

**Overview:**

GAORFID SKU#127043 IP68 Waterproof beacon/tag operates at 2.45GHz, the SKU#127043 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 127043 and compatible gateways/receivers could be up to 100 meters.

**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.)
- ✓ IP68 waterproof Silicon Material housing
- ✓ Built-in Accelerometer/Vibration Sensor
- ✓ Ultra-low power consumption chipset nRF52 series



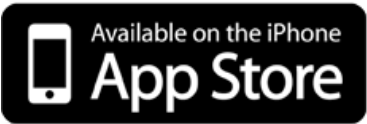
**Applications:**

- ❖ 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	46*39*22mm/37g
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 Life	>= 4 years
Waterproof	IP68
Accelerometer/Vibration Sensor	Built-in



**Eddystone**



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