



ACES INVENSYS TECHNOLOGIES LLP
E-Mail: letsconnect@acesinvensys.com
Mobile : +91- 8756277623
Website : www.acesinvensys.com



B1 Beacon

SOS/Panic Button Beacon

- Support button trigger
- With a big button, easy to press
- With buzzer, can make sound
- 3 years battery life, battery is replaceable
- All the parameters of this product can be modified via configuration App.



Description

B1 Beacon is a portable Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

B1 Beacon has a big button, easy to press, it can be used as SOS button/panic button. B1 Beacon can be installed on the wall or other objects. It is designed for SOS/panic button and indoor location-based service.

How it works

Once B1 button is pressed, Bluetooth advertisement will be triggered and sent to end user

Specification

Size	Dia 60mm*18mm	BLE version	BLE4.0/BLE5.0
Material	ABS	Protocol	iBeacon/Eddystone
Color	White+Red(Other colors can be customized)	OTA	Yes
Weight	30g (with battery)	Button	1 button
Battery	CR2450 500mAh(replaceable)	LED	Yes
Battery Life	3 years (Base on Broadcast Interval 1 second and TX power 0dBm)	Sensor	N/A
Transmit range	100 meters in open area	Buzzer	Yes
Waterproof	N/A	Working temperature	-40 °C~+70C
Chipset	Nordic nRF52 series	Installation	Double sided adhesive

Features

- Support button trigger(SOS button/push button/remote control)
- With a big button, easy to press
- 3 years battery life, battery is replaceable
- Easy to install
- SDK or Library provided

Certification

- CE available
- FCC available

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 battery and easy-to-replace battery

- CR2450 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

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

Contact Information

KKM CO.,LTD
Nerul ,NAVI MUMBAI , Maharashtra , INDIA

Tel: 91-8756277623
E-mail: letsconnect@acesinvensys.com
Website: www.acesinvensys.com



B2 Beacon

SOS/Panic Button Beacon

- Support button trigger
- With a big button, easy to press
- With buzzer, can make sound
- Battery is replaceable
- All the parameters of this product can be modified via configuration App.



Description

B2 Beacon is a portable Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

B2 Beacon has a big button, easy to press, it can be used as SOS button/panic button. B2 Beacon can be installed on the wall or other objects. It is designed for SOS/panic button and indoor location-based service.

How it works

Specification

Size	Dia 50mm*13mm	BLE version	BLE4.0/BLE5.0
Material	ABS	Protocol	iBeacon/Eddystone
Color	White(Other colors can be customized)	OTA	Yes
Weight	30g (with battery)	Button	1 button
Battery	CR2032 210mAh(replaceable)	LED	Yes
Battery Life	16 months (Base on Broadcast Interval 1 second and TX power 0dBm)	Sensor	N/A
Transmit range	100 meters in open area	Buzzer	Yes
Waterproof	N/A	Working temperature	-40 °C~+70C
Chipset	Nordic nRF52 series	Accessory	N/A

Features

- Support button trigger(SOS button/push button/remote control)
- With a big button, easy to press
- 16 months battery life, battery is replaceable
- Easy to install
- SDK or Library provided

Certification

- CE available
- FCC available

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 battery 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

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x0000000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

Contact Information

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Website: www.acesinvensys.com

F1 Beacon

Rechargeable Keychain Beacon



- Support button trigger
- Waterproof IP67
- 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

F1 Beacon is a small size portable Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

F1 Beacon has button, can be used as SOS button. It is waterproof IP67 and is rechargeable. With keychain hole, F1 Beacon can be easily attached to a keyring or hung on a lanyard. It is designed for personnel management and indoor location-based service.

F1 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. F1 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- Support button trigger(SOS button/push button/remote control)
- Waterproof IP67
- Additional motion sensor available
- Small size, easy to carry
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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.

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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
		XXXXXX is a 6-digit number

K1 Beacon

Keychain Beacon



- Small size, easy to carry
- NFC optional
- iBeacon, Eddystone(UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

K1 Beacon is portable keychain beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

It has small size. With a keychain hole, K1 Beacon can be easily attached to other objects. It is designed for people management and indoor location-based service.

K1 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K11 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

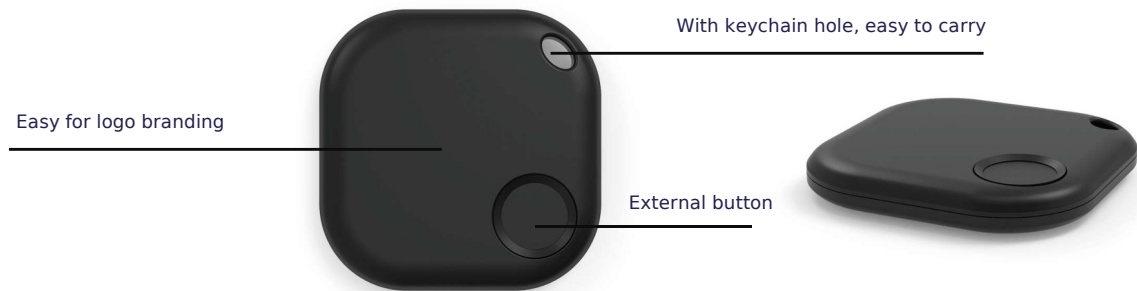
Features

- NFC optional
- Support button trigger (SOS button/push button/remote control)
- Small size, with keychain hole, easy to carry
- Battery life is 16 months, battery is replaceable
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	



K11 Beacon

Keychain Beacon

- Low cost Beacon
- Small size, easy to carry
- NFC optional
- iBeacon, Eddystone(UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



iBeacon



Eddystone

Description

K11 Beacon is a low cost keychain beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

It has small size. With a keychain hole, K11 Beacon can be easily attached to other objects. It is designed for people management and indoor location-based service.

K11 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K11 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

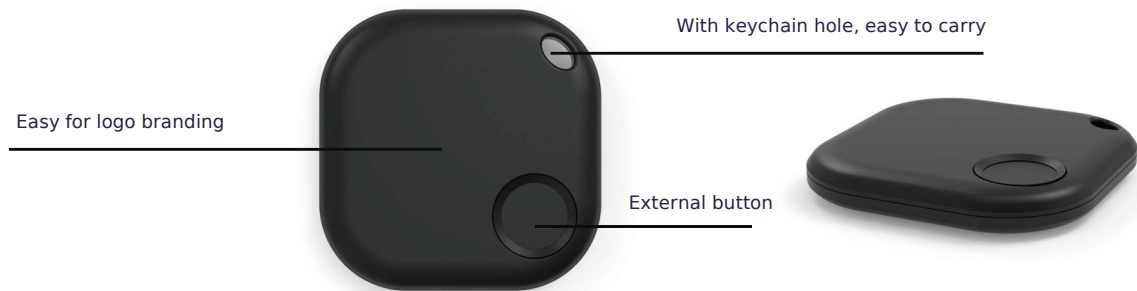
Features

- Low cost Beacon, price is competitive
- Support button trigger (SOS button/push button/remote control)
- NFC optional
- Battery life is 16 months, battery is replaceable
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

K12 Beacon

Waterproof Beacon



- Waterproof IP67
- Small size, battery life is 3 years
- iBeacon, Eddystone (UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

K12 Beacon is a portable beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K12 Beacon has screws holes, it can be easily installed. K12 Beacon is waterproof IP67. It is designed for commercial advertising and indoor and outdoor location-based service.

K12 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K12 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- Waterproof IP67
- Low cost Beacon, price is competitive
- With screw holes, easy to install
- Small size, battery life is 3 years
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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	Outer Carton (Battery is included)
Quantity	1000pcs/carton (Individual PE bag packaging)
Net Weight	13.0KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

K15/K15A Beacon

Asset Tracking Beacon



- Mini size, easy to carry and attach
- Additional motion sensor available
- With battery insulating tab
- iBeacon, Eddystone(UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

K15/K15A Beacon is a low cost keychain beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K15/K15A has small size, with a keychain hole, K15/K15A Beacon is easy to carry, and it is thin and light, can be mounted on any assets with double-sided 3M tape. It is designed for asset tracking and indoor location-based service.

K15/K15A Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K15/K15A Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- Mini size, easy to carry and install
- Acceleration sensor optional
- With insulating tab to prevent battery loss before using
- Battery life is 18 months, battery is replaceable.
- SDK or Library provided

Certification

- CE available
- FCC available

Product



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

Long Range

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

Security

- 16 Bytes encrypted 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.

Default Broadcast Content

- Device Name
- Mac Address
- iBeacon (Including UUID, Major, Minor)

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXXX (ID) is a 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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

K15L Beacon

Asset Tracking Beacon



- Support custom broadcast content
- Support iBeacon & Eddystone
- Support BLE5.1 AOA CTE
- Support encrypted broadcast
- Mini size, easy to carry and attach
- Ultra-low cost Beacon



Description

K15L Beacon is a low cost beacon tag with ultra low power chipset and BLE 5.0/5.1 technology. It supports BLE5.1 AoA function. K15L is a one time programmable Beacon and reprogramming is not supported.

K15L has small size, with a keychain hole, K15L Beacon is easy to carry, and it is thin and light, can be mounted on any assets with double-sided 3M tape. It is designed for asset tracking and indoor location-based service.

K15L Beacon broadcasts 2.4GHz radio signals at regular intervals. K15L Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0/5.1 enabled devices.

Features

- Mini size, easy to carry and install
- Very low cost BLE Beacon
- Support BLE5.1 AoA function
- OTP (One Time Programmable),reprogramming is not supported
- With insulating tab to prevent battery loss before use
- Battery lifetime is 15 months, battery is replaceable
- Support custom parameters
- Support broadcasting maximum 3 slots simultaneously
- Minimum working voltage is 1.1V
- Support custom broadcast message content (broadcast temperature, voltage, etc.)
- Supports encryption of broadcast content with AES-128
- Support anti-cloning: time-varying payload in the Beacon

Certification

- CE available
- FCC available

Product

Keychain hole

Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.
- Compatible with Apple iBeacon standard.
- Compatible with all Bluetooth Low Energy 4.0/5.0/5.1 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.

Customizable Parameters

- UUID, Major, Minor, Device Name, Device ID, Password, Advertising Interval, Tx Power etc.
- Parameters can be customized before delivery, modifying parameters is not supported after the parameters are programmed to the device.

Transmission Power Levels

- Customizable 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 encrypted password.
- K15L is unconnectable, prevent from malicious connections.

Default Parameters (parameters can be customized)

Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXXX (ID) is a digit number
Adv Interval	1000ms	Customizable range: 100~10000ms
Tx Power	0dBm	Customizable range:-40dBm~4dBm
Measure Power	-59dBm	RSSI@1m
Connectable Mode	Yes	'Yes'means connectable, 'No'means unconnectable
Beacon Type	iBeacon	Customizable Beacon Types: iBeacon, URL,UID,TLM
UUID	7777772E-6B6B-6D63-6E2E-636F6D000001	
Major	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

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.



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.

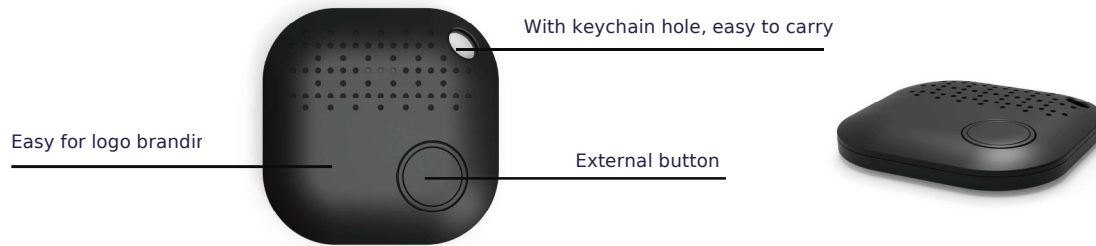
Features

- 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



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	



K23 Beacon

Temperature-Humidity Beacon

- With temperature-humidity sensor
- Real-time monitoring
- Support trigger function
- With data logger
- All the parameters of this product can be modified via configuration App.



Description

K23 Beacon is a portable keychain beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K23 has a keychain hole, it is easy to carry and can also be attached to other objects by double-sided tape. K23 has a high-accuracy temperature-humidity sensor. It is designed for temperature & humidity detection, asset tracking, indoor location-based service etc.

K23 Beacon support real-time temperature & humidity monitoring and it also have data logger, It can store maximum 40000 temperature-humidity data records.

Temperature&Humidity sensor accuracy

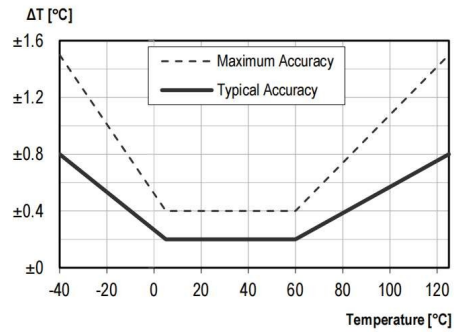


Figure 1: Typical and maximal tolerance
for temperature sensor in °C

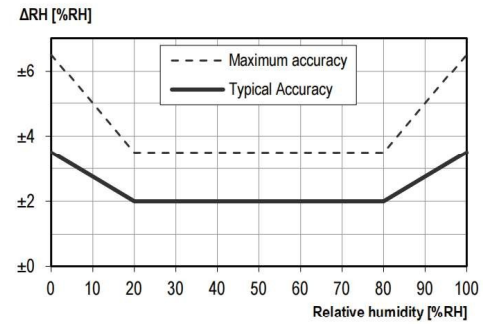


Figure 2: Typical and maximal tolerance for relative
humidity sensor in %RH at 25°C

Features

- High-accuracy temperature-humidity sensor inside
- Support temperature&humidity threshold trigger
- Real-time temperature & humidity monitoring
- With temperature&humidity data logger.
- Can store maximum 40000 temperature & humidity data records

Certification

- CE available
- FCC available

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

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	KBPro_XXXXXX	XXXXXX is a 6-digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range:-40dBm~4dBm

K3 Beacon

Waterproof Beacon



- Waterproof IP68
- Up to 4 years battery life
- 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

K3 Beacon is a portable beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K3 Beacon is waterproof IP68. It has 3M stape on back side and is easily attached to other objects. It is designed for commercial advertising and indoor and outdoor location-based service.

K3 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K3 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- Waterproof IP68
- Up to 4 years battery life
- 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.

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	Outer Carton (Battery is included)
Quantity	400pcs/carton (Individual PE bag packaging)
Net Weight	14.8KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	



K4/K41/K4p Beacon

Waterproof Beacon

- Up to 4 years battery life
- Waterproof IP67, replaceable battery
- Additional accelerometer available
- With temperature sensor (K4)
- All the parameters of this product can be modified via configuration App.



iBeacon



Eddystone

Description

K4/K41/K4p Beacon is a waterproof beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

It has two screw holes, can be easily installed, K4/K41/K4p has very strong signal. It has durable and industrial design, it can be used in harsh environment. K4/K41/K4p is designed for commercial advertising and location-based service indoor or outdoor.

K4/K41/K4p Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K4/K41/K4p Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Feature Matrix

Model Name	TX Power (Maximum)	Range	Long range	Accelerometer
K4	4 dBm	100m	N/A	YES
K41	4 dBm	100m	N/A	N/A
K4p	8 dBm	300m	Supported	YES

Features

- Up to 4 years battery life, battery is replaceable
- Waterproof IP67
- Additional accelerometer available
- With temperature sensor (K4)
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details

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 encrypted 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.

Details	Inner Box (Battery is included)	Outer Carton (Battery is included)
Quantity	30pcs/box	300pcs/carton (10 inner boxes)
Net Weight	0.75KG	7.5KG
Gross Weight	0.89KG	9.4KG
Size	27.5*17.5*5cm	36*24*38cm



Configurable Parameters

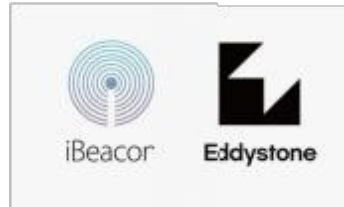
Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXXX (ID) is a digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range:-40dBm~4dBm
Measure Power	-59dBm	RSSI@1m
Connectable Mode	Yes	'Yes'means connectable, 'No'means unconnectable
Beacon Type	iBeacon+TLM	Configurable Beacon Types: iBeacon, URL,UID,TLM,KSensor
UUID	7777772E-6B6B-6D63-6E2E-636F6D000001	
Model		

K41 Beacon

Waterproof Beacon



- Up to 4 years battery life
- Waterproof IP67 , replaceable battery
- iBeacon, Eddystone(UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

K41 Beacon is a waterproof beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

It has two screw holes, can be easily installed, K41 has very strong signal. It is with durable and industrial design, it can be used in harsh environment. K41 is designed for commercial advertising and location-based service indoor or outdoor.

K41 Beacon broadcasts 2.4 GHz radio signals at regular and adjustable intervals. K41 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- Up to 4 years battery life, battery is replaceable
- Waterproof IP67
- Optional motion sensor
- Support iBeacon/ Eddystone/ KSensor
- SDK or Library provided

Certifi cation

- CE available
- FCC available

Product Details

suitable for printing or QR code



Holes for screws mounting

Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.
- Compatible with Apple iBeacon standard

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	3 0 pcs/ box	3 0 0 pcs/ carton (1 0 inner boxes)
Net Weight	0.75KG	7.5KG
Gross Weight	0.88KG	8.4KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXXX is a 6 - digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0 dBm	Configurable range: - 40 dBm~ 4 dBm
Measure Power	- 5.9 dBm	RSSI@1m
Connectable Mode	Yes	' Yes' means connectable, ' No' means unconnectable
Beacon Type	iBeacon	Configurable Beacon Types: iBeacon, URL, UID, TLM, KSensor
UUID	77 77772E-6B6B -6D63-6E2E-636F6D000001	
Major	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000000 1	
Serial ID	0x00000000000001	
Eddystone URL	www.kkmcn.com	
Password	0000000000000000 0	



K4pt Beacon

Waterproof temperature Beacon

- Support BLE5.0 coded PHY long range
- With high-accuracy temperature sensor
- Waterproof IP67, replaceable battery
- Up to 4 years battery life
- Additional accelerometer available
- All parameters are configurable



Description

K4pt Beacon is a waterproof beacon with ultra low power chipset nRF52 series and BLE 5.0/5.1 technology. It supports BLE 5.0 coded PHY long range feature. And the hardware supports BLE5.1 AoA feature.

K4pt Beacon has small size and its battery can be easily replaced, K4pt has temperature sensor. It is with durable and industrial design, it can be used in harsh environment. K4pt is designed for temperature detection and location-based service.

K4pt Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K4pt Beacon can communicate and integrate with iOS, Android or other BLE4.0/5.0/5.1 enabled devices.

Features

- Support BLE5.0 Features(coded PHY long range, extend advertisement 255 Byte, 2Mbps advertisement)
- With high-accuracy temperature humidity sensor
- Hardware support BLE5.1 AoA feature
- Waterproof IP67, battery is replaceable
- Additional accelerometer available
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details

suitable for printing or QR code



Holes for screws mounting

Transmission Power Levels

- Adjustable grades.
- Transmission power range: -40dBm to +8dBm.

Long Range

- Up to 300 meters in the open space;
- The range depends on the environment.

Security

- 16 Bytes encrypted 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.

Default Broadcast Content

- Device Name
- Mac Address

XS-001 (the default broadcast content)



Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXX	XXXXX(ID) is a digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range:-40dBm~4dBm
Measure Power	-59dBm	RSSI@1m
Connectable Mode	ON	'ON' means connectable, 'OFF' means unconnectable
Beacon Type	KSensor	Configurable Beacon Types: iBeacon, URL, UID, TLM, KSensor, System
Sensor	Temperature&humidity sensor	
UUID	7777772E-6B6B-6D63-6E2E-636F6D000001	
Major	Unique	
Minor	Unique	
Namespace ID	0x000000000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	

K5/K51/K5p Beacon

Waterproof Beacon



- Up to 4 years battery life
- Waterproof IP67, replaceable battery
- Additional accelerometer available
- With temperature sensor (K5)
- All the parameters of this product can be modified via configuration App.



iBeacon



Eddystone

Description

K5/K51/K5p Beacon is a waterproof beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K5/K51/K5p Beacon has small size, and its battery can be easily replaced, K5/K51/K5p has very strong signal. It is with durable and industrial design, it can be used in harsh environment. K5/K51/K5p is designed for commercial advertising and location-based service indoor or outdoor.

K5/K51/K5p Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K5/K51/K5p Beacon can communicate and integrate with iOS, Android or other BLE4.0/5.0

Feature Matrix

Model Name	TX Power (Maximum)	Range	Long range	Accelerometer
K5	4 dBm	100m	N/A	YES
K51	4 dBm	100m	N/A	N/A
K5p	8 dBm	300m	Supported	YES

Features

- Up to 4 years battery life, battery is replaceable
- Waterproof IP67
- Additional accelerometer available
- With temperature sensor (K5)
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



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 encrypted 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.

Details	Inner Box (Battery is included)	Outer Carton (Battery is included)
Quantity	30pcs/box	300pcs/carton (10 inner boxes)
Net Weight	0.75KG	7.5KG
Gross Weight	0.89KG	9.4KG
Size	27.5*17.5*5cm	36*24*38cm



Configurable Parameters

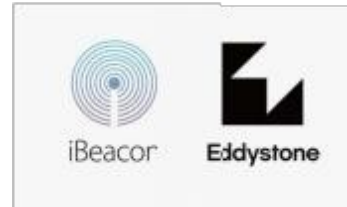
Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXXX (ID) is a digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range:-40dBm~4dBm
Measure Power	-59dBm	RSSI@1m
Connectable Mode	Yes	'Yes'means connectable, 'No'means unconnectable
Beacon Type	iBeacon+TLM	Configurable Beacon Types: iBeacon, URL,UID,TLM,KSensor
UUID	7777772E-6B6B-6D63-6E2E-636F6D000001	

K51 Beacon

Waterproof Beacon



- Up to 4 years battery life
- Waterproof IP67 , replaceable battery
- iBeacon, Eddystone(UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

K51 Beacon is a waterproof beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K51 Beacon has small size, and its battery can be easily replaced, K51 has very strong signal. It is with durable and industrial design, it can be used in harsh environment. K51 is designed for commercial advertising and location-based service indoor or outdoor.

K51 Beacon broadcasts 2.4 GHz radio signals at regular and adjustable intervals. K51 Beacon can communicate and integrate with iOS, Android or other BLE4.0/5.0 enabled devices.

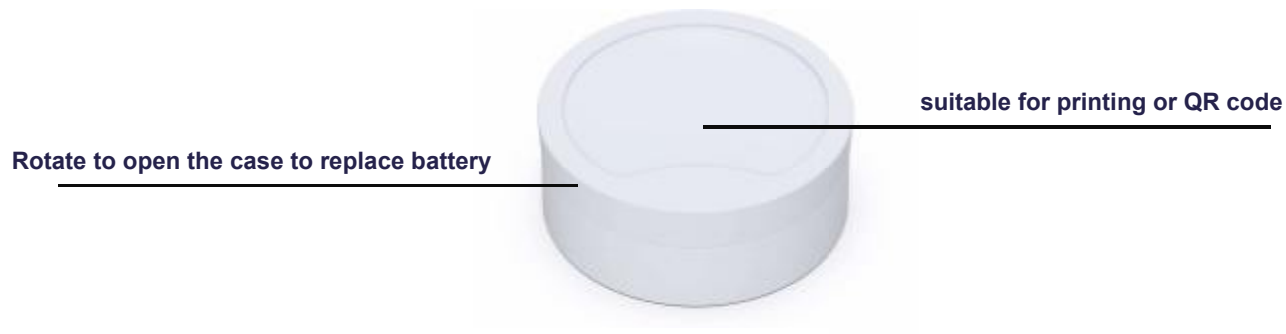
Features

- Up to 4 years battery life, battery is replaceable
- Waterproof IP67
- Optional motion sensor
- 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

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	3 0 pcs/ box	3 0 0 pcs/ carton (1 0 inner boxes)
Net Weight	0.75KG	7.5KG
Gross Weight	0.88KG	8.4KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXX is a 6- digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range: -40 dBm~ 4 dBm
Measure Power	-59 dBm	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	1	
Minor	1	
Namespace ID	0x6B6B6D636E2E636FD01	
Serial ID	0x00000000000001	
Eddystone URL	www.kkmcn.com	
Password	0000000000000000	

K5P Beacon

Long Range Beacon



- Support BLE5.0 long range
- Waterproof IP67, replaceable battery
- Up to 4 years battery life
- iBeacon, Eddystone(UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



iBeacon



Eddystone

Description

K5P Beacon is a waterproof beacon with ultra low power chipset nRF52 series and BLE 5.0/5.1 technology. It supports BLE 5.0 long range and all other features. And the hardware supports BLE5.1 AoA feature.

K5P Beacon has small size, and its battery can be easily replaced, K5P has very strong signal. It is with durable and industrial design, it can be used in harsh environment. K5P is designed for commercial advertising and location-based service indoor or outdoor.

K5P Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K5P Beacon can communicate and integrate with iOS, Android or other BLE4.0/5.0/5.1 enabled devices.

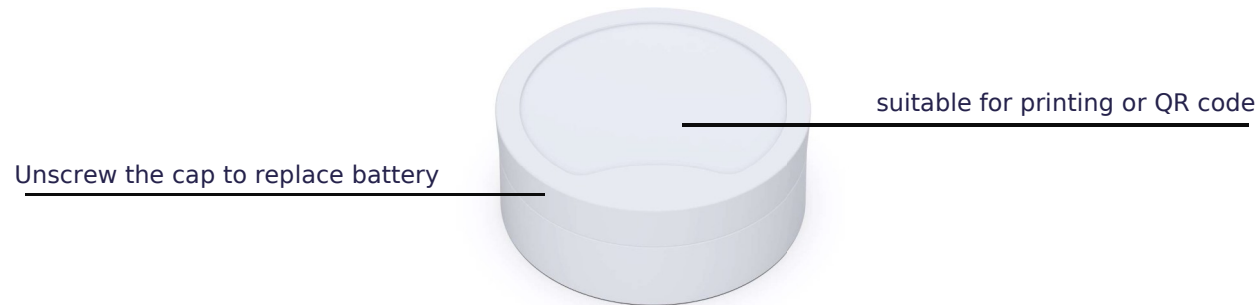
Features

- Support BLE5.0 Features(Long range, extend advertisement 255 Byte, 2Mbps advertisement)
- Hardware support BLE5.1 AoA feature
- Waterproof IP67, battery is replaceable
- Additional motion sensor available
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

Long Range

- Up to 300 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	30pcs/box	300pcs/carton (10 inner boxes)
Net Weight	0.75KG	7.5KG
Gross Weight	0.88KG	8.4KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

K5pt Beacon

Waterproof temperature Beacon



- Support BLE5.0 coded PHY long range
- With high-accuracy temperature sensor
- Waterproof IP67, replaceable battery
- Up to 4 years battery life
- Additional accelerometer available
- All parameters are configurable



Description

K5pt Beacon is a waterproof beacon with ultra low power chipset nRF52 series and BLE 5.0/5.1 technology. It supports BLE 5.0 coded PHY long range feature. And the hardware supports BLE5.1 AoA feature.

K5pt Beacon has small size and its battery can be easily replaced, K5pt has temperature sensor. It is with durable and industrial design, it can be used in harsh environment. K5pt is designed for temperature detection and location-based service.

K5pt Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K5pt Beacon can communicate and integrate with iOS, Android or other BLE4.0/5.0/5.1 enabled devices.

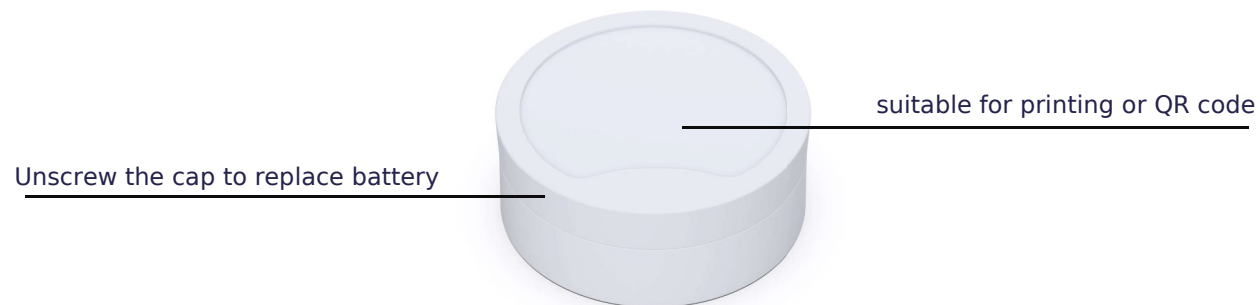
Features

- Support BLE5.0 Features(coded PHY long range, extend advertisement 255 Byte, 2Mbps advertisement)
- With high-accuracy temperature humidity sensor
- Hardware support BLE5.1 AoA feature
- Waterproof IP67, battery is replaceable
- Additional accelerometer available
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Transmission Power Levels

- Adjustable grades.
- Transmission power range: -40dBm to +8dBm.

Long Range

- Up to 300 meters in the open space;
- The range depends on the environment.

Security

- 16 Bytes encrypted 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.

Default Broadcast Content

- Device Name
- Mac Address



Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXX	XXXXX(ID) is a digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range:-40dBm~4dBm
Measure Power	-59dBm	RSSI@1m
Connectable Mode	ON	'ON' means connectable, 'OFF' means unconnectable
Beacon Type	KSensor	Configurable Beacon Types: iBeacon, URL, UID, TLM, KSensor, System
Sensor	Temperature&humidity sensor	
UUID	7777772E-6B6B-6D63-6E2E-636F6D000001	
Major	Unique	
Minor	Unique	
Namespace ID	0x000000000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	



K61/K6P Beacon

Temperature-Humidity Beacon

- 8 years battery life
- Temperature-Humidity & Accelerometer
- Smart trigger function
- Temperature/humidity data logger
- Optional extended sensor probe
- Parameters of this product can be configured via configuration App.



Description

K6/K61/K6p Beacon is portable Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K6/K61/K6p has two screw holes, can be easily installed. K6/K61/K6p has a high-accuracy Temperature-Humidity sensor and 3-axis accelerometer optional, it is designed for temperature & humidity detection, asset tracking, indoor location-based service etc.

K6/K61/K6p Beacon support real-time temperature & humidity monitoring and it also have data logger, It can store maximum 40000 temperature-humidity data records.

Feature Matrix

Model Name	Extended Probe	TX Power (Maximum)	Range	Long range	Temperature Sensor	Humidity Sensor	Temperature Range	Accelerometer
K6	N/A	4 dBm	100m	N/A	YES	YES	-30 °C~60°C (-22 °F~140°F)	YES
K6l	N/A	4 dBm	100m	N/A	YES	YES	-30 °C~60°C (-22 °F~140°F)	N/A
K6p	N/A	8 dBm	300m	Supported	YES	YES	-30 °C~60°C (-22 °F~140°F)	YES
K6ps	YES	8 dBm	300m	Supported	YES	YES	-40 °C~125°C (-40 °F~257°F)	YES
K6pb	YES	8 dBm	300m	Supported	YES	N/A	-70 °C~150°C (-94 °F~302°F)	YES
K6pt	YES	8 dBm	300m	Supported	YES	N/A	-100°C~500°C (-148°F~932°F)	YES

Temperature&Humidity sensor accuracy

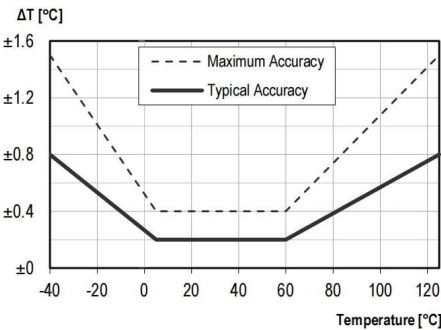


Figure 1: Typical and maximal tolerance for temperature sensor in°C

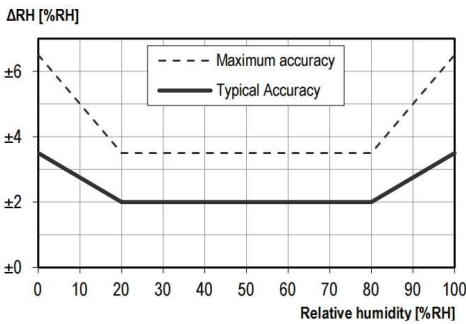
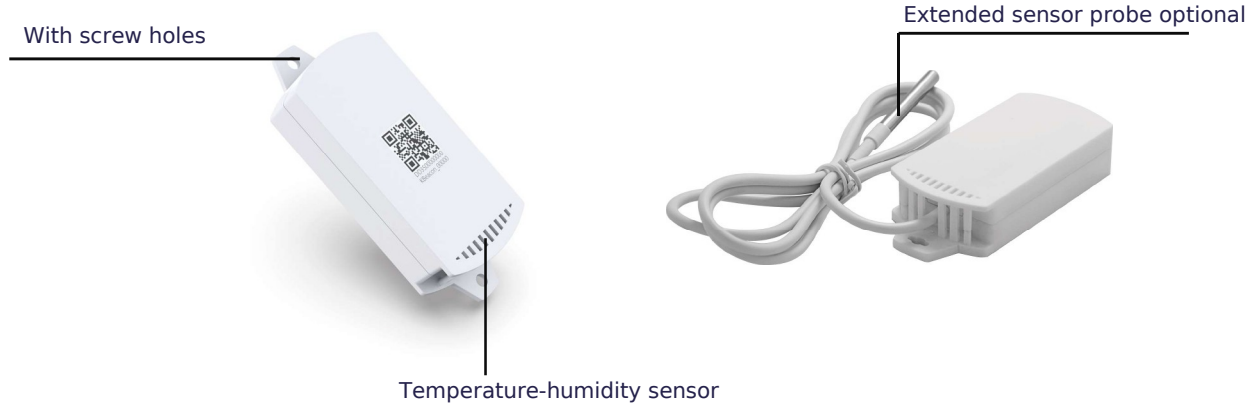


Figure 2: Typical and maximal tolerance for relative humidity sensor in %RH at 25

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 battery

- 3.6V 2600mAh ER14505 Lithium battery, battery life is more than 8 years.
- Easy to get the real-time battery level notification.

Security

- 16 Bytes encrypted 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.

Default Broadcast Content

- Device Name
- Mac Address
- KSensor (Including Battery Level, Temperature, Humidity)

Packing Information

Details	Inner Box (Battery is included)	Outer Carton (Battery is included)
Quantity	6pcs/box	204pcs/carton (34 inner boxes)

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXX	XXXXX(ID) is a digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range:-40dBm~4dBm
Measure Power	-59dBm	RSSI@1m
Connectable Mode	ON	'ON'means connectable, 'OFF'means unconnectable
Beacon Type	KSensor	Configurable Beacon Types: iBeacon, URL,UID,TLM,KSensor,System
Sensor	Temperature&humidity sensor	
UUID	7777772E-6B6B-6D63-6E2E-636F6D000001	
Major	Unique	
Minor	Unique	
Namespace ID	0x00000000000000000001	
Serial ID	0x000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	



Optional probe

■ ■ Beacon

■ ■ ■ ■ Temperature-humidity Beacon

- ■ ■ ■ 8 years battery life
- ■ ■ ■ Temperature-Humidity & Acceleration sensor
- ■ ■ ■ Start trigger function
- ■ ■ ■ Temperature/humidity data logger
- ■ ■ ■ Optional extended sensor probe
- ■ ■ ■ parameters of this product can be ■ ■ ■ ■ ed via configuration App.



Description

K6 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. K6 has a high-accuracy Temperature-Humidity sensor and 3-axis accelerometer , it is designed for temperature & humidity detection, asset tracking, indoor location-based service etc.

K6P Beacon support real-time temperature & humidity monitoring and it also have data logger, It can store maximum 40000 temperature-humidity data records.

Temperature&Humidity sensor accuracy

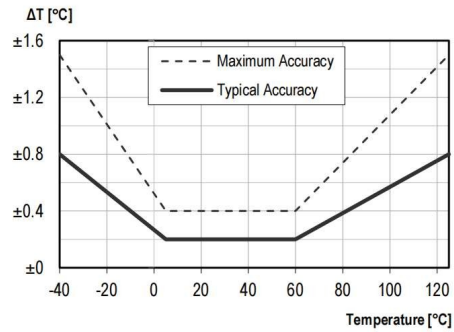


Figure 1: Typical and maximal tolerance
for temperature sensor in $^{\circ}\text{C}$

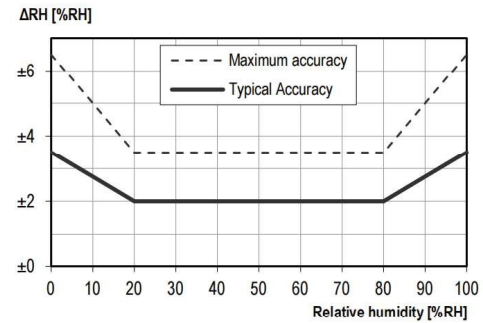


Figure 2: Typical and maximal tolerance for relative
humidity sensor in $\% \text{RH}$ at 25°C

Features

- With Temperature-Humidity & Acceleration sensor
- Support motion trigger & temperature/humidity threshold trigger
- Support temperature/humidity data logger
- Optional extended sensor probe
- Up to 8 years battery life
- Waterproof IP63

Certification

- CE available
- FCC available

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 battery

- 3.6V 2600mAh ER14505 Lithium battery, battery life is more than 8 years.
- 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

Packing Information

Details	Inner Box (Battery is included)	Outer Carton (Battery is included)
Quantity	6pcs/box	204pcs/carton (34 inner boxes)
Net Weight	0.25KG	8.6KG
Gross Weight	0.32KG	11.3KG
Size	16.5*10*4.5cm	36*24*38cm



Configurable Parameters

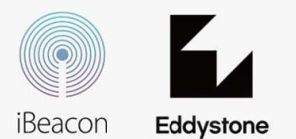
Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXX is a 6-digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range:-40dBm~4dBm



K61 Beacon

Temperature-Humidity Beacon

- 8 years battery life
- Temperature-Humidity & Acceleration sensor
- Smart trigger function
- Temperature/humidity data logger
- Optional extended sensor probe
- Parameters of this product can be configured via configuration App.



Description

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. It has a high-accuracy Temperature-Humidity sensor and 3-axis accelerometer, it is designed for temperature & humidity detection, asset tracking, indoor location-based service etc.

Beacon support real-time temperature & humidity monitoring and it also have data logger, It can store maximum 40000 temperature-humidity data records.

Temperature&Humidity sensor accuracy

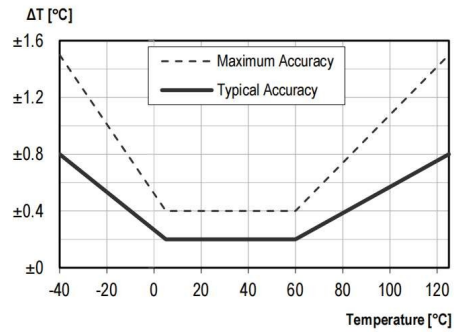


Figure 1: Typical and maximal tolerance
for temperature sensor in °C

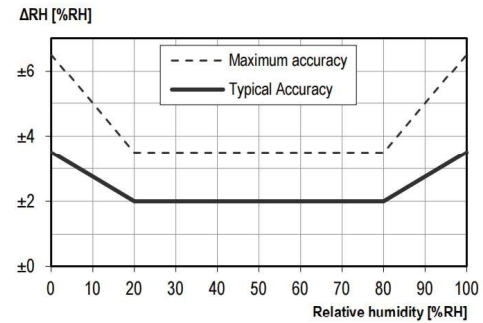


Figure 2: Typical and maximal tolerance for relative
humidity sensor in %RH at 25°C

Features

- With Temperature-Humidity & Acceleration sensor
- Support motion trigger & temperature/humidity threshold trigger
- Support temperature/humidity data logger
- Optional extended sensor probe
- Up to 8 years battery life
- Waterproof IP63

Certification

- CE available
- FCC available

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 battery

- 3.6V 2600mAh ER14505 Lithium battery, battery life is more than 8 years.
- 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

Packing Information

Details	Inner Box (Battery is included)	Outer Carton (Battery is included)
Quantity	6pcs/box	204pcs/carton (34 inner boxes)
Net Weight	0.25KG	8.6KG
Gross Weight	0.32KG	11.3KG
Size	16.5*10*4.5cm	36*24*38cm



Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXX is a 6-digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range:-40dBm~4dBm



Optional probe

Beacon

Temperature-humidity Beacon

- Support BLE5.0 long range
- Temperature-Humidity & Acceleration sensor
- 8 years battery life
- Temperature/humidity data logger
- Optional extended sensor probe
- Parameters of this product can be configured via configuration App.



Description

K6P Beacon is a portable Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology. It supports BLE5.0 long range feature.

It has two screw holes, can be easily installed. K6P has a high-accuracy Temperature-Humidity sensor and 3-axis accelerometer, it is designed for temperature & humidity detection, asset tracking, indoor location-based service etc.

K6P Beacon support real-time temperature & humidity monitoring and it also have data logger, It can store maximum 40000 temperature-humidity data records.

Temperature&Humidity sensor accuracy

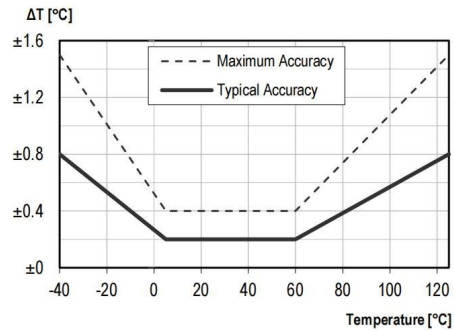


Figure 1: Typical and maximal tolerance
for temperature sensor in $^{\circ}\text{C}$

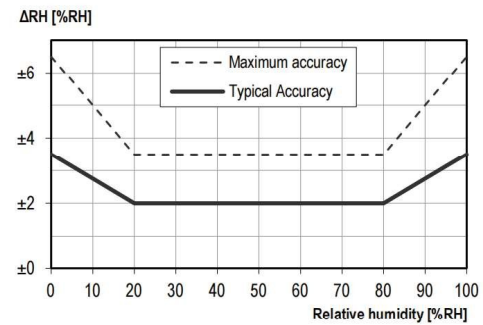


Figure 2: Typical and maximal tolerance for relative
humidity sensor in $\% \text{RH}$ at 25 $^{\circ}\text{C}$

Features

- With Temperature-Humidity & Acceleration sensor
- Support motion trigger & temperature/humidity threshold trigger
- Support temperature/humidity data logger
- Optional extended sensor probe
- Support BLE5.0 long range feature
- Up to 8 years battery life

Certification

- CE available
- FCC available

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 battery

- 3.6V 2600mAh ER14505 Lithium battery, battery life is more than 8 years.
- 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 300 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

Packing Information

Details	Inner Box (Battery is included)	Outer Carton (Battery is included)
Quantity	6pcs/box	204pcs/carton (34 inner boxes)
Net Weight	0.25KG	8.6KG
Gross Weight	0.32KG	11.3KG
Size	16.5*10*4.5cm	36*24*38cm



Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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

Contact Information

KKM CO.,LTD

Nerul ,NAVI MUMBAI , Maharashtra , INDIA

Tel: 91-8756277623

E-mail: letsconnect@acesinvensys.com

Website: www.acesinvensys.com

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ACES INVENSYS TECHNOLOGIES LLP
E-Mail: letsconnect@acesinvensys.com
Mobile : +91- 8756277623
Website : www.acesinvensys.com



- NFC/RFID optional
- Waterproof IP67
- 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

K7 Beacon is a credit card size Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K7 Beacon is waterproof IP67. It is ultra thin and can be easily hung on a lanyard. It is designed for personnel management and indoor location-based service.

K7 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K7 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- NFC/RFID optional
- Waterproof IP67
- Additional motion sensor available
- Support button trigger(SOS button/push button/remote control)
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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	18pcs/box	792pcs/carton (44 inner boxes)
Net Weight	0.36KG	15.8KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	



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By

ACES INVENSYS TECHNOLOGIES LLP
E-Mail: letsconnect@acesinvensys.com
Mobile : +91- 8756277623
Website : www.acesinvensys.com



K7 Beacon

Card Beacon

- NFC/RFID optional
- Waterproof IP67
- 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.



iBeacon



Eddystone

Description

K7 Beacon is a credit card size Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K7 Beacon is waterproof IP67. It is ultra thin and can be easily hung on a lanyard. It is designed for personnel management and indoor location-based service.

K7 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K7 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- NFC/RFID optional
- Waterproof IP67
- Additional motion sensor available
- Support button trigger(SOS button/push button/remote control)
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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	18pcs/box	792pcs/carton (44 inner boxes)
Net Weight	0.36KG	15.8KG

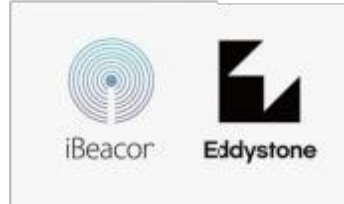
Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

K71 Beacon

Card Beacon

- NFC/RFID optional
- Waterproof IP67
- iBeacon, Eddystone(UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

K71 Beacon is a credit card size Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K71 Beacon is waterproof IP67. It is ultra thin and can be easily hung on a lanyard. It is designed for personnel management and indoor location-based service.

K71 Beacon broadcasts 2.4 GHz radio signals at regular and adjustable intervals. K71 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

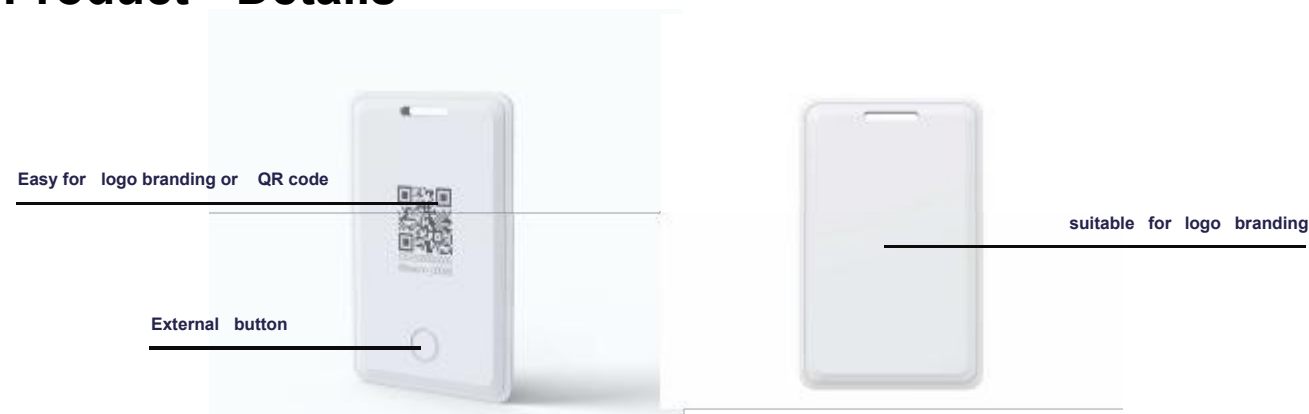
Features

- NFC/RFID optional
- Waterproof IP67
- Optional motion sensor available
- Support button trigger(SOS button/ push button/ remote control)
- SDK or Library provided

Certifi cation

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.
- Compatible with Apple iBeacon standard

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	1 8 pcs/ box	7 9 2 pcs/ carton (4 4 inner boxes)
Net Weight	0.36KG	15.8KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXXX is a 6 - digit number
Adv Interval	1000ms	Configurable range: 100~10000 ms
Tx Power	0 dBm	Configurable range: - 4 0 dBm~ 4 dBm
Measure Power	- 5 9 dBm	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	Major and Minor combination is unique	
Minor		
Namespace ID	0x0000000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.kkmcn.com	
Password	0000000000000000	



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.

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.

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

Configurable Parameters

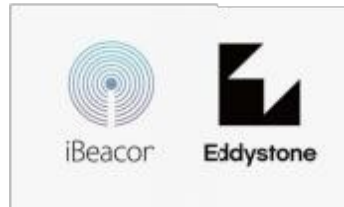
Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXX is a 6-digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range:-40dBm~4dBm
Measure Power	-59dBm	RSSI@1m
Connectable Mode	Yes	'Yes'means connectable, 'No'means unconnectable
Beacon Type	iBeacon	Configurable Beacon Types: iBeacon, URL,UID,TLM,KSensor
UUID	7777772E-6B6B-6D63-6E2E-636F6D000001	
Major	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

K81 Beacon

Location Beacon



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



Description

K81 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, K81 has very strong signal. It is with durable and industrial design, it can be used in harsh environment. K81 is designed for commercial advertising and location-based service indoor or outdoor.

K81 Beacon broadcasts 2.4 GHz radio signals at regular and adjustable intervals. K81 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

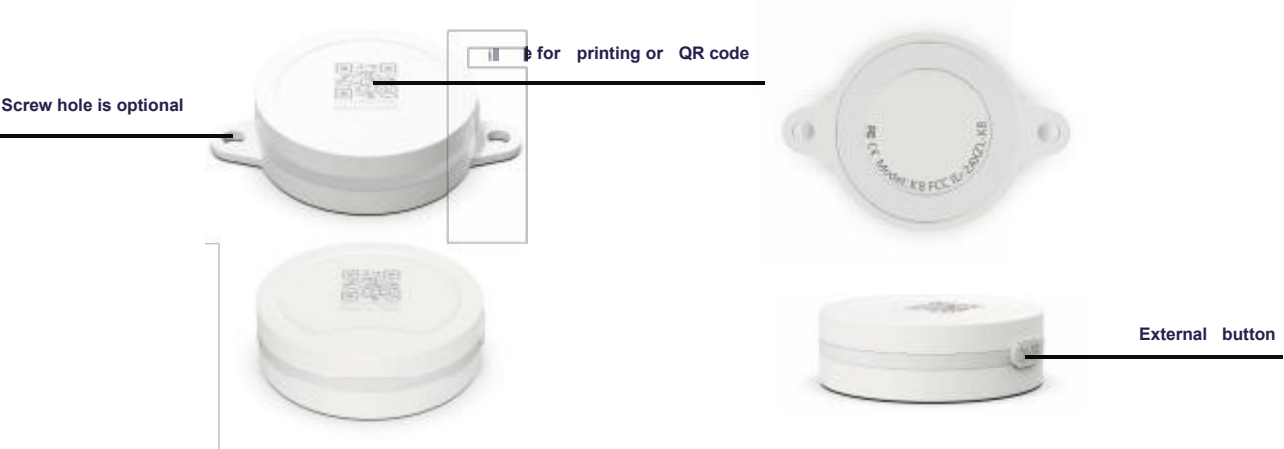
Features

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

Certifi cation

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.
- Compatible with Apple iBeacon standard

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

D e t a i l s	Inner Box (Battery is included)	Outer Carton (Battery is included)
Quantity	36 pcs/ box	360pcs/carton (10 inner boxes)
Net Weight	0.9KG	9.0KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXXX is a 6 - digit number
Adv Interval	1000ms	Configurable range: 100~10000 ms
Tx Power	0 dBm	Configurable range: - 40 dBm~ 4 dBm
Measure Power	- 59 dBm	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	Major and Minor combination is unique	
Minor		
Namespace ID	0x0000000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.kkmcn.com	
Password	0000000000000000	

K9 Beacon

Ultra long battery life Beacon



- Up to 8 years battery life
- Waterproof IP67
- 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

K9 Beacon is portable Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K9 Beacon has screw holes, can be easily installed. K9 Beacon battery life is more than 8 years. It is waterproof IP67, and it has durable enclosure, suitable for industrial use. It is designed for asset tracking and indoor location-based service.

K9 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K9 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- Waterproof IP67
- Up to 8 years battery life
- 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.

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	8pcs/box	224pcs/carton (28 inner boxes)
Net Weight	0.32KG	9.0KG

Configurable Parameters

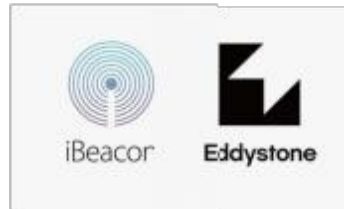
Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXX is a 6-digit number
Adv Interval	1000ms	Configurable range: 100~10000ms
Tx Power	0dBm	Configurable range:-40dBm~4dBm
Measure Power	-59dBm	RSSI@1m
Connectable Mode	Yes	'Yes'means connectable, 'No'means unconnectable
Beacon Type	iBeacon	Configurable Beacon Types: iBeacon, URL,UID,TLM,KSensor
UUID	7777772E-6B6B-6D63-6E2E-636F6D000001	
Major	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

K91 Beacon

Ultra long battery life Beacon



- Up to 8 years battery life
- Waterproof IP67
- Optional motion sensor
- iBeacon, Eddystone (UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

K91 Beacon is portable Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

K91 Beacon has screw holes, can be easily installed. K91 Beacon battery life is more than 8 years. It is waterproof IP67, and it has durable enclosure, suitable for industrial use. It is designed for asset tracking and indoor location-based service.

K91 Beacon broadcasts 2.4 GHz radio signals at regular and adjustable intervals. K91 Beacon can communicate and integrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- Waterproof IP67
- Up to 8 years battery life
- Optional motion sensor available
- Support iBeacon/ Eddystone/ KSensor
- SDK or Library provided

Certifi cation

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.
- Compatible with Apple iBeacon standard

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	8 pcs/ box	2 2 4 pcs/ carton (2 8 inner boxes)
Net Weight	0.32KG	9.0KG
Quantity		

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXX is a 6 - digit number
Adv Interval	1000ms	Configurable range: 100~10000 ms
Tx Power	0 dBm	Configurable range: - 40 dBm~ 4 dBm
Measure Power	- 59 dBm	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	Major and Minor combination is unique	
Minor		
Namespace ID	0 x0000000000000000000001	
Serial ID	0 x00000000000001	
Eddystone URL	www.kkmcn.com	
Password	0000000000000000	

K9P Beacon

Long range Beacon



- Support BLE 5.0 long range
- Up to 8 years battery life
- Waterproof IP67
- iBeacon, Eddystone(UUID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



iBeacon



Eddystone

Description

K9P Beacon is portable Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology. It supports BLE 5.0 long range feature.

K9P Beacon has screw holes, can be easily installed. K9P Beacon battery life is more than 8 years. It is waterproof IP67, and it has durable enclosure, suitable for industrial use. It is designed for asset tracking and indoor location-based service.

K9P Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. K9P Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- Support BLE5.0 long range feature
- Up to 8 years battery life
- Waterproof IP67
- 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.

Long Range

- Up to 300 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	8pcs/box	224pcs/carton (28 inner boxes)
Net Weight	0.32KG	9.0KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	



P1 Beacon

Pallet Tracking Beacon

- Waterproof IP68
- With thickened shell, shockproof IK08
- Up to 4 years battery life
- Additional accelerometer available
- All the parameters of this product can be modified via configuration App.



Description

P1 Beacon is a IP68 waterproof and IK08 shockproof beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

It has two screw holes, can be easily installed. P1 has very strong signal. It has durable and industrial design, it can be used in harsh environment. P1 Beacon is designed for pallet tracking and location-based service indoor or outdoor.

P1 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. P1 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- Waterproof IP68
- With thickened shell, shockproof IK08
- Up to 4 years battery life
- Additional accelerometer available
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

Long Range

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

Security

- 16 Bytes encrypted 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.

Default Broadcast Content

- Device Name
- Mac Address
- iBeacon (Including UUID, Major, Minor)

Configurable Parameters

Item	Default setting	Remark
Device Name	KPDev_XXXXXXXX	XXXXXXXX (ID) is a digit number

■2 Beacon

■ini PVC Beacon



- Mini size, ultra thin, easy to attach
- Ultra light weight 1.2g
- Waterproof IP67
- Support iBeacon, Eddystone(UUID, URL, TLM)
- All the parameters can be modified on ■■nfiguration App.



Description

P2 Beacon is a mini size PVC beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

P2 is ultra thin and has a light weight 1.2g, can be attached to any assets with 3M double-sided tape. It is designed for asset tracking and indoor location-based service.

P2 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. P2 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

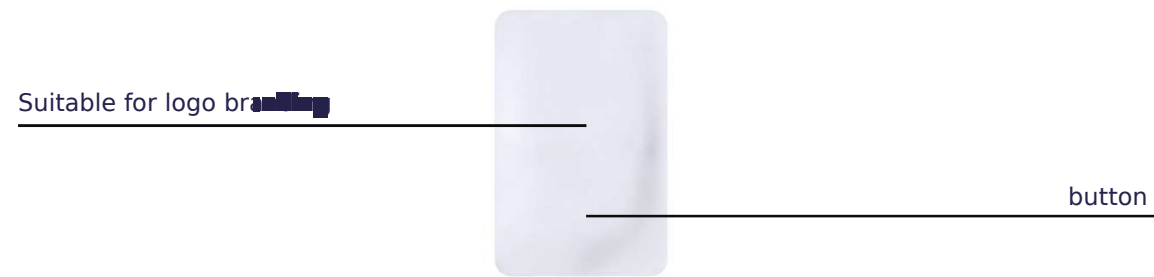
Features

- Mini size, ultra thin, easy to attach
- Ultra light weight 1.2g
- Waterproof IP67
- Low cost Beacon
- SDK or Library provided

Certification

- CE available
- FCC available

Product Demo



Compatibility

- Supported iOS 11.0 and above

Long Range

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

Security

- 16 Bytes encrypted 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.

Default Broadcast Content

- Device Name
- Mac Address
- iBeacon (Including UUID, Major, Minor)

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXXX	XXXXXX (ID) is a 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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	



S1 Beacon

Door Sensor Beacon

- With magnetic sensor
- Support real-time monitoring
- Support trigger function
- Can store maximum 40000 data records
- Support sleep mode



Description

S1 Beacon is a magnetic door sensor Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

S1 consists of two parts, the sensor body and the magnetic part. S1 comes with double sided adhesive on the back side, it can be installed on the doors, windows and even desk drawer to detect the opening and closing of doors. It is designed for monitoring the door/window activities remotely.

When S1 detects that the door is opened, it will automatically send notification to end user application to remind the user, and the user can check the door opening records on the App. S1 is suitable for usage scenarios such as security, asset monitoring, cold storage

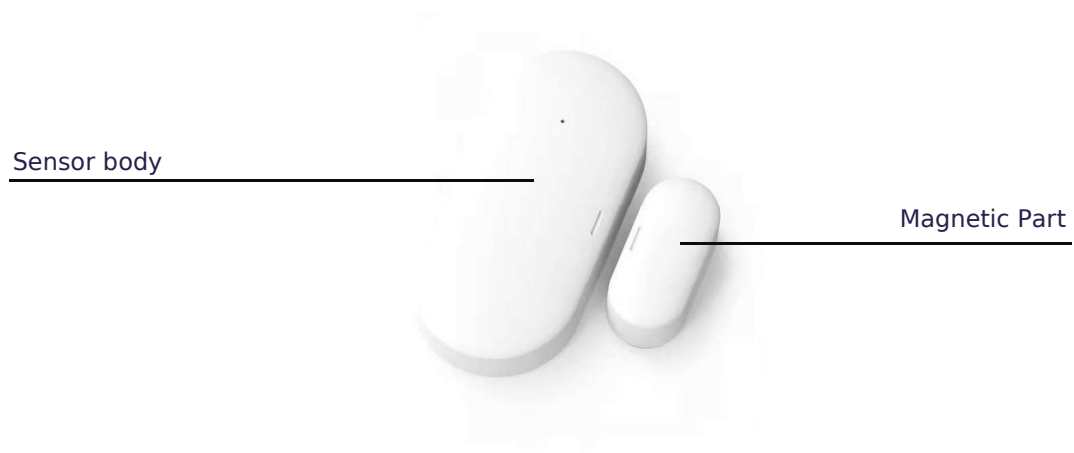
Features

- With magnetic sensor on the sensor body
- Can store maximum 40000 data records
- With tamper alarm
- Support sleep mode, support up to 3 sleep periods
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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.

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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
		XXXXXX is a 6-digit number

S2 Beacon

PIR(Passive Infrared Sensor) Beacon



- Angles adjustable with rotating bracket
- Accurate human body sensing
- 4 years lifetime and replaceable battery
- Support real-time monitoring
- Can store up to 40000 detection records



iBeacon



Eddystone

Description

S2 Beacon is a portable PIR(passive Infrared Sensor) supported Beacon with ultra low power chipset nRF52 series and Bluetooth® LE 5.0 technology .

S2 PIR Beacon has 110° wide angle detection, its angle is adjustable with rotating bracket. It has stylish design and very easy to install on the wall or other objects. S2 PIR Beacon is designed for human body detection such as people counting, door opening/closing, security alarm etc.

Specification

Size	90×52×38mm	BLE version	BLE4.0/BLE5.0
Material	ABS	Protocol	iBeacon/Eddystone/KSensor
Color	White(Other colors can be customized)	OTA	Yes
Weight	96g (with battery)	Button	N/A
Battery	2 x AA battery(replaceable)	LED	2 LEDs
Battery Life	4 years (Base on Broadcast Interval 1 second and TX power 0dBm)	Sensor	PIR(Passive Infrared Sensor)
Transmit range	6-8m PIR detection range 100m BLE range in open space	Buzzer	N/A
Chipset	Nordic nRF52 series	Working temperature	-40 °C~+70C
Data storage	40000	Accessory	3M adhesive tape or screws

Features

- 110° angle adjustable with rotating bracket, 6-8m PIR detection range
- Accurate human body sensing
- 4 years battery life, battery is replaceable
- Can store up to 40000 detection records
- SDK or Library provided

Certification

- CE available
- FCC available

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 battery and easy-to-replace battery

- 2*AA 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 encrypted password.
- Support unconnectable Mode, prevent from malicious connections.

OEM Service

- Logo and device color customizable.

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_XXXXX	XXXXX (ID) is a 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	KSensor	Configurable Beacon Types: iBeacon, URL,UID,TLM,KSensor
UUID	7777772E-6B6B-6D63-6E2E-636F6D000001	
Major	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	



U1 Beacon

Mini USB Beacon

- Mini size
- Powered by USB port
- iBeacon, Eddystone(UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

U1 Beacon is a Mini USB Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

U1 Beacon is 5V USB port powered. It has very strong signal, it is designed for advertising, indoor location-based service.

U1 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. U1 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

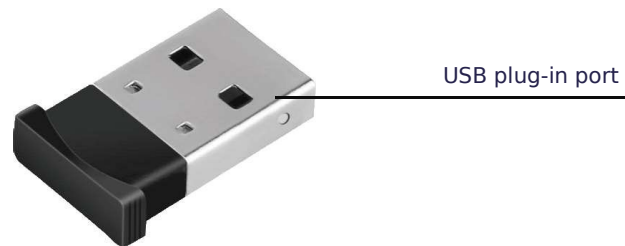
Features

- Mini size
- 5V USB powered
- Support iBeacon/Eddystone
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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.

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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,

Contact Information

TAGUARD

Nerul ,NAVI MUMBAI , Maharashtra , INDIA

Tel: 91-8756277623

E-mail: letsconnect@acesinvensys.com

Website: www.acesinvensys.com



W3 Beacon

Quarantine Wristband Beacon

- Cut-off alert
- Waterproof IP67
- Comfortable to wear
- iBeacon, Eddystone (UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

W3 Beacon is wearable wristband Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

W3 Beacon supports cut-off trigger, it would trigger the alert when the wristband is being cut off or illegally dismantled. W3 Beacon has button, can be used as SOS button. It is mainly designed for quarantine management and indoor location-based service.

W3 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. W3 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

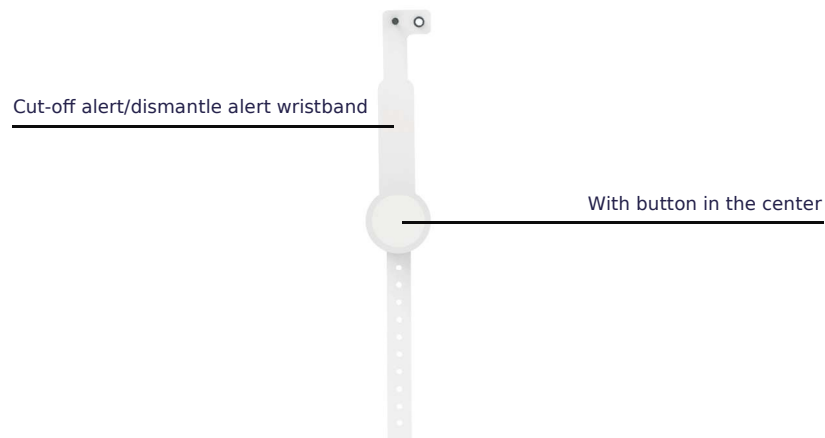
Features

- Cut-off alert
- Waterproof IP67
- Support button trigger
- Comfortable to wear
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

Long Range

- Up to 50 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.

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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
		'Yes'means connectable.

Contact Information

KKM CO.,LTD

Nerul ,NAVI MUMBAI , Maharashtra , INDIA

Tel: 86-755-28370901 Fax: 86-755-84851206

E-mail: letsconnect@acesinvensys.com

Website: www.acesinvensys.com



W4 Beacon

Bracelet Beacon for kids

- Designed for 3-12 year-old kids
- Battery is replaceable
- iBeacon, Eddystone (UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

W4 Beacon is wearable bracelet Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology

W4 Beacon is a wristband Beacon designed for 3-12 year-old kids. It is water resistant. It is designed for kids/students management and indoor location-based service.

W4 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. W4 Beacon can communicate and intergrate with iOS, Android or other BLE4.0 5.0 enabled devices.

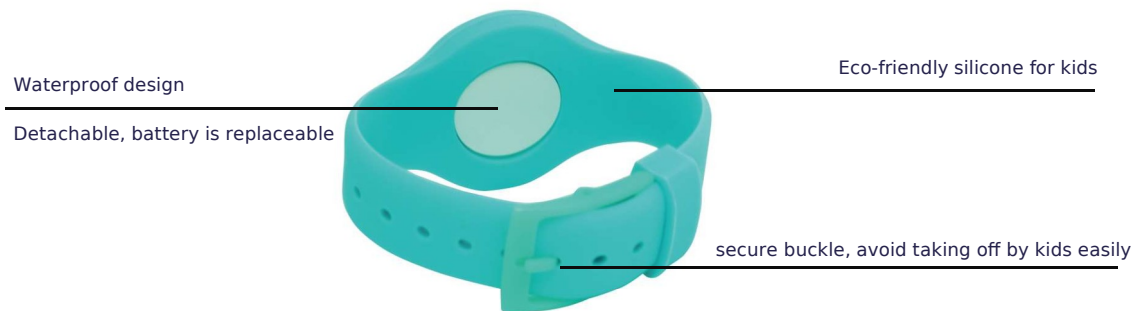
Features

- Bracelet Beacon for 3-12 year-old kids
- 6 months battery life, battery is replaceable
- Eco-Friendly material
- Support iBeacon/Eddystone
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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.

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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,

Contact Information

Nerul ,NAVI MUMBAI , Maharashtra , INDIA

Tel: 91-8756277623

E-mail: letsconnect@acesinvensys.com

Website: www.acesinvensys.com



W51 Beacon

Bracelet Beacon

- Bracelet Beacon for adult
- Rechargeable battery
- iBeacon, Eddystone(UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

W51 Beacon is wearable bracelet Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

W51 Beacon is a wristband Beacon designed for adult, and it can also be used as a pendent. It is designed for people management and indoor location-based service.

W51 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. W51 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- Bracelet Beacon for adults
- NFC function optional
- Silicone keyring available
- With rechargeable battery
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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	Outer Carton (Battery is included)
Quantity	400pcs/carton (Individual PE bag packaging)
Net Weight	9.2KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x00000000000000000001	
Serial ID	0x000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

Contact Information

Nerul ,NAVI MUMBAI , Maharashtra , INDIA

Tel: 91-8756277623

E-mail: letsconnect@acesinvensys.com

Website: www.acesinvensys.com



W52 Beacon

Bracelet Beacon with button

- Bracelet Beacon for adult
- Support button trigger
- iBeacon, Eddystone (UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

W52 Beacon is wearable bracelet Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

W52 Beacon is a wristband Beacon designed for adult, and it can also be used as a pendent. It has a button in the center and supports button trigger, it can be used as panic button/SOS button. It is designed for people management and indoor location-based service.

W52 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. W52 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

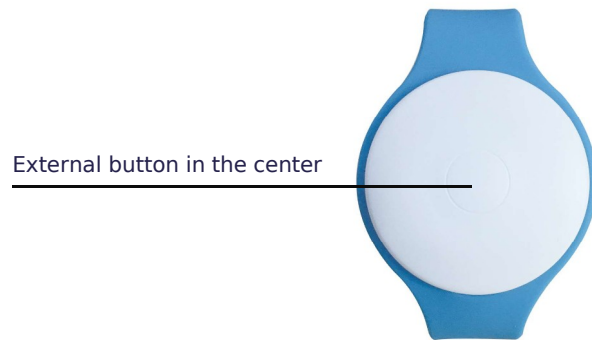
Features

- Bracelet Beacon for adults
- Support button trigger (SOS button/panic button)
- Silicone keyring available
- Support iBeacon/Eddystone
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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	Outer Carton (Battery is included)
Quantity	400pcs/carton (Individual PE bag packaging)
Net Weight	9.2KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x000000000000000000000001	
Serial ID	0x0000000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

Contact Information

Nerul ,NAVI MUMBAI , Maharashtra , INDIA

Tel: 91-8756277623

E-mail: letsconnect@acesinvensys.com

Website: www.acesinvensys.com



W59 Beacon

Vibration Bracelet Beacon

- With LED and vibration motor
- Waterproof IP67
- Rechargeable battery
- iBeacon, Eddystone (UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



iBeacon



Eddystone

Description

W59 Beacon is a wearable bracelet Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

It has vibration motor. W59 Beacon is waterproof IP67. It is designed for people management and location-based service indoor or outdoor.

W59 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. W59 Beacon can communicate and intergrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- With LED and vibration motor, buzzer is optional
- With button (touch button)
- Waterproof IP67
- Battery life is rechargeable
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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	Outer Carton (Battery is included)
Quantity	100pcs/carton (Individual box packaging)
Net Weight	7.0KG

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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	Major and Minor combination is unique	
Minor		
Namespace ID	0x0000000000000000000001	
Serial ID	0x00000000000001	
Eddystone URL	www.acesinvensys.com	
Password	0000000000000000	

Contact Information

Nerul ,NAVI MUMBAI , Maharashtra , INDIA

Tel: 91-8756277623

E-mail: letsconnect@acesinvensys.com

Website: www.acesinvensys.com

W7 Beacon

Tamperproof Bracelet Beacon



- Cut-off/dismantle alert
- With body temperature sensor
- IP67 waterproof
- iBeacon, Eddystone (UID, URL, TLM), KSensor broadcast at the same time
- All the parameters of this product can be modified via configuration App.



Description

W7 Beacon is a wearable bracelet Beacon with ultra low power chipset nRF52 series and BLE 5.0 technology.

W7 has tamperproof function. It will trigger advertisement when it is cut, dismantled or taken off. W7 Beacon has temperature sensor, it can detect body temperature. W7 is waterproof IP67. It is designed for people management and location-based service indoor or outdoor.

W7 Beacon broadcasts 2.4GHz radio signals at regular and adjustable intervals. W7 Beacon can communicate and integrate with iOS, Android or other BLE4.0/5.0 enabled devices.

Features

- Tamper proof function
- With magnetic charging
- Waterproof IP67
- With temperature sensor, can detect body temperature
- SDK or Library provided

Certification

- CE available
- FCC available

Product Details



Compatibility

- Supported iOS 8.0+ and Android 4.3+ system.

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.

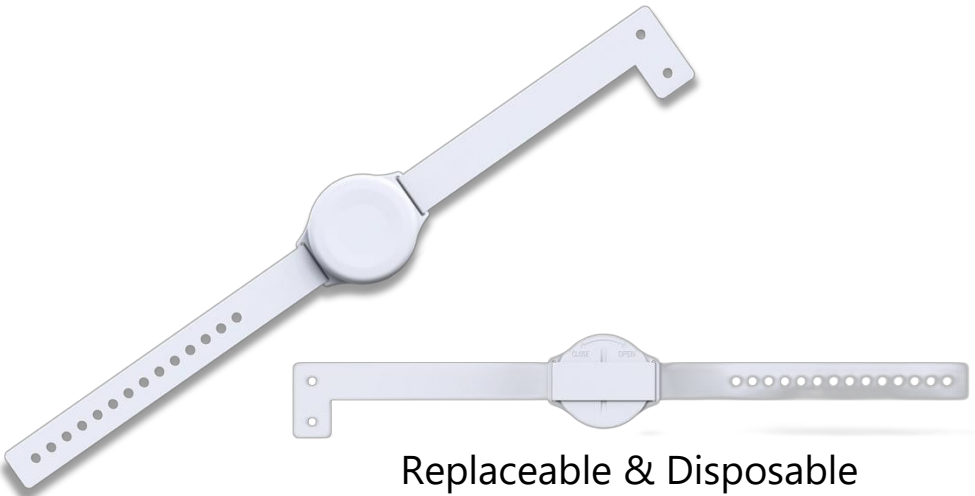
Firmware Update

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

Configurable Parameters

Item	Default setting	Remark
Device Name	KBPro_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,

W8 Medical Wristband Beacon



Replaceable & Disposable

W8 is a low energy emergency beacon with disposable band. Its main parts(Beacon) can be recycled.

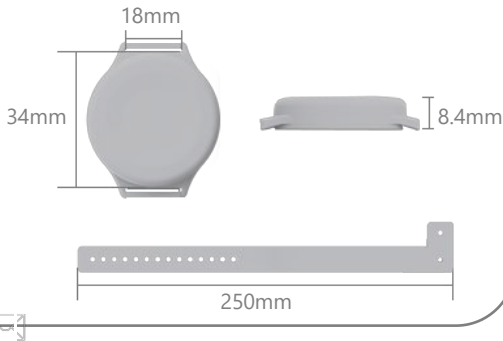
W8 can realize personal positioning through Bluetooth. In additions, it is equipped with SOS button. In case of emergency, people can call for help through this button.

W8 is designed for the management of patients in hospital, the elderly at home and children in school.

Specifications

W8 Wristband Beacon

Chipset	nRF52 Series
Size	Dia 34*8.4mm
Weight	16g(With Battery)
Material	ABS+Silicone
Feature	Disposable Band, SOS Button
BLE Version	BLE 5.0
Battery Life	16 Months
OTA	Support



Features



Disposable Band



Build- in NFC



Recycle Beacon

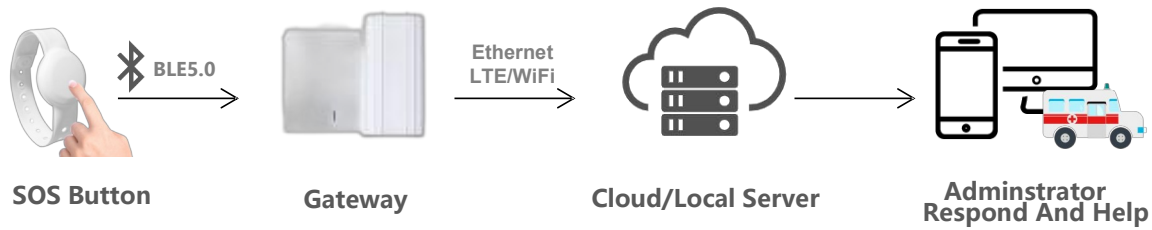


SOS Button




Replaceable Battery

How it works




Usage Scenarios




For Patients In Hospital

- 1. Personal Location
- 2. Emergency Alarm
- 3. Access Control



For Elderly At Home

- 1. Emergency Alarm
- 2. Access Control



For Students In School

- 1. Personal Location
- 2. Emergency Alarm
- 3. Attendance Statistics

Our Service



OEM&ODM SERVICE



FIRMWARE CUSTOMIZED



HARDWARE DEVELOPMENT



PLATFORM INTEGRATE



FFEE SDK PRIVIDED

TAGUARD[®]

ACES INVENSYS TECHNOLOGIES LLP

E-Mail: letsconnect@acesinvensys.com

Mobile : +91- 8756277623

Website : www.acesinvensys.com