

Overview:

GAORFID SKU#127049 Portable Temperature and Humidity Sensor Beacon combines together with standard iBeacon and Eddystone (UID, URL, TLM). As one of the most popular beacons/active tags from GAORFID 12704x series for applications measuring temperature as well as humidity signals, SKU#127049 tags are widely used in the Smart Home, Indoor Tracking, SOS, school and office, hospitals, etc..

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.)
- ✓ Built-in Panic Button design
- ✓ Built-in Temperature and Humidity 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	36mm*36mm*5.6mm / 10g
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 dBm to +4 dBm dBm
Operating / Storage temperature	-40°C to 70°C / 10°C to 25°C
Humidity	Max 95%, Non condensing, relative humidity
Waterproof	IP44
Panic Button	Built-in
Battery Lifetime	>16 Months (Based on Broadcast Interval 1s and TX power 0dBm)
Battery Replace-able	Yes, Button size Battery of CR2032
Temperature Measurement Capability	Measurement Accuracy (-40°C ~70°C): ±0.5°C
Humidity Measurement Capability	Measurement Accuracy (0%RH~90%RH): ±5%RH with 0.05%RH
Reading distance	Up to 100 meters
Motion Sensor	Optional



Eddystone



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