■ YOUR COMPLETE IOT SOLUTIONS PARTNER

KKM

Add:6A-3CDE, Baoneng Science and Technology Industrial Park, Long Hua district, Shenzhen, Guang Dong, China. Website: www.kkmcn.com

K21 Beacon

Keychain Beacon

- With buzzer, can make sound
- Small size, easy to carry
- 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.

Download on the App Store

GET IT ON Google play

iBeacon

Eddystone

Description

K21 Beacon is a portable keychain beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

It has small size. With a keychain hole, K21 Beacon can easily be attached to other objects. K21 Beacon has buzzer, it can make sound. It is designed for people management, asset tracking and indoor location-based service.

K21 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K21 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Specification

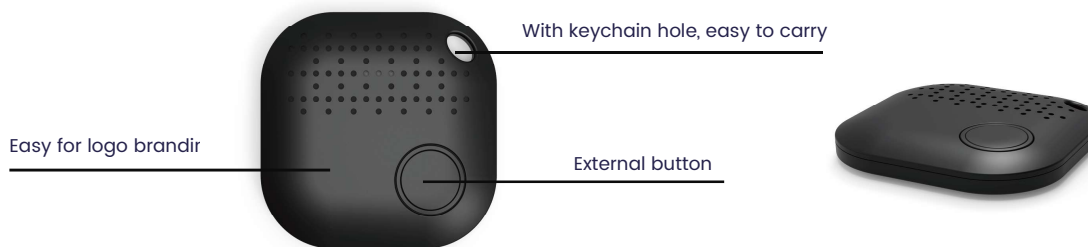|			
Size	36mm*36mm*5.6mm	BLE version	BLE4.0/BLE5.0
Material	ABS	Protocol	iBeacon/Eddystone/KSensor
Color	Black, White, Orange, Red, Green, Dark Blue(Other colors can be customized)	OTA	Yes
Weight	10g (with battery)	Button	1 button
Battery	CR2032(replaceable)	LED	2 LEDs
Battery Life	16 months (Base on Broadcast Interval 1 second and TX power 0dBm)	Sensor	Acceleration sensor
Transmit range	100 meters in open area	Buzzer	yes
Waterproof	N/A	Working temperature	-40℃~+70℃
Chipset	Nordic nRF52 series	Accessory	1*3M sticker

Features

- With buzzer, the sound volume＞85dB
- Support button trigger（SOS button/push button/remote control）
- With acceleration sensor
- Battery life is 16 months, battery is replaceable
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details

Easy for logo brandir

With keychain hole, easy to carry

External button

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
- CR2032 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	108pcs/box	1080pcs/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	XXXXX 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	0x000000000001	
Eddystone URL	www.kkmcn.com	
Password	0000000000000000	

Contact Information

KKM CO.,LTD
Address: 6A-3CDE, Baoneng Science and Technology Industrial Park, Long Hua district, Shenzhen, Guang Dong, China 518109.
Tel: 86-755-28370901   Fax:86-755-84851206
E-mail: sales@kkmcn.com
Website: www.kkmcn.com