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# Bluetooth Beacon Datasheet

**Model: BLM-BC05L**

**Version: V1.0**

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

BLM-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.

BLM-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.

### **BLM-BC05 Parameter:**

<b>Physical characteristics</b>	
Model	BLM-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
<b>Technical Parameter</b>	
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+
<b>Default Parameter Setting</b>	
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