



Shenzhen Qianfeng Communication Equipment Co., Limited

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Mini BLE Tracker

Instruction Manual

Product model: QAT01

Version number: V1.0



Please read this instruction manual carefully before using the product and keep it in a safe place.



Warning

1. Please pay attention to be waterproof for electronic products. Do not contact the equipment with the liquid, or operate with wet hands.

2.  Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer or service operator where the product was purchased. They can take this product for environmental safe recycling.

3.

Part Name	Hazardous Substances or element					
	Pb	Hg	Cd	CR(VI)	PBB	PBDE
Cabinet assembly	○	○	○	○	○	○
Cable assembly	○	○	○	○	○	○
Lithium battery	×	○	○	○	○	○
Plastic and polymer	○	○	○	○	○	○
Metal part	○	○	○	○	○	○

O: It indicates that content of toxic and hazardous substance in all homogeneous material are less than specified limit by Directive2011/65/EU (RoHS).

×: It indicates that at least one content of toxic and hazardous substance in all homogeneous material is beyond specified.

This table shows the toxic and hazardous substance when manufacture this device, hazardous substance information is based on information from supplier as well as internal inspection. In some part, hazardous substance cannot be replaced with current technologies, but Qianfeng is always doing its best to improve the quality of the product.



CATALOG

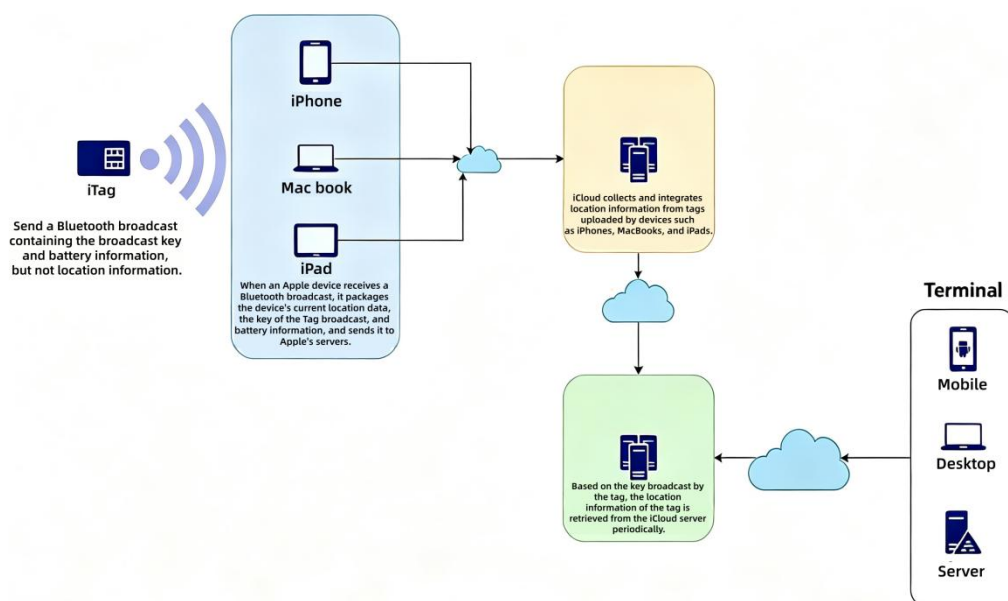
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I. Product appearance and accessories



II. Product working logic





III. Product parameters

Specification content	Specifications parameters
Size	Φ37.5mm*17.5mm
Weight	17.2g (including battery)
Internal battery	1000mAh (removable and replaceable battery);
Power consumption	Approximately 29.8uA on average (30 seconds of intensive broadcasting); Approximately 53.7uA on average (90 seconds of intensive broadcasting)
Chip	6626A1
Working temperature	-20°C to+60°C
Storage temperature	-20°C to+70°C
Dynamic output range	-15~-108dbm
Receive sensitivity	-107dbm
Maximum frequency error	±0.1ppm
Positioning accuracy	<5m
The first location time	Within 5 minutes (actual results may vary depending on the surrounding Apple device).
Transmission Protocol	BLE 5.3
LED pilot lamp	No
Data report	Update the Location data in real-time and support customer customization
Electronic fence	TBD
Location data	Real-time positioning update



IV. Basic product functions

Content	Function	Explain
Locate function	Regular tracking	Positioning information such as latitude and longitude according to the set interval time.
	Historical trajectory	You can play back 365 driving days, replay the speed at that time, direction stay time and other content
	Fleet management	One phone can manage multiple devices, or one device for multiple phones

V. Common problem analysis and exclusion

This product shows that the yellow and blue lights always on without flash as normal online positioning. If flashing, please analyze the fault according to the following steps.

Fault phenomenon	Fault analysis	Processing method
Location not found	Crowdsourcing networks share less	The device uses a crowdsourced network for location sharing. If there are no other cellular communication devices nearby, such as mobile phones or tablets, the device will be unable to be located.
	Weak signal	Please move to an area with a stronger signal and try again.
Poor signal reception	When using the device in areas with poor signal reception, such as near tall buildings or underground parking lots, radio waves cannot be effectively transmitted.	Use the terminal in a location with good signal.



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Manufacturer: Shenzhen Qianfeng Communication Equipment Co., Limited

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Certification: CE

Country of Origin: Made in China