



# Qbit

## Mini Personal GNSS Tracker

The Qbit personal GPS tracking device will give you a completely new level of awareness and convenience. It's compact, lightweight design is both highly mobile and highly reliable. Loaded with GPS and LBS positioning, Qbit enables you to view real-time location from a computer, tablet or smartphone. Being stylish, tough and accurate, the Qbit is an ideal for kids, the elderly, and people with special needs.



### GPS & WiFi & LBS Positioning

A synergy of multiple positioning systems ensures that locations are accurately displayed on the cloud platform.



### Geo-fence

A virtual area set on platform by yourself, you'll be informed when the person crossing its boundary.



### Panic Button

You can press this button to send an immediate alert for emergency help or rescue.



### Remote Listen-in

Inconspicuous mic allows for remote audio monitoring of the environment around the device.



### Two-way Communication

Enable you to make call with this device by your mobile phone.



### IPX5 Water Resistance

Rugged design ensures continued optimal performance, even in the toughest conditions.



### Low Battery Alert

You'll be alerted when the remaining battery has reached threshold.



### Compact Size

Light and small design makes this device easy-to-carry.

#### Personal Safety



#### Sports & Activities



#### Elder Care Services



## GNSS

Positioning system	GPS+WiFi+LBS
Frequency	L1
Positioning accuracy	<2.5m CEP
Track sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTF (open sky)	Avg. hot start ≤1sec Avg. cold start ≤32sec

## Cellular

Communication network	GSM
Frequency	Quad-band 850/900/1800/1900 MHz

## Power

Battery	500mAh/3.8V industrial-grade Li-Polymer battery
Working modes	Mode 1: WiFi regular-upload mode Mode 2: GPS tracking mode
Standby time	Up to 2 days if upload WiFi positions per 10 minutes

## Interface

LED indication	GNSS (Blue), Cellular (Green), Power (Red)
SIM	Nano-SIM
Data storage	64 Mb

## Physical specification

Dimensions	45.0 x 45.0 x 16.0mm
Weight	33g

## Operating environment

Operating temperature	-20 C to +60 C
Operating humidity	5%~95%, non-condensing
IP rating	IPX5

## Feature

Voice monitoring range	≤3 meters
Sensors	Accelerometer
Scenarios	Low battery alert, SOS alert, Geo-fence
Specialties	Two-way Communication, Audible-and-visual recovery