



UbiTrack

Hybrid UWB-GNSS  
Positioning Tag II  
UbiTrack-TUG2  
Product manual

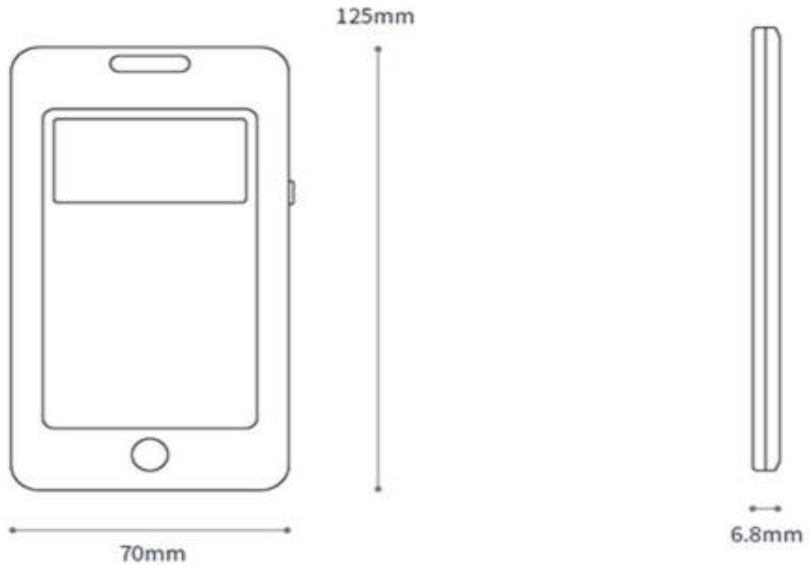
# Product Introduction

UbiTrack-TUG2 is a Hybrid UWB-GNSS positioning tag. It integrates UWB positioning and GPS satellite positioning. It can switch between UWB positioning and GPS satellite positioning to ensure accurate and reliable positioning between indoor and outdoor. This tag meets the requirements of full scene positioning.



## Equipment parameters

- Positioning Mode: UWB+GPS
- UWB Operating Frequency: 3.5GHz-6.5GHz
- UWB Transmitting Power: 0-33.5dB (Adjustable)
- NFC Operating Frequency\*: 13.56MHz
- GPS Transmitting Power: GPS L1
- SIM Operating Frequency:LTE (Cat-M1:B1, B2, B3, B4, B5, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B66;CatNB1/NB2:B1, B2, B3, B4, B5, B8, B12, B13, B17, B19, B20, B25, B26, B28, B66)
- Additional Sensors: Acceleration Sensor
- E-Ink Screen: 1.91" ×0.93" (48.55mmx23.71mm)
- Optional Functions: Messages, vibration or voice, SOS, etc
- Power Supply: Rechargeable 950mAh lithium battery
- Battery Life: 1 week(5min Positioning Frequency)
- Dimensions: 4.92" ×2.76" ×0.27" (125mmx70mmx6.9mm)
- Operating Temperature: 0° C~50° C, Avoid direct sunlight on the display screen for a long time
- Operating Humidity: 35%~ 65%RH



## Warranty Information

The basic functions of short circuit protection and manual closing and opening are warranted for three years from the original purchase date, and other functions for one year. During the warranty period, the fault caused by the product quality problems under normal use will be given a free maintenance. The shipping cost of the repaired products shall be borne by the sender.

The following situations will not be covered by the warranty:

- ① Issues arising after the warranty period has ended.
- ② Failure or damage to the product caused by incorrect or improper operation not in accordance with the instructions.
- ③ Accidental or human-induced damage to the product, such as exceeding the temperature and humidity range of the device, immersion in water, dropping, abnormal external impact, deformation, cable damage, etc

- ④ Natural wear and aging of materials
- ⑤ Failure or damage caused by unauthorized removal of the product
- ⑥ Failure or damage caused by force majeure
- ⑦ Other faults or damage not caused by product design, technology, manufacturing, quality, etc

Please use and wear it in the correct way. Do not use excessive force or sharp tools to operate the equipment.

Please use the supplied data cable to charge. When not in use, please ensure that the data cable does not absorb other metals to avoid short circuit.



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