



Product

H1 Beacon is a portable keychain beacon tag with NORDIC® nRF52 series of extremely-low power ARM® chipsets. It has the shape of a compact case, waterproof design, reliable hardware, powerful firmware, and outer push button. It has been designed for promotional marketing and service focused on the indoor venue. This beacon is suitable for Apple and Android devices. H1 Beacon is portable with the keychain. So, it is also known as keychain beacon. Moreover, it has also extra motion sensors. At the same time, it is suitable for Eddystone and iBeacon. Furthermore, the parameters of the beacon improved with configuring APP.

Personnel tracking ensures the safety of patients and employees

- Long and stable advertising signal make it easy to track and locate your patients, employees and students.
- Emergency button to notify emergency situations, task completion, or other predefined events in time.

1. Multiple advertising protocol provided and customized format supported.
2. Portable design with IP65 waterproof.
3. Convenient carrier for personnel tracking.
4. 3-axis sensor available for motion detection.
5. External push button for SOS shortcut trigger.

All-round service and customization to save your time and costs to market quickly

- Certified for USA (FCC), Europe (CE) including REACH and RoHS environmental regulation.
- All other worldwide certifications can be customized.
- Branding, Logo, Label, Packaging, Manufacture parameters, even hardware and firmware are all customizable.

H1 Keychain Beacon

General Features

Main Chip: Nordic nRF52

Bluetooth: Bluetooth 5.0

Range: Up to 150 meters (in the open area and no obstacles)

Dimension: 32.5mm x 32.5mm x 7.0mm

Weight: 7.8g (with battery)

Material: ABS+PC & TPU

Waterproof: IP65

Color: White

Installation: Keychain, Hang, Neck chain, Sticker

Button: Mechanical Button

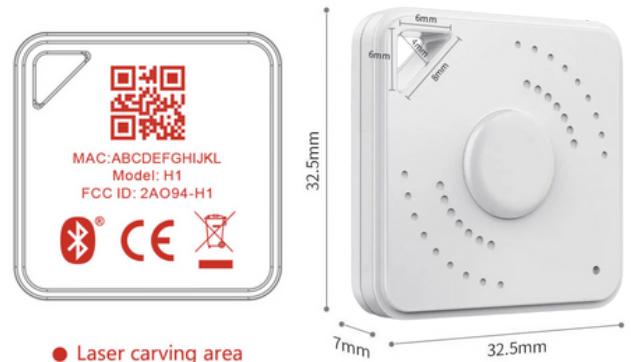
LED: Single red LED

Sensor: 3-axis accelerometer sensor | Buzzer (optional)

Operating temperature: -20°C / + 60°C

Storage temperature: -20°C / + 70°C (without battery)
10°C / + 25°C (with battery)

Humidity: 0% - 95% (non-condensing)



Data Driven Care™

Making Sense Of The Sensors – The IoT Aggregation Platform Built For Health

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Talius Group Limited (ABN: 62 111 823 762)

Functions

Advertising format	Apple iBeacon Google Eddystone (UID, URL, TLM) MOKO BeaconX Pro sensor data
Multi-advertising	Support up to 6 active slots (Beacon can broadcasts different advertising packets separately)
Configurable list	Advertising format and data/ Beacon name Tx Power/ Advertising interval Connection password/ Trigger options/ Sensor parameters
Sensor sampling	Broadcast or notify the 3-axis G-sensor data in real time (with 3axis G-sensor)
SOS emergency (Button trigger)	Two or three times to click the button to change the advertising status and data for emergency help
Motion detection	3-axis G-sensor identify whether the Beacon is moving to change the advertising status and data
Configuration APP	iOS and Android are available Scanning the advertising data and connecting to configure all parameters Available APP SDK for customer to develop
Firmware update	Nordic DFU OTA/J-link



Service and Customisation

Certification	USA (FCC), Europe (CE-RED, CE-LVD, CE-EMC, REACH, RoHS) Other certifications can be customized
Manufacture customization	MP Pre-configuration parameters Packaging/ Laser logo/ Label/ Sensor/ NFC
Development	Custom firmware development Customer firmware programing Custom hardware design and layout

Power

Power Supply: Replaceable CR2032 Lithium Coin Cell Battery

Battery replaceable: Yes

Lifetime: 1.5 years (Default settings*)

Default settings - 1 active slot, 1000ms ADV interval, 0 dBm Tx power and without 3-axis sensor.

POWERED BY



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