

BeeLinker Tech. Bluetooth Asset Tagging BLM5550 User Manual

Manualsum, simplified manuals

Table of Contents

- [BeeLinker Tech. Bluetooth Asset Tagging BLM5550 User Manual](#)
 - [MODEL NO/DESCRIPTION](#)
 - [Product Description](#)
 - [Product Features](#)
 - [Application](#)
 - [Physical properties](#)
 - [Specification parameters](#)
 - [Configuration Toolkit](#)
 - [Certification](#)
 - [Package](#)
 - [Quality Assurance](#)
 - [Contact Us](#)

BeeLinker Tech. Bluetooth Asset Tagging BLM5550 User Manual

BeeLinker Tech. Bluetooth Asset Tagging BLM5550 User Manual

([2AWDJ-BLM5550](#))



BLM5550

Suzhou Beelinker Technology Co.,Ltd

MODEL NO/DESCRIPTION

Name	Bluetooth asset tagging
Model	BLM5550
Version	1.0
Release Date	2023.10

Product Description

The beacon product independently developed by Suzhou Bollion Technology is suitable for asset tracking and positioning, featuring low power consumption, high waterproof level and easy deployment. It adopts Nordic nRF52 series low-power Bluetooth chip and low-power Bluetooth BLE 5.0 technology, which meets the specification of iBeacon, Beacon and Eddystone protocols, with high security and reliability, and supports the setting of user's connection secret key. The product adopts plastic sealing design, waterproof up to IP67, using long plastic shell, the overall delicate and beautiful; with the company's Bluetooth gateway and indoor positioning technology, can be used in a variety of application scenarios.



front view



rear view

Product Features

- Low power consumption for 2 years (0db,1s interval)
- Plastic moulding process design, waterproof rating IP67
- Professional housing design, easy to deploy on the surface of instruments, equipment, cargo stacks and other objects.

Application

Widely used in important asset management, such as intelligent warehouse management, with Bluetooth gateway, can achieve automatic inventory of assets and rapid positioning to retrieve materials; such as the management of valuable equipment in hospitals, can be deployed in a number of frequently used medical equipment, in order to more efficient management of medical resources.



Physical properties

Model	BLM5550
Water & Dust Protection	IP67
Shell Material	ABS
Shell Color	White / Black
Overall Dimensions	98.7x25x8.9mm
Weight	19.56(With Battery)
Battery	CR2032(button cell)
Supply Voltage	DC3.6V
Installation	3M Adhesive

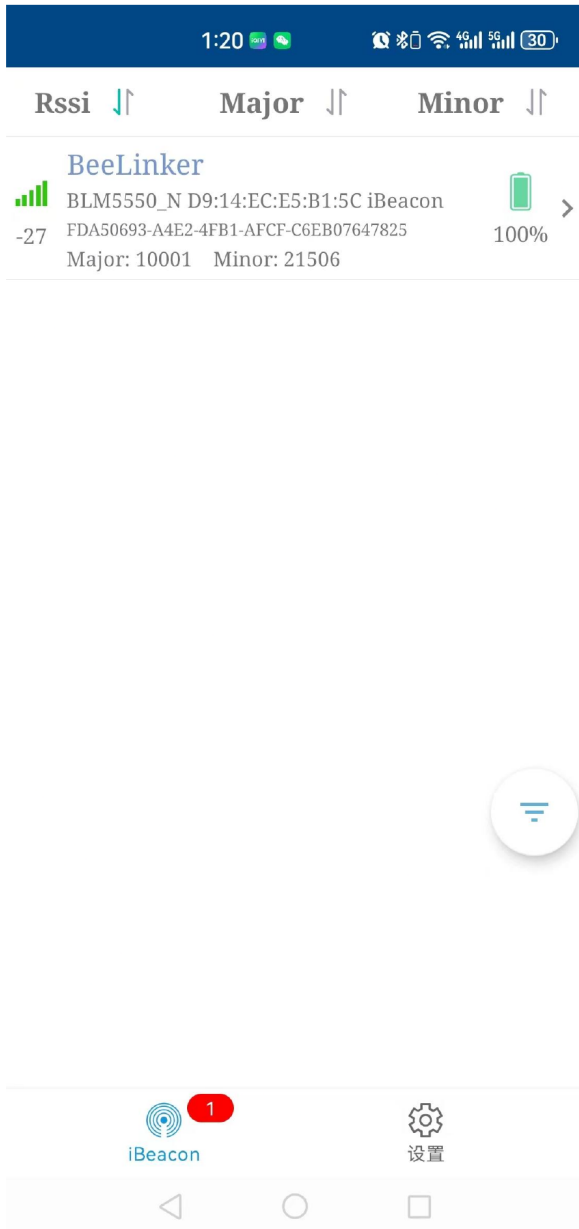
Specification parameters

Model	BLM5550
Quiescent Current	1uA
Typical value of peak emission current (@0dBm)	4.6mA
Receiving peak current typical	4.6mA
Battery Model	CR2032*2
Battery Capacity	440mAh
Battery Life	2 years (0dBm&1s)
Operation Temperature	-20°C ~70°C
Transmit Power	-40~4dBm (Typical 0dBm)
Broadcast Period	20ms~2s(Typical 1s)
Signal Range	50m in typical configuration
Security	Only supports manufacturer app links (with communication key)
Application Supported OS	IOS 7.0 and above, Android 4.3 and above

[Manualsum](#)

Configuration Toolkit

Our company has a tool to support the configuration parameters of this product (Android platform APP), the configurable parameters include UUID, Major, Minor, Transmit Power, Transmission Interval. The following figure shows the typical configuration interface, if customers have on-site configuration needs, you can consult our technical support.



Certification

Package

Package Outer Case (with battery)

Packing



Quantity 200pcs

Gross 2.4kg

Size 232x284x180mm

Quality Assurance

The factory is certified to ISO9001. Every sample will be verified (Transmit power, power consumption, reliable test) before shipping.

专业高频分析仪测试

专业测试设备 | 频谱干净无杂散

INDUSTRIAL QUALITY AND RELIABLE
PERFORMANCE

Mkr1 2.402 000 GHz
-0.000 dBm



专业自动化测试

自动化测试 | 品质可追溯

INDUSTRIAL QUALITY AND RELIABLE
PERFORMANCE



Contact Us





国家专利



高新企业

0512-62997201-8831 www.beelinker.com zhangyan@beelinker.com
江苏省苏州市工业园区林泉街399号南工院

Disclaim: This manual is only for reference. All rights reserved by the Beelinker Technology Co.,Ltd.