



Description

Cubeacon Card is based on Nordic Semiconductor chip nRF52832. It has iBeacon ready for firmware with programmable parameters (UUID, major value, minor value and some other).

Cubeacon integrated with SaaS (Software as a Service) to control and manage beacon operational or work as alone system.

Key Features

- Broadcast data packets based on Bluetooth LE® (4.2)
- Compatible with all Bluetooth 4.0 (BLE) devices
- Compatible with Apple iBeacon™ standard.
- Compact configurable parameters.
 - o Major and Minor values
- Standart Apple Advertising interval.
- Low power consumption.
- 2 Year battery stand by.

Specification

Power Supply	: 3.9 VDC Max 1.8 VDC Min
Current	: 4,5 mA Max 0,5 mA Min
RF Power	: - 93 dbm
Working frekuensi	: 2.4 Ghz ISM Band
Operating temp	: -5 C Min 65 C Max
Firmware	: MiniBeacon
Advertising Interval	: 128 ms
Battery Model	: LiPo 1 cell, 1000mAh
Range Broadcast	: 100 meters
Compatibel OS (Min):	iOs 7 & Android 4.3
BLE Chip	: nRF52832
Bluetooth Version	: 4.2

Weight & Dimension Cubeacon

Height	: 90mm
Width	: 4mm
Length	: 60 mm
Weight	: 18 gram



Operation State & Power Consumption

State	DC/DC Enable OFF (mA)	DC/DC Enable ON (mA)
Wake-up	7.1	5.4
Pre-processing	8.4	6.9
Pre-receiving	11.6	10.7
Receiving	18.9	15.4
Rx changed Tx	9.2	5.8
Transmitting	18.3	15.4

Configurable Parameters

Characteristic	Item	Default Settings
0xFFF1	UUID	CB10023F-A318-3394-4199-A8730C7C1AEC
0xFFF2	Major	0
0xFFF3	Minor	0
0xFFF4	Measured	-59(0xC5)
0xFFF5	Transmission Power	6 (0dBm)
0xFFF6	Change Password	cubeacon
0xFFF7	Broadcasting interval	9(900ms)
0xFFF8	Serial ID	Random (Unique Serial ID for beacon)
0xFFF9	Beacon Card Name	Beacon_Card_xxxxx(Max 14 Characters)
0xFFFE	Connection Mode	0 (connectable, configuration mode)
0xFFFF	Soft Reboot	cubeacon

Packing Information



Details	Minimum Package	Carton
Quantity	10 pcs	36 pcs Min. Package (360 pcs)
Net Weight	1400 gram	14.5 Kg
Gross Weight	1550 gram	16.5 Kg
Size	30 x 11 x 7.5 cm	32 x 23 x 40 cm