

Robust Asset Tag

Model: DTB10

Datasheet V1.0

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.

FCC warning:

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.

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

目录

1. Product Overview	1
1.1 Product Introduction	1
1.2 Product Features	1
2. Product Parameters	1
2.1 Basic Parameters	1
2.2 Broadcasting Parameters	2
2.3 Product Diagram	2
3. Product Installation Instructions	3
4. Precautions	3
5. Packaging Information	4

1. Product Overview

1.1 Product Introduction

DTB10 is a package positioning tag specially designed for BLE logistics package positioning scenarios. It features IK08 impact resistance and IP65 protection rating, equipped with a large-capacity battery with up to 3 years of battery life, fully meeting the full-process tracking requirements of logistics packages.



1.2 Product Features

- ◆ BLE5.3 Bluetooth version
- ◆ IK08 shockproof
- ◆ IP65 protection rating
- ◆ Up to 3 years of service life under default configuration
- ◆ Broadcasting distance up to 200 meters in open areas

2. Product Parameters

2.1 Basic Parameters

Basic Parameters	DTB10
Housing Material	PC+ABS
Housing Color	White
Dimensions (L*W*H)	62.5*42*11mm
Impact Resistance	IK08
IP Rating	IP65



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Bluetooth Protocol Supported	Bluetooth® LE 5.3
Power Supply	Battery
Battery Capacity	600mAh
Working Temperature Range	-20~60°C

2.2 Broadcasting Parameters

Broadcasting Type	Parameter	Value
UID	NameSpaceID	8af9501df3d6924e423c
	InstanceID	Same as MAC
	Broadcasting Power	0dBm
	Broadcasting Interval	4s
	Measured Power	-59dBm
TLM	Broadcasting Power	0dBm
	Broadcasting Interval	8s

2.3 Product Diagram





3. Product Installation Instructions

Place the product with its back facing up into the logistics packaging bag (refer to the diagram below).



4. Precautions

- To extend the service life, it is recommended not to use high broadcasting power and short broadcasting cycles unless necessary.
- To avoid battery leakage, overheating, fire or explosion, do not use or store the product in extreme environments such as roasting, high temperature, high pressure, humidity, strong static electricity, strong magnetic field or underwater.
- Do not use the product beyond its normal operating temperature to avoid damage; store it at room temperature (20°C~35°C) when not in use.
- Disassembly by non-professionals is strictly prohibited. The company shall not be liable for battery leakage, fire, explosion or other damages caused by impact, extrusion,

puncture, heating, etc. due to unauthorized disassembly.

- For any other questions, please contact our sales or technical support team.

5. Packaging Information

Packaging	Inner Box	Outer Carton
Packaging Image		
Quantity	60pcs	420pcs
Size	310*215*55mm	320*235*400mm