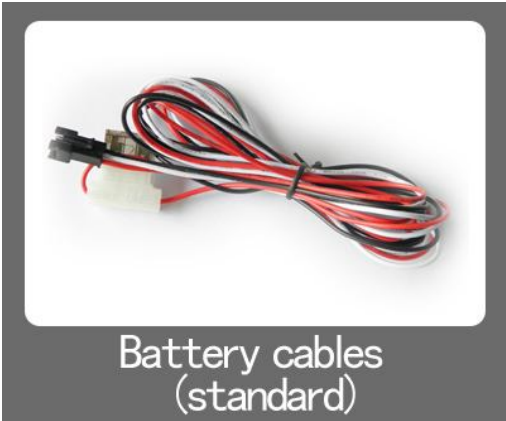
**Model:S116**

**User Manual  
(Version 1.0)**



please read this manual carefully before attempting installation and online activation. Pictures are for indication and illustration purposes only.

1. Accessories:



## 2. Specification:

2.1.GSM frequency: 850/900/1800/1900MHz

2.2. GPRS: Class12, UDP

2.3.Working Voltage: 9-24V DC

2.4. Working Current:  $\approx 22\text{mA}$  (12vDC)

2.5. Working Current:  $\approx 12\text{mA}$  (24vDC)

2.6.GPS locating time: cold start $\approx 38\text{s}$  (Open sky)

Warm start $\approx 32\text{s}$

Hot start $\approx 2\text{s}$  (Open sky)

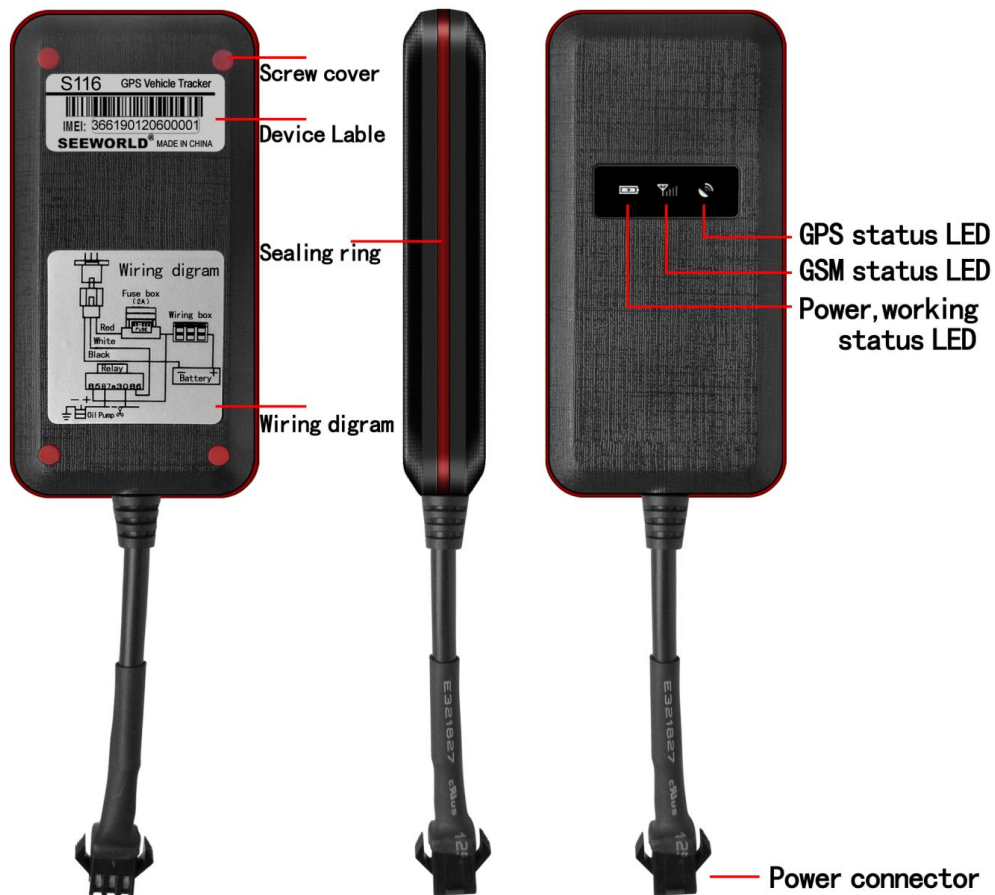
2.7.GPS precision: 10m (2D RM)

2.8.Working temperature:  $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$

2.9.Working Humidity: 20% $\sim$ 80%RH

2.10.Measurement: 87 (L)  $\times$  43 (W)  $\times$  14 (H) mm

## 3. Outlook



## 4. Device status indicators

### 4.1 left red LED (power/ working condition)

Connect DC 9-24V power supply and the red LED will light continuously.

### 4.2 Right green LED (GPS signal indicator)

The LED glistens when getting the GPS signals normally. When the LED can not light or light continuously, the GPS can not get the signals.

### 4.3 Blue LED in the Middle (GSM signal indicator)

The LED glistens when getting the GPRS data normally. When the LED can not light or light continuously, the GPS can not get the signals.

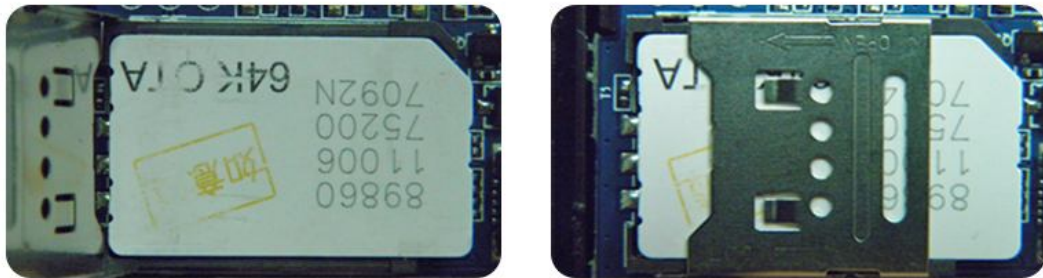
## 5. Installation

## 5.1 Preparation for the installation

5.1.1 Product Check. Open the packing box and check the device's model and accessories. If the model is wrong or the accessories not complete, please contact the dealer.

5.1.2 Choose SIM card. Please insert a SIM card to the device. Please take dealer's advice as reference.

5.1.3 SIM card installation. Discharge the cover of the device and uncover the SIM card holder. Then insert the SIM card and cover SIM card holder (as follows).



5.1.4 Put back the front cover and screw it up.

5.1.5 Connect the device to the 9-24V power supply. (the red LED constant glow)

5.1.6 Install the device in the hidden place of the car;

Note: The SIM card can not be inserted in wrong way;

The SIM card must be with GPRS function and enough deposit.

## 5.2 Installation

The GPS tracker must be installed under professional personnel.

Note:

1) Please install the device in the hidden place as followings:

Under Front windshield;

In the front instrument panel;

Under back windshield;

2) Avoid being placed with signal radiators like reverse sensor ;

3) The device has GSM antenna and GPS antenna inside. Please ensure the receiving side of the device is face up and

without metal cover.

Note: the metal cover will lessen the receiving of GPS signals.6. The device connecting requirements.

6.1 The device power supply is DC 9-24V. The red line is positive pole while the black line is negative pole.

6.2 The negative pole of power supply connects with ground or the metals. Please do not connect with other ground lines.

6.3 When finishing the power supply wire connection, please make the plug of power supply to the device.

6.4 Concealed installation.

## 7. The Device Working

7.1 Power on: when the device is power on, the red LED should be in constant glow; the green GPS LED should be glisten and the blue GSM LED should be glisten.

7.2 Power off: pull off the power plug then power off the device.

## 8. User settings

### 8.1 Set admin and authorized number

#### 8.1.1 Set and delete admin number

- Set admin number: text the commands:#password#ADM1#mobile phone number# to the device's SIM card number
- Succeed: Add admin account 1 OK! Fail: Format wrong!

For example: set 13500135000 as admin number 1.text the command:  
#8888#ADM1#13500135000#

Note: when no admin, any mobile phone number can set the device.

- Delete admin number: text the command: #password#DAD1# to the device's SIM card's number ( 1is admin number1, 2 is admin number 2)

succeed: Dele admin account 1 OK! fail: Format wrong or too long!

For example, if deleting the admin 1, pleas text the command:

#8888#DAD1#

Note: only admin can operate.

#### 8.1.2 Check the admin number

- check the admin number: text the command: #password#CKAD# to the device's SIM card number.

Succeeding reply: Admin1: mobile phone number Admin2: mobile phone number Failure reply: Format wrong!

Note: Any mobile phone number can check the admin number.

## 8.1.3 Add or delete authorized number

- add authorized number: text the command: #password#AUT1#mobile phone number# to the device's SIM card number (1 is authorized number 1, 2 is authorized number 2)

Succeeding reply: Add Authorization account 1 OK! Failure reply: Format wrong!

For example if you set 13500135000 as authorized number 1, the text command is: #8888#AUT1#13500135000#

Note: Only admin number can operate.

- Delete authorized number: text the command: #password#DAU1# to the device's SIM card number (1 is authorized number 1, 2 is authorized number 2)

Succeeding reply: Dele Auth account 1 OK! Failure reply: Format wrong!

For example, if you want to delete the authorized number 1, the text command is: #8888#DUT1#

- Note: Only admin number can operate.
- Delete all the authorized number : text the command: #password#DLAL# to the device's SIM card number

Succeeding reply: Dele all Auth number OK! Failure reply: Format wrong!

Note: only admin number can operate.

## 8.1.4 Check the authorized number

- Check the authorized number: text the command: #password#CKAU# to the device's SIM card number,

Succeeding reply : Authorization1 : mobile phone number  
Authorization2: mobile phone number Authorization3: mobile phone number  
Failure reply: Format wrong!

Note: Any number can operate.

## 8.1.5 Revise and initialize password

- Revise password : text the command: #password#CPAS#new password# to the device's SIM card number,

Succeeding reply: change password OK! Failure reply: Format wrong!  
or Don't allow to change password!

For example if you want to change the password:8888 to 2345, text the command: #8888# CPAS#2345#

Note: Only admin can operate.

- Initialize password: text the command: #password#RPAS# to the

device's SIM card number

Succeeding reply: Reset the password ,OK! Failure reply: Format wrong!

Note: Only admin can operate.

## 8.2 Obtain the longitude and latitude by mobile phone.

Obtain the longitude and latitude by mobile phone: text the

command:\*password\*LOCC# to the device's SIM card number

Succeeding reply: website、longitude and latitude、time, data, speed and so on.

Note: any mobile phone number can operate.

- Obtain the longitude and latitude by mobile phone : text the command:#password#ADRE# reply language# to the device's SIM card number reply language in Chinese: CN reply language in English: EN

Succeeding reply: the location information

Note: any mobile phone number can operate.

## 8.3 Set time zone

- Set time zone: text the command:#password#SETZ#time zone# to the device's SIM card number。

Succeeding reply: Setup Time Zone ,OK! Failure reply: Format wrong!

Note: E is eastern time zone, W is western time zone.

- Check IP and port: text the command:#password#CKIP#to the device's SIM card number

Succeeding reply: IP address and port

Note: any mobile phone number can operate.

## 8.4 Set the time interval when in static state or in moving

- Set the time interval when in static state : text the command:#password#SCUP# minutes # to the device's SIM card number

Succeeding reply: set static upload time, OK! Failure reply: Format wrong!

For example, if you want to set the time interval of static state as 3 minutes, text the command: #8888#SCUP#3#

Note: the default is 5 minutes. Only admin and authorized number can operate.



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Set the time interval when in moving state : text the command: #password#MVUP#seconds# to the device's SIM card number

Succeeding reply: set movement upload time, OK! Failure reply: Format wrong!

For example, if you want to set the time interval of moving state as 12 seconds, text the command: #8888#MVUP#12#

Note: the default is 10 seconds. Only admin and authorized number can operate.

- Cancel continuous location: text the command: #password#NOUP# to the device's SIM card number

Succeeding reply: close upload GPS information, OK! Failure reply: Format wrong!

Note: Only admin and authorized number can operate.

#### 8.5 Cut off and resume the oil circuit

- Cut off the oil circuit: text the command: #password#STOP# to the device's SIM card number,

Succeeding reply: please waiting, When speed < 20 to break the car oil, Otherwise need to speed < 20 only enter into processing! Then reply: Fuel cut has already been completed, OK!

Failure reply: Format error!

Note: Only admin and authorized number can operate.

- Resume oil circuit: text the command: #password#RUN# to the device's SIM card number

Succeeding reply: Resume fuel, OK! Failure reply: Format wrong!

Note: Only admin and authorized number can operate. In order to ensure the safety of drivers, the device only cut off the oil circuit on the condition of the driving speed below 20KM/H or in static state. When the vehicle speed is over 20KM/H, the device will cut off the oil or the power when the speed below 20KM/H.

#### 8.6 Set or cancel the over speed alarm

- Set the over speed alarm : text the command: #password#SOSA#speed# to the device's SIM card number

Succeeding reply: Set speed alarm, OK! Failure reply: Format wrong!

For example, if you want to set the over speed alarm at 120Km/h, please text the command: #8888#SOSA#120#

Note: Only admin and authorized number can operate.

- Cancel the over speed alarm: text the command: #password#CLSA# to the device's SIM card number

Succeeding reply: Close Speed Alarm, OK! Failure reply: Format wrong!

Note: The default of this function is closed. Only admin and authorized number can operate.

## 8.7 Set and cancel the vibration alarm.

- Set the vibration alarm : text the command: #password#STVA#sensitivity value# to the device's SIM card number

Succeeding reply: Set vibration Alarm level, OK! Failure reply: Format wrong!

For example: if you want to set the sensitivity 2, text the command: #8888#STVA#2#

Note: The default of this function is closed. Only admin and authorized number can operate.

the sensitivity value of the vibration is from 1 to 3, 1 is the most sensitive.

- Cancel the vibration alarm: text the command: #password#CLVA# to the device's SIM card number

Succeeding reply: Close vibration Alarm, OK! Failure reply: Format wrong!

Note: Only admin and authorized number can operate. If you want to restart the vibration alarm, you need to reset again.

## 8.8 restart the device's SIM card

- restart the device's SIM card: text the command: #password#REST# to the device's SIM card number

Succeeding reply: Reset System, OK! Failure reply: Format wrong!

Note: Only admin and authorized number can operate.

Note: the default password is 8888. Only admin and authorized number can operate. If not, the server will reply: Don't allow to or The Admin must be number, Fail!.

## 9. Check the location by texting

9.1 admin number or the authorized number dial the device's number, the device will text back with location information.

9.2 longitude and latitude and location check by texting

9.2.1 the command format: #password#LOCC#

Reply: web link, longitude and latitude, time, data, speed.

## 9.3 Chinese location check by texting

9.3.1 the command format: #password#ADRE#reply language#

Reply: the current location

## 10. Trouble shooting

10.1 The device is not online or offline on the web platform.

10.1.1 First, please check the three LED working state. If possible, you can call the device's number to check.

- if not connected, the device is out of signal.

If reminding the device SIM card is out of deposit, please make deposit by the telecom operator.

- If reminding the device is power off, please turn back the device and proceed as followings:
    - a) Check if the red LED is in constant glow. If the LED is dark, please check the power connecting. If fuse is broken, please return the device to the seller.
    - b) If the blue GSM LED is not in constant glow, please check the installation of SIM card.
- 10.1.2 Please check the offline area in order to judge if the network problem of operators.
- 10.2 When GPS can not receive the signals, please drive in the open sky and ensure there is no metal thins on the device.
- 10.3 When the device can not receive the GSM signal, please check the SIM card installation.
- 10.4 The red LED is not glow when power on. Check the fuse of the power line. If the fuse is fused, please change the fuse with the seller.

## Warranty card of GPS Vehicle Tracker

### Special statement:

1. Technique of this product subject to change without further notice.
2. Any change about the appearance and color is subject to the real object.
3. Warranty card applies to the product with the IMEI number listed below.
4. Please keep this card safely for the after-sale service, as well as your receipt.
5. Refer to the table below for the warranty reference.

This card is the basic certificate for warranty, please fill it carefully and keep it safely.

<b>Name</b>		<b>Phone number</b>	
<b>Address</b>			
<b>Model</b>		<b>IMEI number</b>	
<b>Date</b>		<b>Invoice number</b>	

<b>Sales unit name</b>	
<b>Sales unit adress</b>	
<b>Sales unit Phone number</b>	
<p><b>1.Main engine is guaranteed for one year for non-human damage Since the date of purchase.</b></p> <p><b>2.The situations listed below are not in the scope of warranty, the users has to pay maintenance cost:</b></p> <ul style="list-style-type: none"> <li><b>(1) exceed the warranty period;</b></li> <li><b>(2) disassemble or maintein withour authorization;</b></li> <li><b>(3) immersion,break or burn ofcircuit board;</b></li> <li><b>(4) damages from improper installatio,use,maintenance or storage;</b></li> <li><b>(5) damages of shell, lens or intemal antenna;</b></li> <li><b>(6) IMEI number is teared or vague;</b></li> <li><b>(7) warranty certificate is inconsistent with product model, or the certificate is altered;</b></li> <li><b>(8) the damages due to force majeure.</b></li> </ul>	

## Maintenance records

<b>Record one</b>			
<b>Maintenance unit</b>		<b>Date</b>	
<b>Fault description</b>			

<b>Maintenance status</b>			
<b>IMEI number</b>		<b>Serviceman</b>	

<b>Record two</b>			
<b>Maintenance unit</b>		<b>Date</b>	
<b>Fault description</b>			
<b>Maintenance status</b>			
<b>IMEI number</b>		<b>Serviceman</b>	