

Overview:

GAORFID SKU#127041 IP67 Waterproof beacon/tag operates at 2.45GHz, the SKU#127041 active tag is a new generation beacon that is loaded with Bluetooth 5.0 hardware platform, and supports to advertise standard iBeacon. The reading range between 127041 and compatible gateways/receivers could be up to 300 meters.

Main Features:

- ✓ Standard iBeacon, free band of 2.45GHz
- ✓ Bluetooth 4.0/5.0 chipset
- ✓ The max. 300 meters reading distance with SKU#217030 gateway or any other Bluetooth Featured devices (e.g. iPhones, Android smart devices, etc.)
- ✓ IP67 waterproof housing
- ✓ Optional Accelerometer/Vibration Sensor
- ✓ Optional Temperature Sensor
- ✓ Ultra-low power consumption chipset nRF52 series
- ✓ Battery Replace-able



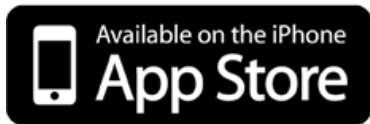
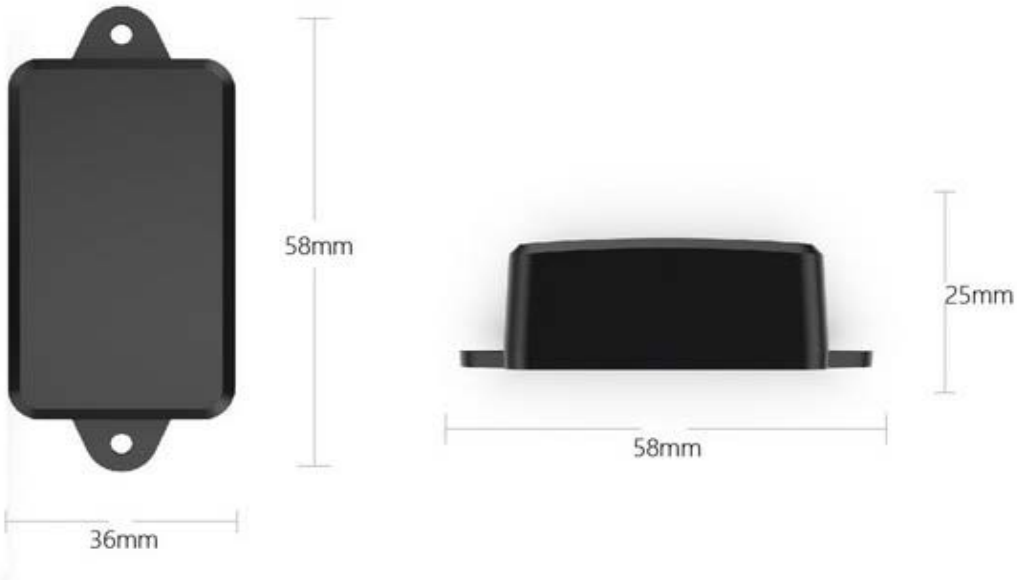
Applications:

- ❖ 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	58mm*36mm*25mm /30g
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	0dBm
Operating / Storage temperature	-40°C to 70°C / 10°C to 25°C
Humidity	Max 95%, Non condensing, relative humidity
Battery	Internal / Replace-able ER14505 Lithium battery
Waterproof	IP67
Accelerometer/Vibration Sensor	Optional
Temperature Sensor	Optional - Accuracy: +/-3°C; measurement range: -40°C ~70°C



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