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FeasyBeacon Mini

FSC-BP103

Bluetooth Battery Powered Beacon

Datasheet Version 1.4



FeasyBeacon Mini is a battery-powered Bluetooth 5.0 Low Energy proximity-beacon, with professional “FeasyBeacon” APP work via Ios and Android System, it simultaneously supports iBeacon, Eddystone (URL and UID), AltBeacon for broadcasting.

FeasyBeacon Mini using the TI CC2640R2F Chipset, providing 10 slots broadcast advertising frames. Transmit distance reach up to 80m.

With the tiny and lightweight shape, it is the perfect choice for stable or temporary installations, such as shops, museums, exhibits, trade fairs, retails, stadium, asset identification, restaurant, etc.



Advertising	
iBeacon Version	
User-configurable characteristics	UUID, major and minor numbers, tx power at 1m
Advertising interval	0.1 to 1 sec (programmable, with 0.1 sec steps)
Secure config	access password, connectable/ non-connectable
Switch	iBeacon on/off
AltBeacon Version	
User-configurable characteristics	UUID, major and minor numbers, tx power at 1m
Advertising interval	0.1 to 1 sec (programmable, with 0.1 sec steps)
Secure config	access password, connectable/ non-connectable
Switch	AltBeacon on/off
Eddystone Version	
User-configurable characteristics	UID Frame, URL Frame, tx power at 0m
Advertising interval	0.1 to 1 sec (programmable, with 0.1 sec steps)
Secure config	access password, connectable/ non-connectable
Switch	Eddystone on/off
Product Specification	
Chipset	TI CC2640R2F
Standard	Bluetooth 5.0
Max Number of Broadcast	10 Slots configurable
APP Configuration Code	Default Pin Code: 000000
Upgrade Mode	OTA (over the air update firmware), support iBeacon and Eddystone, AltBeacon adv at the same time
TX power	5dBm (Max)
Power Range	-23 - +5 dBm
Support system	iOS 7.0+, Android 4.3+
Android / iOS config app	FeasyBeacon (Free for lifetime using)
Work distance	≥80m (open area)
Type	PCB Coil antenna
Gain	2dBi (Max)
Power Supply	Built-in Battery
Battery Type	CR2032 (240mAh)
Battery Life	300 days (ADV Interval: 1280ms; TX Power = 0dBm)
Material	ABS plastic
Color	White, Green, Black, Rose Carmine, can be customizable
Size	36.5 * 32.5 * 7.2 mm
Net weight	6.4g
Protection	IP40
Operating temperature	-20°C to +60°C

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 iBeacon is a trademark of Apple Inc., Eddystone is a trade of Google Inc.