
Bluetooth Beacon Datasheet

Model: HY-BC01L

Version: V1.0

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HY-BCN01L is a Bluetooth 5.1 positioning beacon featuring ultra-long battery life. It is designed with Dialog DA14531 Bluetooth chip and has the remarkable characteristics of ultra-low power consumption, long distance and low cost.

HY-BCN01L uses a pair of AAA batteries, which can be used for 10 years under the setting of 1S broadcast frequency, and the batteries are easy to replace, which can greatly reduce maintenance costs.

HY-BCN01L can be fixed with glue or screws, and is widely used in indoor positioning, indoor navigation, exhibition navigation, social sign-in, advertising push, asset management, item tracking, patrol clocking and other program applications.

HY-BC05 Parameter:

Physical characteristics	
Model	HY-BC01L
Case Material	ABS
Color	White
Size	Φ62*17.3mm
Product Weight	35g
Battery	2*AAA Battery
Technical Parameter	
Bluetooth Version	BLE 5.1
TX Power Range	-19.5~+2.5 dBm (Default: +2.5dBm)
Broadcast Interval	100ms~10000ms (Default: 1000ms)
Max Work Range	120m (in open air)
Broadcast Data Format	iBeacon
Support System	IOS 7.0+; Android 4.3+
Default Parameter Setting	
Advertise Interval minimum	1000ms
Advertise Interval maximum	1000ms
Advertise Channel Map	Channels 37, 38, 39
Device Name	EW+MAC
Pass Word	12345F
TX Power	+2.5dBm
UUID	01122334-4556-6778-899a-abbccddeeff0
Major	Randomly generated
Minor	Randomly generated
Manufacturer ID	0X4C00
Calibrated RSSI	-61dBm