Overview:

GAORFID SKU#127047 Personnel Card type beacon/tag operates at 2.45GHz, the SKU#127047 card tag is a new generation beacon that is loaded with Bluetooth 5.0 hardware platform, and supports to advertise standard iBeacon. SKU#127047 Card beacon tag combines standard iBeacon, Eddystone (UID, URL, TLM) all together and simultaneously. The push button can be used for panic / emergency / SOS need. LF(125KHz), HF(13.56MHz), UHF(868~960MHz) RFID features are optional either.

Main Features:

- ✓ Standard iBeacon, free band of 2.45GHz
- ✓ Bluetooth 4.0/5.0 chipset
- ✓ The max. 100 meters reading distance with SKU#217030 gateway or any other Bluetooth Featured devices (e.g. iPhones, Android smart devices, etc.)
- ✓ IP67 waterproof housing
- ✓ Built-in Panic Button design
- ✓ Optional NFC integration or other frequency RFID chips
- ✓ Ultra-low power consumption chipset nRF52 series
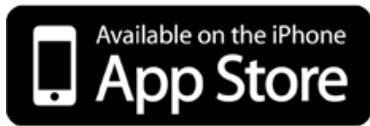- ✓ 4 year of battery life time

Applications:

- ❖ BLE sensor reader / receiver
- ❖ Asset tracking
- ❖ Access control management
- ❖ Advertisement promotion
- ❖ Indoor location and position
- ❖ People Tracking
- ❖ IoT related
- ❖ Active RFID

Technical Specifications:

Size/Weight	86mm*56mm*4.6mm / 20g
Bluetooth	Bluetooth low energy 4.0/5.0
Frequency	2.45GHz
Support Protocols	Apple iBeacon, Eddystone URL, Eddystone UID, Eddystone TLM

Beaconing Interval	Software Configurable 100ms to 10s
Transmit power	-40 ~ 4dBm
Operating / Storage temperature	-40°C to 70°C / 10°C to 25°C
Humidity	Max 95%, Non condensing, relative humidity
Waterproof	IP67
Panic Button	Built-in
Accelerometer/Vibration Sensor	Optional
NFC Chip	Optional

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