

# Product instructions for use

Shenzhen Youwei Communication Co., LTD

Signed by \_\_\_\_\_ Approved by \_\_\_\_\_

legal notice:

First of all, thank you for using this product. If you agree to the following terms, you will receive our support and services. When you have doubts about this, welcome to inquire. If you cannot accept the following terms, please stop using this manual.

The ownership of this manual belongs to the dealer. Reves any rights not expressly granted in this manual. The information of the products in the manual cannot be copied, transmitted, distributed, used and leaked from any pictures, forms, data and other information contained in the manual without the prior written permission of the distributor.

Reading this document does not, without the prior written consent of the dealer, implicitly, otherwise or otherwise grant the reader any right to use any marking appearing in this document. The storage and use of the product shall be in accordance with the requirements of the product manual, relevant contracts or relevant laws and regulations.

The Distributor reserves the right to modify and improve the products described in this manual without prior notice, and also reserves the right to revise or withdraw this manual at any time. If

there is any unknown information in this user manual, please consult your agent and dealer in time.

**Special statement:** this product is prohibited from being used for illegal purposes, otherwise, all legal liabilities arising therefrom shall be borne by the user himself.

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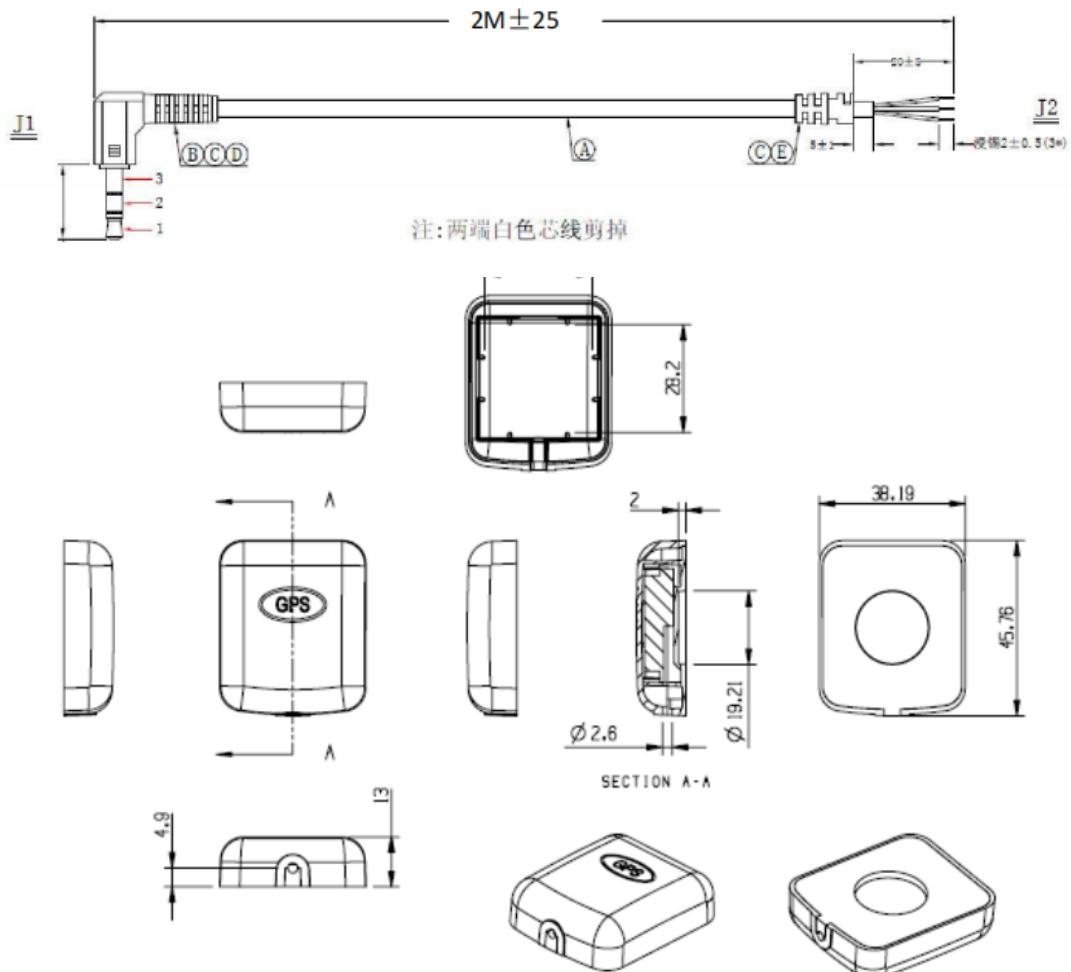
## **1. Product**

- 5V voltage
- Real-time location and tracking, track playback
- Ultra small volume
- Simple installation, do not press the power button, power on that work
- Built-in backup button battery, power loss is not lost
- GPS + Beidou + GLONASS triple positioning

## II. Product



### III. Description



## Iv. Product

<b>GPS Receiver</b>	
Chip	MediaTek GK9051 (Rom Version)
Frequency	1575.42 MHz
Code	C/A Code
Protocol	NMEA 0183 v4.1 GALILEO L1 open service (with upgrade) Default:GGA,GSA,GSV,RMC Support:VTG,GLL,TXT ublox binary and NMEA Command
Available Baud Rate	9,600 bps
Channels	66
Sensitivity	Tracking:-161dBm Reacquisition:-160dBm ColdStart:-147dBm
Cold Start	29 seconds, average
Warm Start	28 seconds, average
Hot Start	1 second, average
Accuracy	HorizontalPosition:Autonomous<2.5m average, SBAS < 2.0m average Velocity: 0.1 m/s Timepulse signal: RMS 30 ns
Maximum Altitude	50,000 meter
Maximum Velocity	515 m/s(1000 knots)
Dynamics	4G
Max navigation update rate	1 Hz ( Default 1Hz )

## V. Basic

content	function	explain
locate function	String data type	NMEA0183 Agreement
	Street view map	A 360-degree no-dead Angle HD map

## VI. Matters

1. Please pay attention to waterproof for electronic products.
2. The installation position must be covered without electromagnetic wave absorption (such as metal, explosion-proof heat insulation film).
3. Do not touch the equipment with the liquid, or operate it with wet hands.
4. Do not put the equipment into the fire
5. The device may not work when the temperature is below -20°C or above + 60°C.
  - . 6 When the vehicle is in an underground parking lot, tunnel, or garage. And a communication network may appear  
Blind area cannot monitor the equipment; when the equipment is placed in the above area, the equipment will automatically return to normal work

. 7 encounter abnormal situation, please do not repair by yourself. Connect to the non-original accessories or remove the connections between the parts

The manufacturer shall not be liable for the damage.

8. The loss caused by human damage and information loss of this product has nothing to do with the company.

9. This product may have electromagnetic interference in some vehicle models and the electrical equipment in the car.

11. Do not make the product to strong impact or vibration, so as not to damage the product, resulting in dysfunction or failure.

12. The normal functional temperature range of this product is-20 degrees C to 65 degrees C, beyond which the temperature range may cause product failure, fire or explosion.

## 7. After-sales

1. This product will enjoy a three-month replacement and a one-year warranty service from the date of shipment. During the warranty period, the equipment is caused by non-human factors or product quality, please contact the dealer in time.

2. The damage caused by the customer's private disassembly or force majeure (such as flood, vehicle accident) shall not be repaired.

3. After the expiration of the warranty, the cost of maintenance materials is charged for the products caused by the use.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.