

Find My Anti-Loss Device	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-TX21-001
	Product Specification Document	Version number	V0.1.1

Product Specification Document



SECTION	PROTO ☒ DVT ☐ EVT ☐ PVT ☐ MP ☐					
PART CODE						
ITEM	Advanced tag					
MODEL NAME	TX21					
DESCRIPTION	V0.1.1					
NOTE						
Approved By	PERFORMED		CHECKED		APPROVAL	
	DATE		DATE		DATE	
	NAME		NAME		NAME	
	R&D		R&D		R&D	

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Version Revision Record

[illegible]

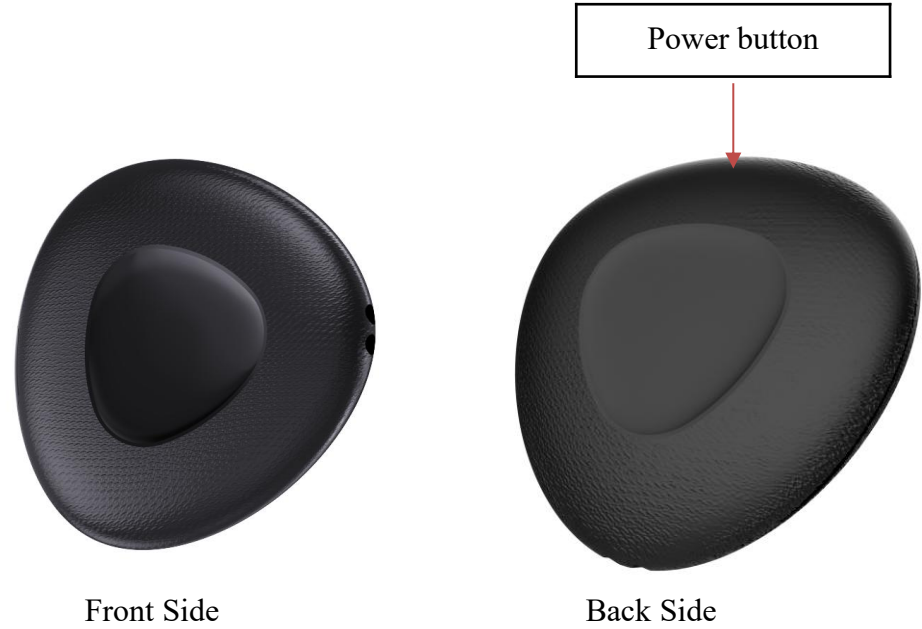
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1. Specifications

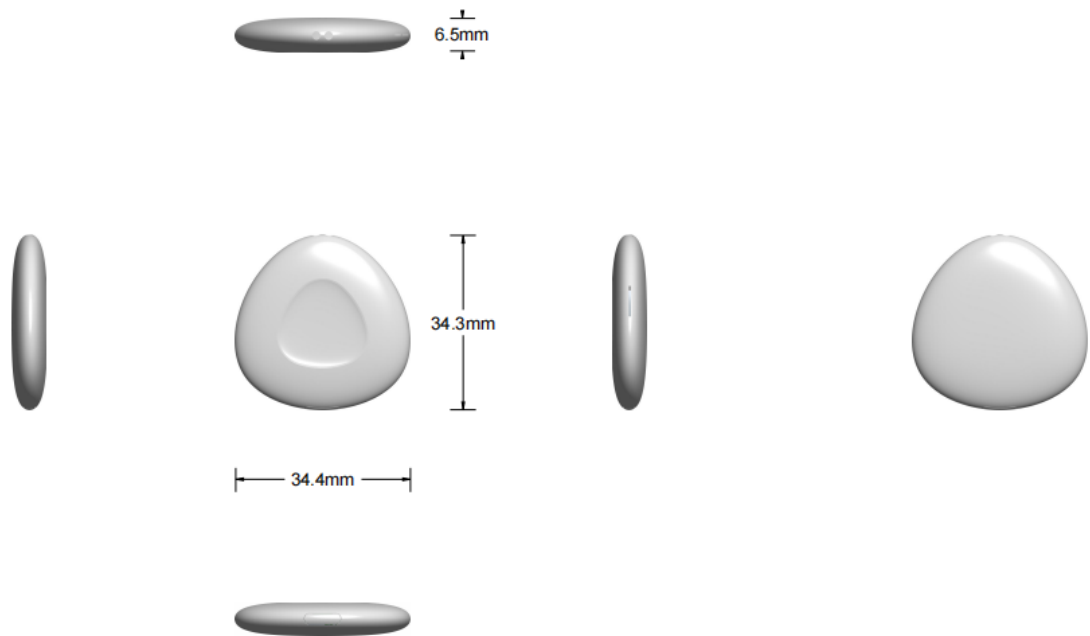
Bluetooth name	Advanced tag
Keyboard type	Mechanical Button
Bluetooth Ver.No	V5.3
Transmission Frequency	2.402GHz~2.480GHz
Bluetooth Profile	BLE/Find My
Transmission Power	-9dBm
Wireless Range	≥40m
Battery Parameters	CR2032 230mAh 3V 3.1g
Standby Time	10-12months
Standby Power Consumption	0.000006W
Product Size Specifications	L*W*H Approximately 34.4*34.3*6.5mm
Product Weight	Approximately 6.4g
Buzzer Drive Mode and Parameters	Buzzer(Φ7.5*0.22mm 4KHZ)
Buzzer Volume	Approximately 70dB~80dB
Share Device Contacts Maximum number of supported	5 sets
Mobile System Compatibility	iPhone, iPad, iOS 14.5 or later, iPhone 8 + models. Android Device Specific APP Locate link, Single device binding limit (32pcs)
Encapsulation Method	Plastic enclosure
Operating and Storage Temperature	-10--65°C/-20--75°C
Color	White,Black(customizable as per requirements)

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2. Functional Operation Location Schematic Diagram



3. CMF



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4. Functional Operation Instructions

No	Function Operation	Current Status	Test Steps / Description / Input / Operation	Prompt Tone	Indicator Light
1	Power On	Power Supply	Long press the switch/function button for about 2 seconds, hear 1 beep, the device is powered on	Beep	None
2	Device Binding	Bluetooth Pairing	Open the Apple "Find My" app. Bring the device close to your iPhone, tap "Item" label, select "Add New Item", tap "Other Supported Items", choose the device with this model number, tap "Connect". Add "Item Name" and select an emoji. Agree to register the device to your Apple ID. Tap "Done" to complete binding.	Beep	None
3	Remove Device	Bound	Open the Apple "Find My" app, tap "Item", then tap the item's name. At the bottom of the list, find "Remove Item", tap "Remove" to complete the operation, wait for the device to emit a prompt tone, removal successful.	Double Beep	None
4	Factory Reset	Power On	Hold the button until you hear 1 beep, then 2 consecutive beeps, followed by 3 consecutive beeps. Continue holding for 5 more seconds. When you hear a long beep, release the button, the device will reset to factory settings.	A short beep、 Two short beeps、 Three short beeps、 One long beep	None
5	Power Off	Power On	In the power-on state,press and hold the function button for about 6 seconds,you will hear 1 beep,then 2 consecutive beeps,followed by 3 consecutive beeps,then release the button.	A short beep、 Two short beeps、 Three short beeps	None
6	Find Device	Play Buzzer Sound	Tap the phone's play sound function	Beep,Beep,Bee p...	None

Important Notes:

- When pairing the device with the "Find My" app, it requires connection to the Apple server. If pairing fails, it is usually because your network cannot connect to the Apple server. Suggested actions: Use the FindMy app on iPod touch, Mac, or FindItems app on Apple Watch to locate compatible personal items on the map.
- Simply pair your compatible product with the Apple FindMy app to view it with your Apple devices. If your item is lost, you can put it in lost mode to display a message and contact information to anyone who might find it.
- The FindMy network is encrypted and anonymous, so no one, not even Apple, can view its location.

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5. Find Connection Description

How to pair

Note: It is recommended to use the latest version of iOS or macOS.



(图1)



(图2)



(图3)

- 1.1 Place the Advanced tag next to your Apple device (e.g. iPhone);
- 1.2 Turn on Bluetooth on your Apple device (such as iPhone) and connect to the Internet;
- 1.3 Press and hold the 3S button to hear a beep to connect to the power;
- 1.4 Open the Find My application;
- 1.5 In the Find app, tap Add Item - Other Supported Items. As shown in Figure 1;
- 1.6 Click "Connect", as shown in Figure 2;
- 1.7 Name your device and choose a meme. As shown in Figure 3, click "Continue";
- 1.8 Find My asks if to add Advanced tag to Apple ID, click Agree;
- 1.9 Click "Done" to complete the pairing.

Solutions that cannot be paired

1. Make sure your Apple device's Bluetooth is turned on
2. Make sure the anti-lost device is turned on and close to your Apple device
3. Make sure the anti-loss device is not connected to other Apple devices
4. Make sure iOS, iPad OS version is 14.5 and above, Apple officially recommends using the latest version of iOS
5. If the previous steps still fail to add, factory reset the Lost Protector.
6. Replace the battery

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6.Reliability Standards

NO	Test Item	Test Conditions
1	Low Temperature Storage	Place the unboxed product in a -30° C chamber, power off, and maintain for 48 hours. After the test, recover at room temperature for 2 hours and check for any functional or appearance abnormalities.
2	High Temperature Storage	Place the unboxed product in a 70° C chamber, power off, and maintain for 48 hours. After the test, recover at room temperature for 2 hours and check for any functional or appearance abnormalities.
3	High Temp&Humid storage	Temp:50°C, Humid.:90%RH Time: 72Hrs Unit: Power off
4	High temp Operating	Temp:50°C, Time: 24Hrs Unit: Power on
5	Low temp Operating	Temp:-20°C, Time: 24Hrs Unit: Power on
6	IP Rating Requirement	Meets IPX5 requirements
7	Random Free fall test	Drop height 1.5m onto concrete surface; Drop times: 6 times; Check structure and acoustic functions
8	Alcohol test for surface painting	95%above alcohol; Load force: 500g, duration 10 times
9	RandomFree fall test of carton box	The packaged box, with complete products and accessories as per shipping configuration, is dropped from a height of 0.75 meters onto concrete. After the test, check the packaging, product functionality, and appearance.
10	Vibration test of carton BOX	The packaged box, with complete products and accessories as per shipping configuration, is fixed on a vibration tester. Use frequency: 50HZ 6dB; 100HZ 0.02G2/HZ; 1000HZ 0.02G2/HZ; 2000HZ -6dB, X/Y/Z three axes each vibrate for 2 hours. After the test, check the packaging, product functionality, and appearance.

7.Product Certification

I.Find My

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8. Quality Acceptance Standards

Inspection Conditions

- 1. Temperature and Humidity:Inspected at natural temperature and humidity
- 2. Inspection Environment:No high-power radio interference signals nearby
- 3. Light Intensity: (400~700lux)
- 4. measure distance: 25cm

FCC Statement

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.

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.