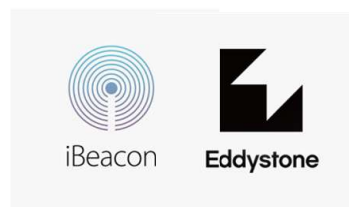


## K8 Beacon

### Location Beacon



- Up to 4 years battery life
- Waterproof IP65
- Additional motion sensor available
- iBeacon, Eddystone (UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



## Description

K8 Beacon is a portable beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

It has two screw holes, can be easily installed, K8 has very strong signal. It is with durable and industrial design, it can be used in harsh environment. K8 is designed for commercial advertising and location-based service indoor or outdoor.

K8 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K8 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

## Specification

Size	Dia 47mm*15mm	BLE version	BLE4.0/BLE5.0
Material	ABS+Silicone	Protocol	iBeacon/Eddystone/KSensor
Color	White, Black (Other colors can be customized)	OTA	Yes
Weight	25g (with battery)	Button	1 button
Battery	CR2477(replaceable)	LED	1 LED
Battery Life	48 months (Base on Broadcast Interval 1 second and TX power 0dBm)	Sensor	Acceleration sensor
Transmit range	100 meters in open area	Buzzer	N/A
Waterproof	IP65	Working temperature	-40℃~+70℃
Chipset	Nordic nRF52 series	Accessory	1*3M sticker; 2*screw

# Features

- Up to 4 years battery life
- Waterproof IP65
- Additional motion sensor available
- Support iBeacon/Eddystone/KSensor
- SDK or Library provided

# Certification

- CE available
- FCC available

# Product Details



## Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.
- Compatible with Apple iBeacon standard.
- Compatible with all Bluetooth Low Energy 4.0/5.0 devices.

## High quality and easy-to-replace battery

- CR2477 coin battery, commonly used and easy to replace.
- Easy to get the real-time battery level notification.

## Configurable Parameters

- UUID, Major, Minor, Device Name, Device ID, Password, Advertising Interval, Tx Power etc.
- iOS and Android Configuration APP.

## Transmission Power Levels

- Adjustable grades.
- Transmission power range: -40dBm to +4dBm.

## Long Range

- Up to 100 meters in the open space;
- The range depends on the environment.

## Security

- 16 Bytes password.
- Support Unconnectable Mode, prevent from malicious connections

## OEM Service

- Logo and device color customizable;
- Provided with your own configuration (with MOQ).
- Additional optional sensors available
- We can also provide users with the same type of products with 3-axis accelerometer according to customer's needs.

## Firmware Update

- Supported update via Over-The-Air (OTA)
- Reserved J-Link port on the board for programming.

# Packing Information

Details	Inner Box (Battery is included)	Outer Carton (Battery is included)
Quantity	36pcs/box	360pcs/carton (10 inner boxes)
Net Weight	0.9KG	9.0KG
Gross Weight	1.0KG	10.3KG
Size	27.5*17.5*5cm	36*24*38cm



# Configurable Parameters

Item	Default setting	Remark
Device Name	KBeacon_XXXXXX	XXXXXX is a 6-digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range: -40dBm~4dBm
Measure Power	-59dBm	RSSI@1m
Connectable Mode	Yes	'Yes' means connectable, 'No' means unconnectable
Beacon Type	iBeacon	Configurable Beacon Types: iBeacon, URL, UID, TLM, KSensor
UUID	7777772E-6B6B-6D63-6E2E-636F6D000001	
Major	Unique	
Minor	Unique	
Namespace ID	0x6B6B6D636E2E636FD01	
Serial ID	0x00000000000001	
Eddystone URL	<a href="http://www.kkmcn.com">www.kkmcn.com</a>	
Password	0000000000000000	

## Contact Information

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