

Lanyard Tag

Datasheet

Date: 2021-6-17

Part #	Description
C6	C6 Lanyard Tag with BLE5.0 is mainly used for exhibitions or trade shows, etc due to its lightweight and portable design. It can help admins achieve proximity advertising with NFC tech inside and location tracking for better events arrangement.

INTRODUCTION

As one of the most popular beacons for personal management application, the C6 is widely used on trade shows, schools and offices with NFC inside. The user can configure C6 via BeaconSET+ App, and C6 can also work with the MINEW G1 BLE WiFi gateway for the data management on system if needed.

Besides, the C6 beacon is recommended to use for the on-the-move proximity advertising in retail and events, etc., due to its lightweight and portable design.

FEATURE

- Advertise iBeacon & Eddystone simultaneously
- NFC inside (optional)
- Replaceable coin battery CR series
- Bluetooth® 5.0 chipset nRF52 series
- The max. 50 meters advertising distance



APPLICATION

- Exhibition tracking
- Indoor location
- Retail promotion
- Activity monitoring
- Inventory tracking

ACCESSORY

- Neck-string (default)
- Keychain (option)

ACTIVATE C6

- Take out the battery sheet (plastic) from beacon device;
- LED lights on 3 seconds and then off, the device be activated on;

CONFIGURATION TOOL

- BeaconSET+ (iOS & Android)

FIRMWARE UPGRADE

1. J-LINK Programmer Kit;
2. Programming ports definition;
3. OTA Available

Please contact MINEW sales team to ask more related information if needed.

ELECTRONIC PARAMETER

Item	Value	Remarks
Case Color	white	Other colors can be customized
Battery Model	1 x CR series	CR series button battery, 230mAh, 8months
Operation Voltage	1.8-3.9V	DC
Transmission Current	5.3mA (peak current)	Tested at 0dBm transmission power
Transmission Range	50 meters	Maximum
Weight	18g	With battery & Neck-string
Antenna	50ohm	On board / PCB Antenna
Size	42.3 x 31 x 11.6 mm	Null

PARAMETER SETTING

Each C6 Lanyard Tag has been pre-configured in the factory before the shipment. Here below is given the main parameters and default settings.

Type	Item	Default Settings
iBeacon	UUID (16 bytes)	E2C56DB5-DFFB-48D2-B060-D0F5A71096E0 (Proximity)
	Major (2 bytes)	0
	Minor (2 bytes)	0
	Measured Power	-59dBm9 (0xC5)
	Tx Power	0dBm
	Interval(ms)	900ms
UID (On)	Instance ID	Random
	Namespace ID	00112233445566778899
	Measured Power	-24dBm(0xE8)
	Tx Power	0dBm
	Interval(ms)	2000ms
URL (On)	URL	http://www.minew.com
	Measured Power	-24dBm(0xE8)
	Tx Power	0dBm
	Interval(ms)	2000ms
TLM (On)	Electricity mV	By default
	Boot time	By default
	PDU packets	By default
	Measured power	-24dBm(0xE8)
	Tx power	0dBm
	Interval(ms)	4000ms
INFO (On)	Device name	C6
	Electricity	By default

	MAC address	Factory setting
	Measured power	-24dBm(0xE8)
	Tx power	-8dBm
	Interval(ms)	4000ms
Extra Function	Password	minew123(configurable)
	Connectable	Yes(it is configuration mode)
	Reset factory	available
	Update firmware	available
NFC	Text	Blank text, configurable by NFC Tools

COMPATIBILITY

Supporting device&system	Module of Supporting device
BLE	BLE4.2 and above
iOS7.0 and above	iPhone4S, iPhone5/5C/5S iPhone6/6Plus/6S/6SPlus, iPhone7/7Plus iPad mini/mini2/4/Air/pro, etc.
Android4.3 and above	Samsung Xiaomi ,Huawei ,OnePlus, Vivo, OPPO, etc.

PACKING INFORMATION



Details	Inner Box(Battery included)	Outer Box(Battery included)
Quantity(C6)	16pcs / box	160pcs / carton
Net Weight	288g	2.88Kg
Gross Weight	388g	4.3Kg
Size	30.5 x 11 x 7.2 cm	32 x 23.5 x 40 cm

CERTIFICATION

- iBeacon MFi License (iBC-14-00582)
- FCC Regulation available
- CE Regulations available

DECLARATION

The contents of this datasheet are subject to change without prior notice for further improvement.
Minew team reserves the right to explain all the terms of this datasheet.

CONTACT

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<https://www.minew.com>

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