

Beacon

Description

Tag beacon with accelerometer, Bluetooth 5.0, Beacon software supports broadcasting iBeacon, Eddystone and sensor data simultaneously

The beacon has a smart rotatable housing that makes the coin battery replaceable; it is designed to IP67 waterproof device that can work under the water.

Moreover, the beacon can advertise standard iBeacon, Eddystone (UID,URL,TLM) and sensor data simultaneously or programmed by end user themselves via configuration app.

FEATURE

- IP67 waterproof; - Replaceable coin battery 1000mAh - Advertising iBeacon & Eddystone & Sensor data - Unique MAC address (ITU) - Bluetooth 5.0 chipset nRF52 series - The max. 100 meters advertising distance - Hidden power ON/OFF push button

APPLICATION

Indoor location - Retail promotion - Activity monitoring - Inventory tracking

CONFIGURATION TOOL

- BeaconSET+ (IOS & Android)

ACTIVATE

- Open the rotatable housing; - Pressing "push button" and keeping on 3 seconds; - The LED lights on 5 seconds, then the beacon starts broadcasting;

ELECTRONIC PARAMETER

Item Value Remarks Case Color white Other colors can be customized Battery Model 1 x CR2477 3.0V, 1000mAh Operation Voltage 1.8-3.6V DC Transmission Current 5.3mA (peak current) Tested at 0dBm transmission power Transmission Range 100 meters Maximum Waterproof level IP67 Tested at 1 meter water Antenna 50ohm On board / PCB Antenna Size $\Phi 39$ x 15.5mm 39mm diameter, 15.5mm height

PARAMETER SETTING

Each Beacon has been pre-configured in the factory before the shipment. Here below is given the main parameters and default settings.

iBeacon

UUID (16 bytes) E2C56DB5-DFFB-48D2-B060-D0F5A71096E0 (Proximity) Major (2 bytes) 0 Minor (2 bytes) 0

Eddystone

Instance ID @UID random (10 bytes) Namespace ID @UID random (6 bytes) URL <http://www.beacon-line.com/>

Base Parameters

Measured Power -59 (0xC5) Radio Tx power 6 (0dBm) Adv. Interval 9(900mS)
Beacon ID random, it is MAC address of beacon actually. Beacon Name PLUS
Connectable yes (it is configuration mode) Password minew123 (Allowing only 8 characters)

Reset factory available Power off available Modify password available Remove password available Update firmware available

PACKING INFORMATION

Box: 20 pcs/PU / Net Weight 0.4Kg / Gross Weight 0.5Kg / 31 x 11 x 8 cm
Carton: 200 pcs/PU / Net Weight 4.0Kg / Gross Weight 5.7Kg / 32 x 23 x 40 cm