

YOUR COMPLETE IOT SOLUTIONS PARTNER



HE01 SOS Button

Safety, Healthcare, Nursing & Personnel



SOS Hexagon Button



Hospital



Nursing Home



Factory

PRODUCT FEATURE

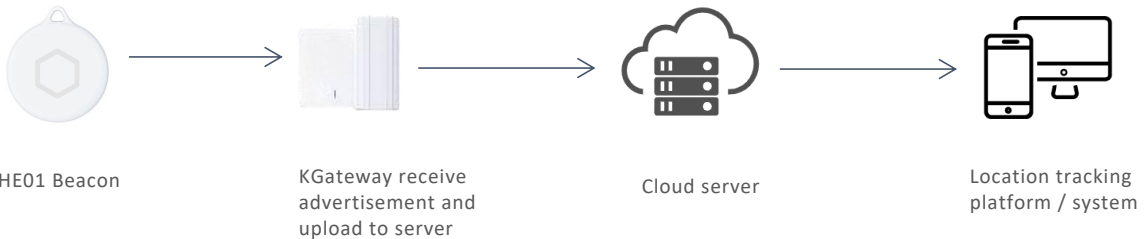


- With hexagon SOS button for emergency
- With hole for pendant, easy to carry
- With vibration, able to give haptic feedback to alert
- Up to 100 meters Adv range, a wide coverage
- IP67 waterproof

HE01 Beacon is SOS button, designed for hospital, nursing home, with ultra low power chipset nRF52 series and BLE 5.0 technology.

With the the SOS button and the pendant hole, the people is easy to carry to operate and call for help. You can press the button, it will trigger alert to connected App, or trigger the BLE advertisement to gateway. The administrator can response and take action.

HOW IT WORKS:



USAGE SCENARIOS:

SOS Button for Emergency



With the the SOS button and vibration feedback design in HE01 SOS beacon, people can easy to operate and call for help in case emergency.

Calling System and SOS in Factory



Bluetooth HE01 beacon can be used for calling system and SOS button in construction sites, mines, factory, and many other scenarios.

BASIC SPECIFICATIONS

Size	47.7mm*12mm
Material	ABS
Color	White
Weight	23.8g (with battery)
Battery capacity	CR2450 battery((replaceable)
Battery life	21 months ^[1]
Waterproof	IP67
Working temperature	-30°C ~+70°C
Working humidity	0 ~ 99% RH
Buzzer	NA
Button	Yes (Hexagon)
LED	2 LED
NFC	Yes
Sensor	Accelerometer
Configure APP	KBeaconPro

* [1] Base on default parameter

TECHNICAL SPECIFICATIONS

Chip	Nordic nRF52 Series
Bluetooth version	BLE 5.0(compatible with BLE 4.x)
TX power	-40dBm ~ +4dBm
Transmit range	100m(328ft) in open area
Broadcast interval	100 ms ~ 40000 ms
OTA	YES

BROADCAST SPECIFICATIONS

Type(channel)	Item	Default settings
iBeacon (on)	UUID	9cbaf2ab-a69b-4e71-b622-fbf7d211e969
	Major	Major and Minor combination is unique
	Minor	
	Measured power	-59dBm(0xC5)
KSensor (on)	Adv Interval	10000
	Sensor Axis	Yes
URL (off)	URL	Not broadcast by default
	Measured power	
TLM (off)	Battery mV	Not broadcast by default
	Boot time	
	Temperature	
	PDU packets	
System	MAC address	Assigned at factory
	Battery percent	0 ~ 100
	Software version	6.x
Password	Password	0000000000000000(default)
Connectable mode ^[2]	Connectable or not	No

* [1] The default setting is power off

* [2] The device is set to non-connectable mode in the default, the device will enter the connectable mode and broadcast system advertisement for 30 seconds after re-install the battery.

COMPATIBILITY

- Supported iOS 8.0+ and Android 4.3+ OS system, and other BLE 4.x/5.0 compatible devices

BASIC OPERATION

Factory Default Setting: Device is powered off.

Power On: Lone hold the button for 3 seconds; LED flashes and vibration once when powering on.

Power Off: Tap “Power Off” on the KBeaconPro app. (The button can not be used to power off the device unless “Button Trigger” and “Power On Always” are disabled)

PRECAUTIONS

- Selection of installation location: Choosing a suitable installation location can ensure that the beacon gets the best signal coverage and accuracy. Before installation, factors such as the usage scenario of the beacon, the number of devices, and environmental factors need to be considered to select the best installation location.
- Determination of installation height: Install at the best height that can cover the target area. If it is installed too high or too low, it may affect the accuracy and range of the signal.
- Avoid extreme temperatures: Avoid exposing the battery to extreme temperatures, as high temperatures can reduce battery capacity and low temperatures can affect the performance of the battery.

CERTIFICATIONS



* If you need specific information about the certificate, please consult the sales staff

PACKAGING INFORMATION

Details	Inner Box (Battery is included)	Outer Carton (Battery is included)
Quantity		
Net Weight		
Gross Weight		
Size		

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

QUALITY ASSURANCE

We have qualified for ISO9001 quality system certification. The products have been implemented by hardware test (component test, optical inspection, PCBA signal test, high and low temperature test, drop test, bluetooth signal test, power consumption test, etc), software test (function test, IT and ST test, etc), finish product test (button test, LED flashing test, buzzer test, etc)

Warranty Period: One year from the date of delivery (except batteries and other accessories)

DECLARATION

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