

CUBE GPS

Instructions

Getting started

1. Charge the tracker for 2 hours. Power LED will flash Red while charging, and will go solid red when fully charged.
2. Download free app from App Store or Google Play by searching "Cube Tracker".
3. Create an account following in-app instructions.
4. Tap **+** icon to **Add a new tracker** in the app to pair the tracker with your account.
5. Click Activate Data Plan in app and go with flow.

The tracker now is ready to locate!

Settings

1. Sharing.

Share the tracker with your family and friends, allow them to see it on the map and get notification or alert in their app.

2. Reporting interval.

Tracker reports location based on its movement. Reporting interval can be set as every 1 minute or higher. Faster reporting interval consumes more battery power.

Dynamic reporting is available for pet and personal item tracking. Dynamic reporting interval depends on movement speed of tracker. Tracker moves fast, reporting is fast.

3. Last seen and Live Tracking

You can always find tracker with last location on the map. Live Tracking is available while tracker is moving. Tap Live icon on map and you will get a as fast as possible tracking. To save power, Live tracking will end after 6 minutes, you can activate it again if needed.



*Live icon will be displayed on map while tracker is moving.

4. Virtual Fence.

Create virtual fences to get a notification when your tracker enters or leaves places.

5. Collision Alert.

Receive alert for abnormal acceleration such as vehicle accident, falling, package delivery dropped etc.

6. SOS button.

The button on the tracker can be set as SOS alert, the preset emergency notification and your location will be sent to your family and friends.

7. Safe Place.

A Safe place is a Wi-Fi zone where the tracker stays often(ex. home or work). You can create as many as Safe Place locations as you'd like. Your tracker gets to know where it is safe and works in a power saving mode. That makes a longer battery life.

8. Data plan.

You can activate and cancel subscription following in-app instructions. Data plan will auto renew unless canceled. There is no fee for starting and stopping

service.

9. Proximity Tracking

You can ring tracker using the Cube Tracker app via Bluetooth if your tracker is within Bluetooth range. Your phone can get an alert for approach or separation if you set Proximity Alerts.

10. Fly mode

You can set Fly mode for taking flight. Tracker will sleep and stop transmission during flying.

Specifications

Cellular	
Compliant	4G LTE-M/CAT-M1
Frequency	Band 4, 13
Locating (accuracy typically within 100ft)	
GPS	Outdoor positioning
Wi-Fi	Indoor & outdoor tracking
Bluetooth	Proximity tracking
Electrical	
Charging voltage	5V DC
Battery	Rechargeable 500mAh 3.7V
Working time	10~15 days, dynamic reporting*
Buzzer	90dB
Indicator LED	Battery and cellular status
Button	Emergency alert or custom function
Physical & Environmental	
Dimensions	70*40*16.5mm
Weight	65g

Operating temperature	-10 °C ~ +55°C
Waterproof	IP67

*Battery life may vary according to operating conditions, available networks, connection interval settings and device activity.

*The tracker works with by dynamic reporting based on movement. Typically it's 10 days for a vehicle moving 2 hours per day, and 20 days for a pet staying at home most of time.

Placement of the Tracker

A reminder will be sent through the app when the tracker cannot get the location because of poor signal. Please try to change the placement of the tracker.

1. Tracker needs to have as much access to the open sky as possible to retain a connection to the GPS satellites.
2. Put the CUBE logo side up to get the best signal and performance.
3. Tracker cannot be surrounded by metal since it blocks wireless signals. DO NOT hide the tracker in metal enclosures. DO NOT place it in the middle of the undercarriage, the engine compartment, wheel wells, a metal bumper, or the trunk.

Placement of Tracker in Car



Car with sunroof

1. Center console
2. Cup holder
3. Console
4. Under armrest
5. Seat pocket (logo side should face out)
6. Under seats (avoid facing the metal frame under the seat)
7. Close to windshield or rear window

Car without sunroof

1. Close to windshield or rear window
2. Console facing the sky through windshield

Battery life

Battery life may vary according to following reasons:

1. Operating conditions eg. extremely low or high temperature. Battery may drain quickly.
2. How often the tracker moves. Tracker uses a lot of power when moving, and less when standing still.
3. Available networks. Tracker keeps searching for a network if 4G cellular is not available. Network availability, signal strength, and network set-up status also

affect battery life.

Resetting Tracker

Charge tracker with a USB cable and hold the button for 10 seconds until tracker beeps.

Cellular coverage

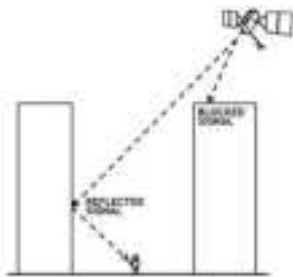
The cellular coverage in US can be searched from the link below.

<https://www.verizon.com/reusable-content/landing-page/coverage-map.html>

Why does GPS sometimes show me in the wrong place?

Many things can degrade GPS positioning accuracy. Common causes include:

1. Satellite signal blockage due to buildings, bridges, trees, etc.
2. Indoor or underground use.
3. Signals reflected off buildings or walls.



Cartoon of GPS signals being blocked and reflected by buildings

Is it safe to use with checked baggage at the airport?

Yes, Cube GPS Tracker complies with FAA regulations. Its max transmission power is less than 100mW and its battery complies with 0.3 grams or less per lithium metal cell or 2.7 watt-hours per lithium ion cell.

https://www.faa.gov/documentLibrary/media/Advisory_Circular/AC_91.21-1D.pdf

Federal Communication Commission Interference 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 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.

FCC Caution:

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FOR PORTABLE DEVICE USAGE (<20cm from body/SAR needed)

Radiation Exposure Statement:

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.