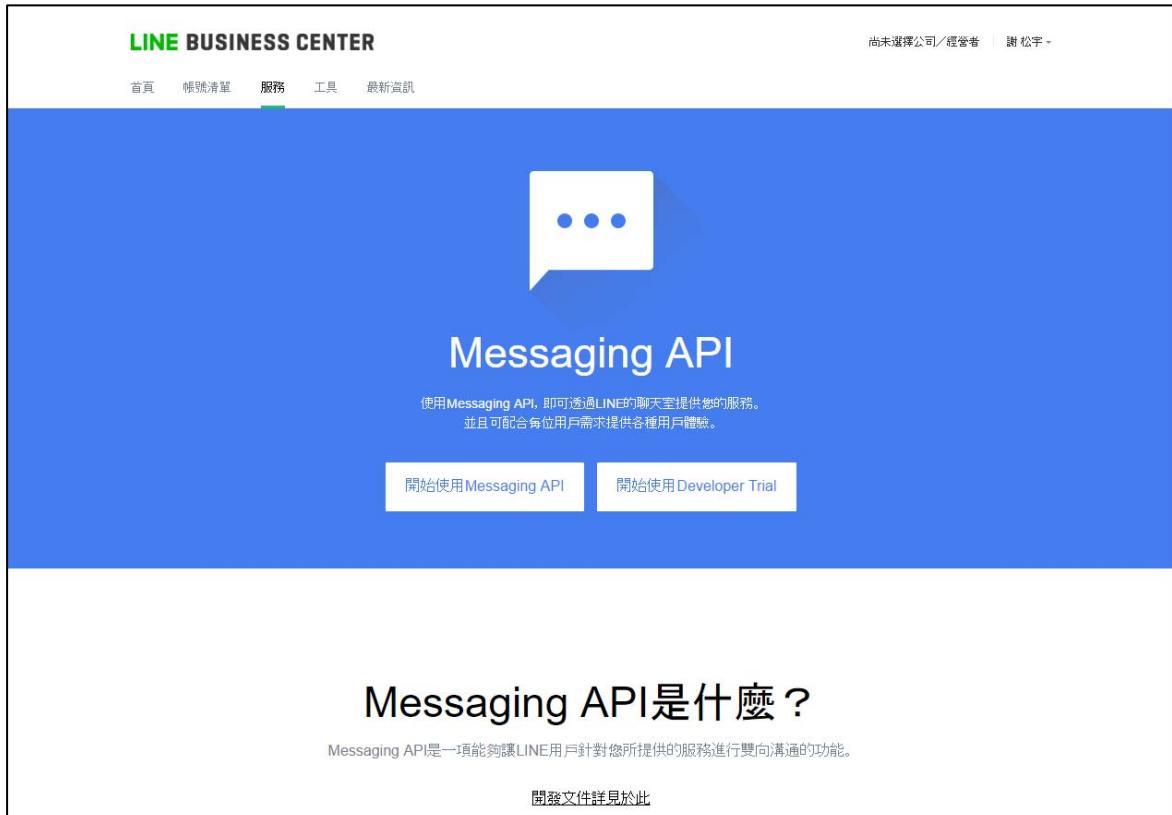


Alfa-AA

—. Pair with the ibeacon device

1. Register a developer account

Go to **LINE BUSINESS CENTER** website register a developer account (developer Trail) :(<https://business.line.me/zh-hant/services/bot>)



The screenshot shows the LINE Business Center homepage. At the top, there is a navigation bar with links for 首頁, 帳號清單, 服務 (selected), 工具, and 最新資訊. On the right, it says '尚未選擇公司／經營者' and '謝松宇' with a dropdown arrow. The main content area has a blue header with a white speech bubble icon containing three dots. Below it, the text 'Messaging API' is displayed. A sub-section titled 'Messaging API是什麼？' is shown with the text: 'Messaging API是一項能夠讓LINE用戶針對您所提供的服務進行雙向溝通的功能。' and a link '開發文件詳見於此'. At the bottom of the blue section, there are two buttons: '開始使用 Messaging API' and '開始使用 Developer Trial'.

2. Register the device

After registered, go to **LINE@MANAGER** management page register the device :(<https://admin-official.line.me/beacon/register#/>)



The screenshot shows the LINE@MANAGER management page. The top navigation bar includes 'LINE@ MANAGER', a user profile 'Eric Hsieh 先生／小姐', and a 'Logout' link. The main content area has a sidebar on the left with '選択使用帳號'. The main panel contains two green buttons: 'ピーコン端末とbotの連携' and 'LINE Simple BeaconのHWIDの払い出し'. Below these buttons, there is explanatory text in Japanese: 'お持ちのLINE Beaconとbotアカウントを連携する事ができます。' and 'LINE Beacon Platformに登録されたHWIDを払い出し 任意のBLEのパケットに組み込む事で LINEに対応したピーコン端末を開発する事が可能になります。'.



3. Login account

Find out the code which have produce info refer to the manual ,and input the HWID and Password



二. How to use ibeacon

1. Open the System manual

Refer to the offical documents,
please visit here :<https://devdocs.line.me/en/>

According to the developer manual, then set the device.
Please visit here: <https://devdocs.line.me/en/#line-beacon>

2. Setting the iBeacon as below



三. About Alfa-USB

Alfa-USB	
Bluetooth chip	NRF52832AA
Size	22.22mm*16.14mm*4.52mm
Weight	2g
Material	ABS
Other	Waterproof
Color	Black , green white
Protocol	Bluetooth 4.0 , iBeacon

四. Alfa-USB hardware features

Name	Parameter	
Voltage	3.0VDC	
TX power	0dBm	-30~4dBm
Frequency	500ms	100~2000ms
Sleep power	12uW	
Sleep current	2uA	
Support	iOS7.0+/Andriod 4.3+	
OTA	Yes	
Security	Password security	
Distance	0-60m(in the open air)	Range
Battery life	12--24 month	Broadcast interval

五. Alfa-USB support system

Support	Phone device
iOS 7.0 above	iPhone 4S,iPhone 5, iPhone 5S,iphone 6, iPhone 6p,iPad 3, iPad mini, iPad air ect.
Android 4.3 above	Samsung Galaxy S III, Galaxy S IV, Galaxy Note II, Galaxy Note III and Motorola Razr, HTC One ect.

六. User Applications

First the User must open the Bluetooth setting and when the user in the range of the Beacon. The Line app will got notice or a message . This technology can use for sent the coupon : when the client(customers) come to the store . The phone wil will a message from Line , the message will include advertisement and Text coupon and other informations

七.Alfa-USB firmware Setting

Parameter	Name	Value
UUID	Device ID	FDA50693-A4E2-4FB1-AFCF-C6EB07647825
Major		0-65535(default: 10032)
Minor		0-65535(default:)
Transmission Power		-30~4dBm(default: 0dBm)
Change Password		5bytes (default : AA14061112)
Broadcasting Interval		100-2000ms (default: 500ms)
Serial ID		0-65535
iBeacon Name		1-14 bytes, default: holiot
Connection Mode		is_connect(0/1)
Soft Reboot		Default password: AA14061112
Battery Service		Battery level

FCC Notice:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable condition without restriction.

About US

Shenzhen holiot technology Co.,Ltd

Address: Room 308 . Building 9 , wangtang industrial park , Xili town , Nanshan district ,Shenzhen , China

Contact name : MR wang

telephone :185 7675 9686

Phone : 0755--8654 6492

Email : 460425175@qq.com

Website : <http://www.hyyunjia.com/>