

estimate

Estimate Beacon

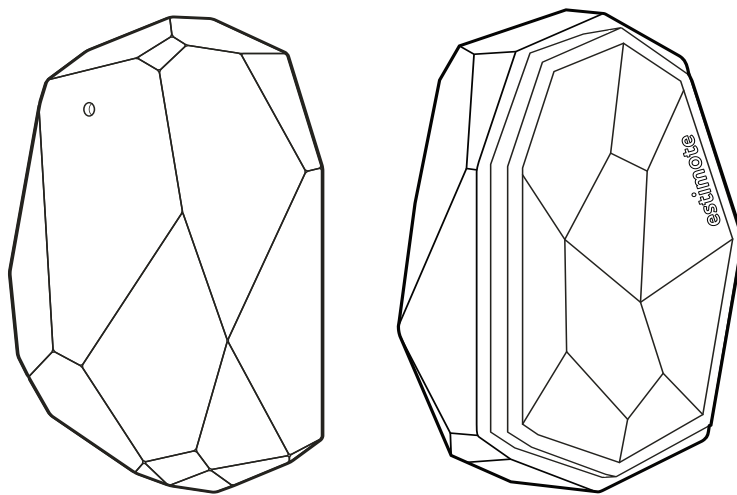
User Manual

Getting started

**Congratulations on purchasing your Estimote Beacon.
Read this guide to get started.**

Estimote Beacon F1.3d is a Bluetooth® Smart device. It wirelessly communicates with Bluetooth® Smart Ready products. The device is equipped with a bunch of sensors: a high-end accelerometer with motion detection features, ambient temperature sensor, ambient light sensor and magnetometer. The cell batteries can supply power for up to two years of continuous use.

After installation, the Beacons begin transmitting 2.4 GHz Bluetooth® signals, similar to WiFi. They can communicate with smartphones that are as close as four inches away, or as far as 230 feet away.



Developers Kit Box Content

3 Beacons Bluetooth® low energy:

- Blueberry Pie Beacon
- Mint Cocktail Beacon
- Icy Marshmallow Beacon

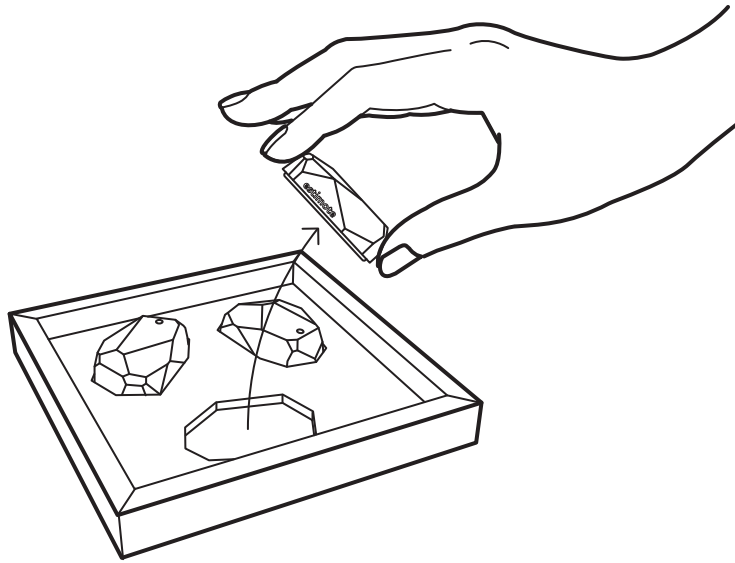
Applications

To download the Estimote app for your iOS device please visit the App Store on iTunes, the App Store on your iOS device or download iTunes at <https://itunes.apple.com/>. For Android visit the Google Play Store at <https://play.google.com/store>.

In both cases, search for Estimote, download the app and proceed to follow the app instructions.

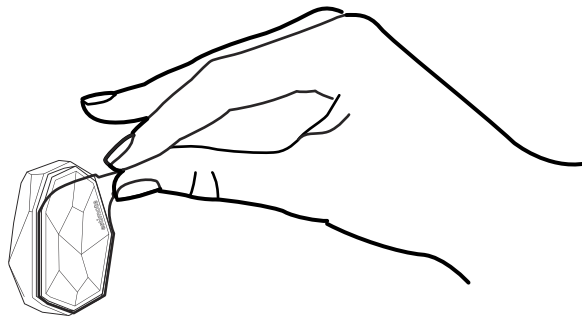
①

Take beacon out of the box.



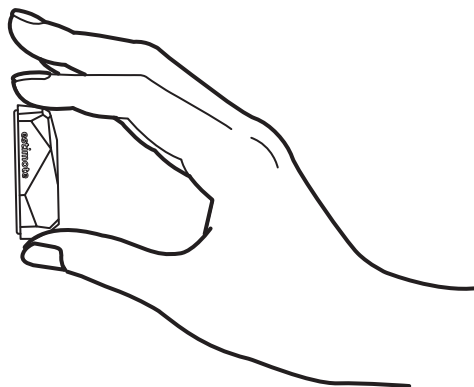
②

Gently peel off the plastic cover.



③

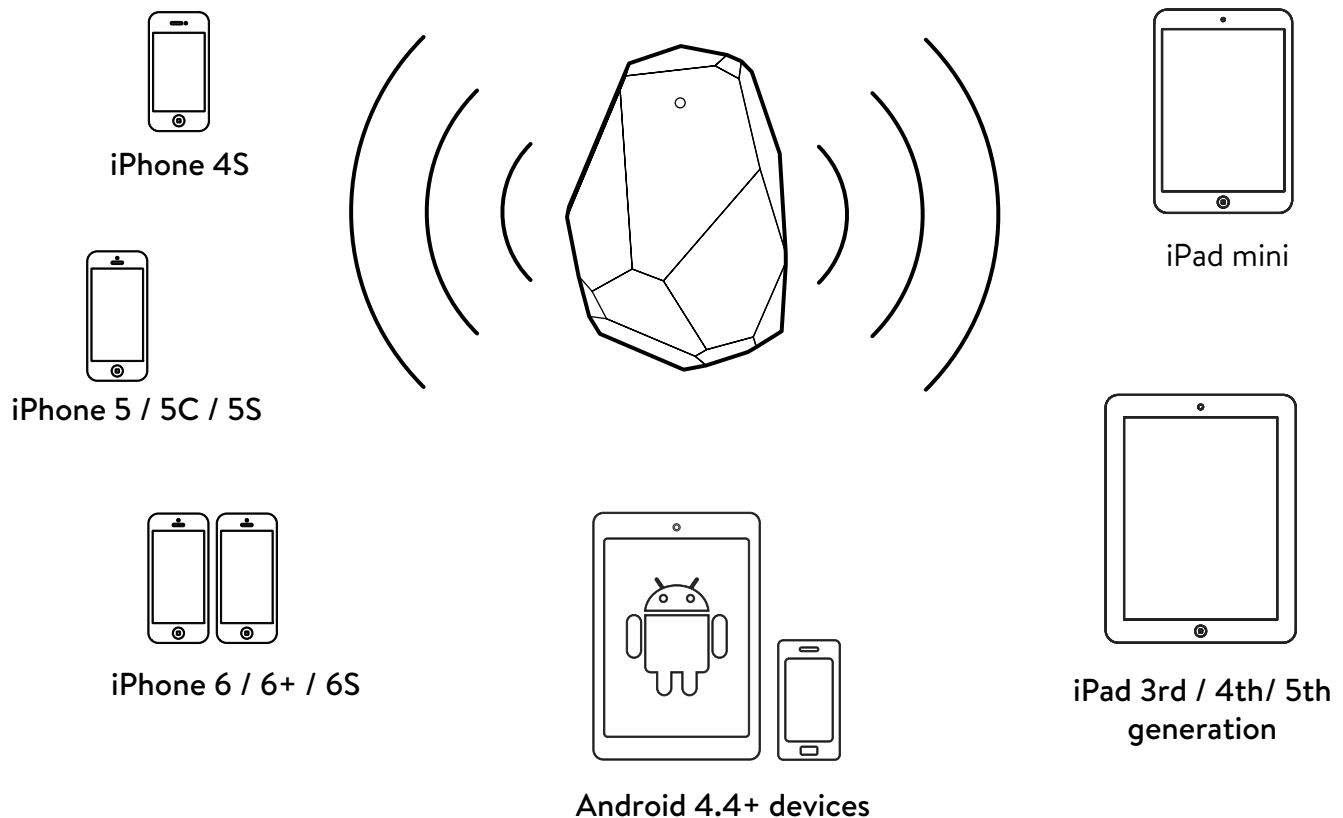
Apply the beacon to a clean flat surface.



Estimote Beacons Communication

Estimote Beacons are compatible with iOS7 and Android devices:

- iPhone 4S, iPhone 5, iPhone 5C, iPhone 5S, iPhone 6, iPhone 6+, iPhone 6S
- iPad mini, iPad 3rd generation, iPad 4th generation, iPad 5th generation
- Android 4.4+ devices with Bluetooth 4.0+



Learning More, Service and Support

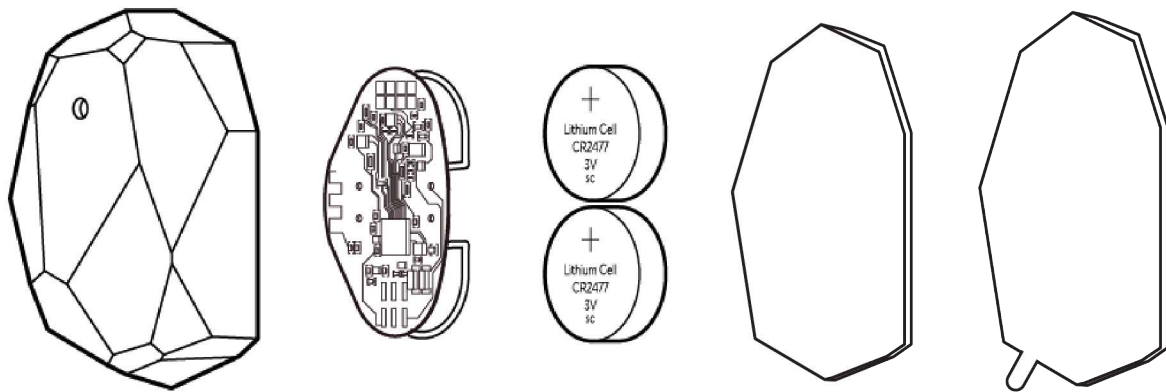
You can find more information about using your Estimote Beacon on the web.

For the latest news about Estimote Beacons visit blog.estimote.com

For support information, our community forums, and latest Estimote software downloads, go to www.estimote.com

For more information ask our community managers at contact@estimote.com

Estimote Beacons Specifications



Transmission

- Bluetooth® 4.1 LE standard
- Range: up to 70 meters (230 feet)
- TX Power -20 to +4 dBm in 4 dB steps

Ambient temperature sensor

Accelerometer

Ambient light sensor

Magnetometer

Power supply

- 2x CR2477 3V lithium primary cell battery (user-replaceable)

Environmental Specification

- Operating Temperature: 32°F to 140°F (0° to 60°)
- Storage Temperature: -13°F to 140°F (-25° to 60°)
- Relative Humidity (operating): 20% to 80% relative humidity
- Relative Humidity (storage): 10% to 90% relative humidity, noncondensing

Materials

- RoHS compliant
- non-toxic
- nonflammable
- water-resistant
- cover: silicone
- adhesive layer: double-sided tape

Size and Weight

- Length: 63 mm (2,48 inches)
- Width: 42,4 mm (1,67 inches)
- Height: 24 mm (0,95 inches)
- Weight: 47 grams (1,66 ounces)

Estimote Beacons Safety Guidelines

Important Safety Instructions

- Do not attempt to open the Beacon. Substances contained in this product and/or its battery may damage the environment and/or human health if handled and disposed of improperly.
- Do not tamper with your Beacon.
- Do not use abrasive cleaners to clean your Beacon.
- Do not place your Beacon in a Dishwasher, Washing Machine or Dryer.
- Do not expose your Beacon to extremely high or low temperatures.
- Do not use your Beacon in a sauna or steam room.
- Do not leave your Beacon in direct sunlight for an extended period of time.
- Do not leave your Beacon near open flames.
- Do not dispose of your Beacon in a fire. The battery could explode.
- Do not attempt to disassemble your Beacon, it does not contain serviceable components.

Tips and Troubleshooting

You can quickly solve most problems with your beacon by following the advice in this chapter.

Best locations for Estimote Beacons

- Stick your beacon to flat, smooth surface like window glass, mirror, metal.
- Avoid lumpy and uneven surfaces.
- Make sure the surface isn't greasy or dusty.
- Do not put it in a microwave oven
- Do not open Estimote Beacon and don't attempt to repair it by yourself. Disassembling Estimote Beacon may damage it or may cause injury to you.

For more informations go to www.estimote.com

Federal Communications Commission (FCC)

Statement (USA)

FCC PART 15 STATEMENTS FOR USER'S MANUAL

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 UNDESIRE OPERATION.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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.

This device meets the FCC and IC requirements for RF exposure in public or uncontrolled environments.

Canada: Industry Canada (IC) Statement

IC Notice to Users English/French in accordance with RSS GEN Issue 3:

This device complies with Industry Canada license exempt RSS standard(s).
Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada RSS standard exempts de licence (s). Son utilisation est soumise à Les deux conditions suivantes:

1. cet appareil ne peut pas provoquer d'interférences et
2. cet appareil doit accepter Toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

EU (European Union):

Declaration of Conformity with Regard to the EU Directive 1999/5/EC

Estimote Inc. is authorized to apply the CE Mark on Estimote Beacon, thereby declaring conformity to the essential requirements and other relevant provisions of Directive 1999/5/EC.

Compliant with the standard R&TTE 99/CE/05

Conforme à la norme R&TTE 99/CE/05

Other:

Safety Statement

This equipment has been tested to comply with safety certification in accordance with the specifications of EN Standard: EN60950-1:2006 + A12: 2011.

The complete Declaration of Conformity can be found at www.estimote.com/specs

FCC ID: 2ABP2-EST0116

IC: 11753A-EST0116

MOD: F1.3d



* packaging

** beacons