

**Overview:**

GAORFID SKU#127044 Waterproof beacon/tag operates at 2.45GHz, the SKU#127044 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 127044 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.)
- ✓ High Precise Temperature and Humidity sensor integrated
- ✓ Built-in Accelerometer/Vibration Sensor
- ✓ Ultra-low power consumption chipset nRF52 series
- ✓ Battery Replace-able



**Applications:**

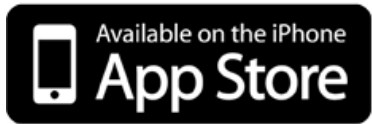
- ❖ BLE sensor reader / receiver
- ❖ Asset tracking
- ❖ Access control management
- ❖ Advertisement promotion
- ❖ Indoor location and position
- ❖ People Tracking
- ❖ IoT related
- ❖ Active RFID



**Technical Specifications:**

Size/Weight	94mm*38mm*18mm/42g
Bluetooth	Bluetooth low energy 4.0/5.0
Frequency	2.45GHz
Support Protocols	Apple iBeacon, Eddystone URL, Eddystone UID, Eddystone TLM
Temperature Measurement Capability	Measurement Accuracy (-40°C ~70°C): ±0.3°C
Humidity Measurement Capability	Measurement Accuracy (0%RH~90%RH): ±5%RH with 0.05%RH

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
Battery	Internal / Replace-able 2600mAh ER14505 battery
Waterproof	IP63
Accelerometer/Vibration Sensor	Built-in



**Eddystone**



<p><b>GAO Group</b> <a href="http://GAORFID.com">GAORFID.com</a> <a href="http://GAOTek.com">GAOTek.com</a></p>	<p>Toll Free (USA &amp; Canada) <b>1-877-585-9555</b> All Other Areas +1 (289) 660-5590 <a href="mailto:sales@GAORFID.com">sales@GAORFID.com</a></p>
-------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------