

# Personal GPS Tracker

## Product user manual

Product model : W09A



## Legal Statement:

First of all, thank you for using this product. If you have agreed to the following terms, you will receive our support and services. **If you** have any questions, please feel free to contact us. If you cannot accept the following terms, please stop using this manual. 。

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The storage and use of this product shall be carried out 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 are any unclear points in this user manual, please consult your agent or distributor.

**Special Notice: This product is for end-user vehicle anti-theft use only and is strictly prohibited from being used for illegal purposes. Any legal liability arising from such use will be borne by the user.**

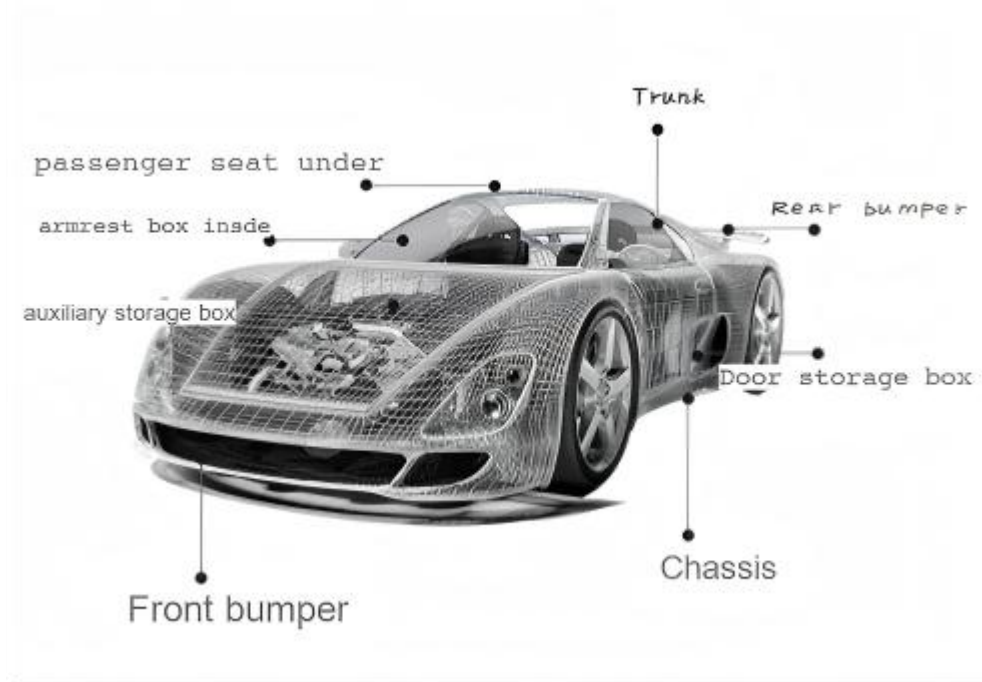
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## I、 Product Features

- Small size 、 wireless
- Real-time Tracking 、 Track Replay
- 1000mAh Battery Capacity
- Bluetooth Positioning

## II、Product Installation Instructions



**also can be carried**

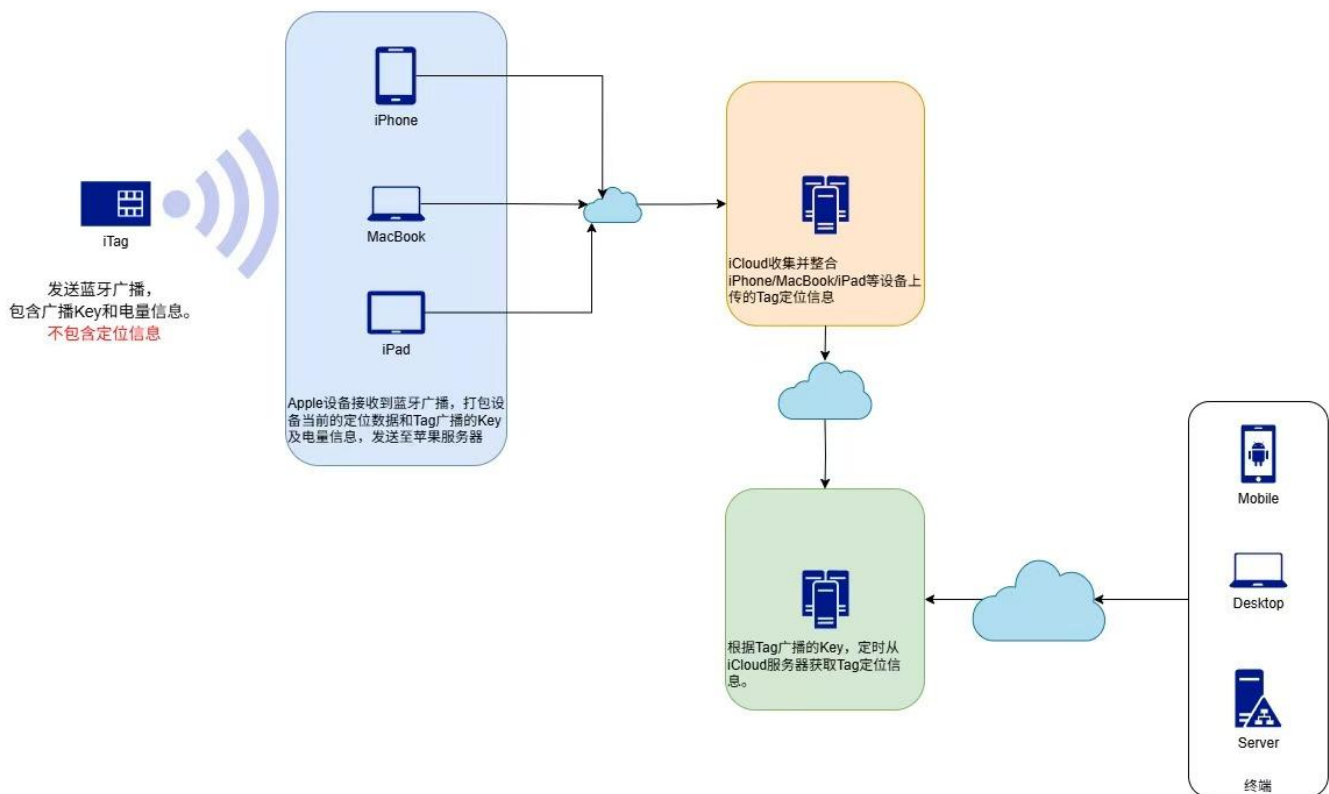
### III、Product parameters

Specifications	Parameters
Single size	Diameter 37.5mm, thickness17.5mm
Weight w/o package	17.2g
Weight w/t package	27g
Built-in battery	1000mAH (removable and replaceable battery; Power consumption: average about29.8uA(30-second intensive broadcast); Average about53.7uA (90-sencond intensive broadcast))
Work temperature	-20°C to+60°C
Storage temperature	-20°C to+70°C
Chip model	6626A1 【customize】
Root mean square error	S degree
Dynamic output range	-15~-108dbm
Receiver sensitivity	-107dbm
Maximum frequency error	±0.1ppm
Positioning accuracy	< 5m
First positioning time	Within 5min (The actual situation will vary depending on the surrounding Apple deployment.)
LED indicator lights	None
Transmission Protocol	BLE 5.3
Data reporting	Real-time location data updates
Geo-fence	TBD

Location data	Real-time location updates
Vibration alarm	Not supported

## IV、Product basic functions

Content	Function	Illustration
Position function	Location tracking	Based on the sensed crowdsourcing network time , transmit location information back
	Street view map	360-degree high-definition map (Paid use)
	History track	90days driving trajectory playback, replay location, stay-time etc..
	Fleet management	1mobile phone can manage multiple devices, or 1unit device manage by multiple mobile phones.



## V、common problem analysis and troubleshooting

If the operating terminal experiences the following malfunctions, please refer to the troubleshooting solutions below. If you are still unable to resolve the issue, please contact your seller or service provider. !

Fault phenomenon	Fault analysis	processing method
Poor signal reception	Use device in poor reception area like near tall buildings or underground parking lots ,radio waves cannot be transmitted effectively	Use device in good signal
Location information cannot be found	Less crowd source networks share	Device use crowd-sourced network for location sharing, if there are no other cellular communication devices nearby , such as mobile phones nearby, it will be located incorrectly.
	Weak signal	Please move to strong signal place and retry.

## VI、Precautions

1. Please be aware of water resistance when using electronic products.
2. Before installation, please disconnect the power isolation Mylar plate and ensure that the device motherboard and battery are connected; otherwise, the device will not function properly.
3. Because it is based on crowdsourced network sharing, the device uses crowdsourced network sharing to achieve positioning. If there are no other cellular communication devices nearby, such as mobile phones or tablets, it will not be able to be located correctly.
4. Do not allow the equipment to come into contact with liquids or operate it with wet hands.
5. Do not throw the equipment into fire.
6. The equipment may not work when the temperature is below  $-20^{\circ}\text{C}$  or above  $+60^{\circ}\text{C}$ .
7. When a vehicle is in an underground parking lot, tunnel, or garage, the positioning signal will be affected. This may also create communication network signal blind spots, preventing the device from monitoring. Once the vehicle leaves these areas, the device will automatically resume normal operation.

8. Do not attempt to repair any abnormal situations. The manufacturer is not responsible for damage caused by connecting non-original accessories or disconnecting components.
9. This product is a safety driving assistance product. Our company is not responsible for any losses caused by malfunctions or data loss.
10. Do not install or operate this product while the vehicle is in motion.
11. Do not connect the uninterruptible power supply (UPS) without authorization, as this may cause malfunctions in your vehicle or products. Please consult a professional regarding installation matters.
12. Do not subject this product to strong impacts or vibrations, as this may damage the product, causing malfunction or rendering it unusable.
13. This product is designed for normal operation within a temperature range of  $-20^{\circ}\text{C}$  to  $65^{\circ}\text{C}$ . Exceeding this temperature range may result in product malfunction, fire, or explosion.

## **VII、After-sale services**

1. This product comes with a three-month replacement guarantee and a one-year warranty from the date of shipment. For equipment damage caused by non-human factors or product quality issues within the warranty period, please contact the dealer promptly for assistance.
2. We will not repair damage caused by unauthorized disassembly by customers or by force majeure (such as floods or vehicle accidents).
3. After the warranty period expires, for product damage or malfunction caused by use, a repair material cost fee will be charged.
4. We provide free consultation and technical services regarding product purchase, usage, and APP installation.