
Bluetooth Beacon Datasheet

Model: HY-BC05L

Version: V1.0

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Shenzhen Huayang Xinke Electronics Co., Ltd

Mob: (86)13420952801

E-mail: info@hyxkiot.com

Web: www.hyxkiot.com

HY-BC05L Bluetooth beacon is based on Dialog DA14531 chip, BLE 5.1 iBeacon.

HY-BC05L is a small beacon, it equipped with CR2032 battery, which can be used for more than 2 years under the setting of 1000ms broadcast frequency.

HY-BC05L is a mini Bluetooth button tag, and is widely used in indoor positioning, indoor navigation, scenic area navigation, exhibition navigation, social sign-in, advertising push, asset management, item tracking, patrol check-in and other program applications.

HY-BC05L Parameter:

Physical characteristics	
Model	HY-BC05L
Case Material	ABS
Color	White
Size	46*41*6mm
Product Weight	7g (include battery)
Battery	CR2032
Switch	Button
Power On	Press Button 3s, Blue Led flashes 3 times
Power Off	Press Button 3s, Blue Led flashes 1 times
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	60m (in open air)
Broadcast Data Format	iBeacon
Support System	IOS 7.0+; Android 4.3+
Default Parameter Setting	
Advertise Interval minimum	500ms
Advertise Interval maximum	500ms
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