

Bluetooth V4.1 BLE Beacon VR-3000

Getting Started

- **Turning the VR-3000 On or Off**

To turn the VR-3000 on

Plug the VR-3000 into USB then VR-3000 turn on and Blue LED flash once each 3 seconds.

To turn the VR-3000 off

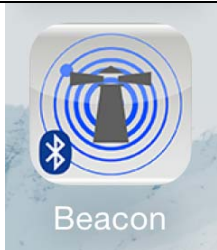
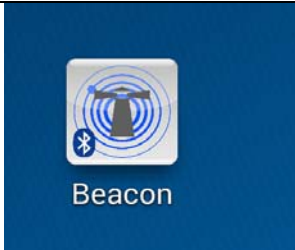
Remove out the VR-3000 from USB then The VR-3000 power off.

VR-3000 Connected with APP

Once VR-3000 connected with APP, Red LED will flash once each 3 seconds.


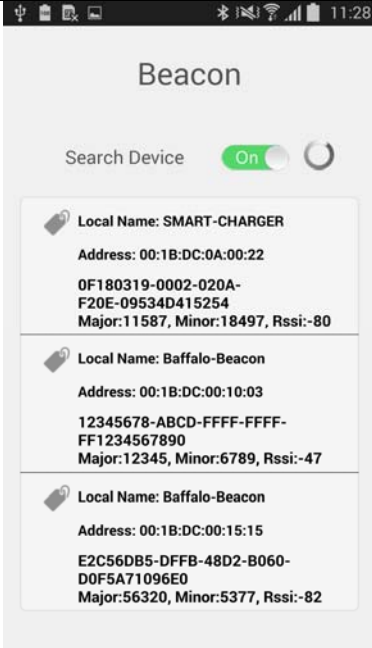
- **Make Beacon to work with APP.**

1. Click App icon

iOS 7	Android
	


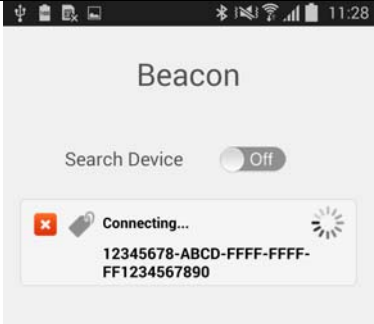
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2. Search Beacon

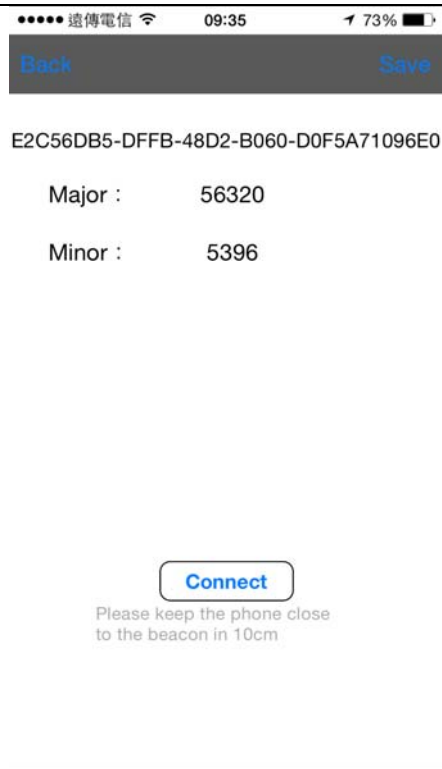
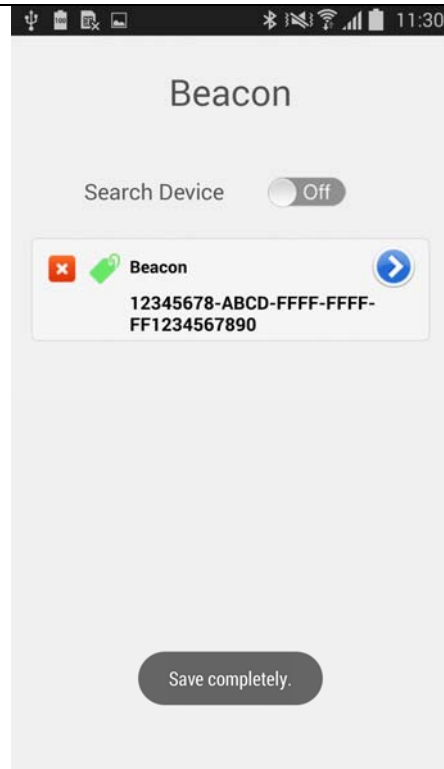
iOS	Android
 <p>E2C56DB5-DFFB-48D2-B060-D0F5A71096E0 Major:56320,Minor:5396,Rssi:-67,Accuracy:1.84m</p>	 <p>Beacon</p> <p>Search Device <input checked="" type="checkbox"/> On</p> <p>Local Name: SMART-CHARGER Address: 00:1B:DC:0A:00:22 0F180319-0002-020A-F20E-09534D415254 Major:11587, Minor:18497, Rssi:-80</p> <p>Local Name: Buffalo-Beacon Address: 00:1B:DC:00:10:03 12345678-ABCD-FFFF-FFFF-FF1234567890 Major:12345, Minor:6789, Rssi:-47</p> <p>Local Name: Buffalo-Beacon Address: 00:1B:DC:00:15:15 E2C56DB5-DFFB-48D2-B060-D0F5A71096E0 Major:56320, Minor:5377, Rssi:-82</p>

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3. Select and connect Beacon

<p>iOS</p> <p>Bring beacon nearer (less than 1 meter) so that search list will show green item, then click it.</p>	<p>Android</p> <p>Select a Beacon and click it.</p> <p>Then wait about 30 seconds to connect it.</p>
	

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<p>iOS</p> <p>Click the connect button to connect it.</p>	<p>Android</p> <p>Click the arrow button to enter setting page.</p>
 <p>The screenshot shows the iOS app interface. At the top, there's a status bar with signal strength, carrier (遠傳電信), time (09:35), and battery (73%). Below is a navigation bar with 'Back' and 'Save' buttons. The main content area displays the beacon ID 'E2C56DB5-DFFB-48D2-B060-D0F5A71096E0', followed by 'Major : 56320' and 'Minor : 5396'. At the bottom, there is a 'Connect' button and a note: 'Please keep the phone close to the beacon in 10cm'.</p>	 <p>The screenshot shows the Android app interface. At the top, there's a status bar with various icons and time (11:30). Below is a title bar with 'Beacon'. The main content area has a 'Search Device' toggle switch set to 'Off'. Below that, there's a list item for a beacon with ID '12345678-ABCD-FFFF-FFFF-FF1234567890' and a blue arrow button. At the bottom, there is a 'Save completely.' button.</p>

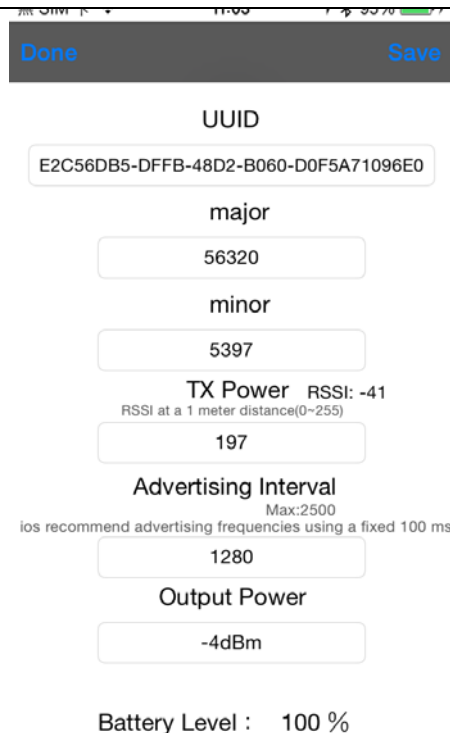
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4. Load or edit Beacon data

iOS

Edit UUID, Major ID, Minor ID, Tx Power, Advertising Interval, Output Power.

Then click save button.



Done Save

UUID
E2C56DB5-DFFB-48D2-B060-D0F5A71096E0

major
56320

minor
5397

TX Power RSSI: -41
RSSI at a 1 meter distance(0~255)
197

Advertising Interval
Max:2500
ios recommend advertising frequencies using a fixed 100 ms
1280

Output Power
-4dBm

Battery Level : 100 %

Android

Edit UUID, Major ID, Minor ID, Tx Power, Advertising Interval, Output Power.

Then click save button.



Back Setting Save

Service UUID
12345678-ABCD-FFFF-FFFF-FF1234567890

Major ID(0~65535)
12345

Minor ID(0~65535)
6789

Tx Power: Rssi at a 1 meter distance(0~255) Rssi:-53
100

Advertising Interval: 100 ms ~ 5120 ms (Apple recommend 100 ms)
2000

Output Power
5dBm

Battery:100%

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<p>遠傳電信 10:13 86%</p> <p>Done Done</p> <p>UUID</p> <p>E2C56DB5-DFFB-48D2-B060-D0F5A71096E0</p> <p>major</p> <p>56320</p> <p>minor</p> <p>5397</p> <p>TX Power RSSI: -20 RSSI at a 1 meter distance(0~255)</p> <p>"5397"</p> <p>1 2 3 4 5 6 7 8 9 0</p> <p>- / : ; () \$ & @ "</p> <p>#+= . , ? ! ' < ×</p> <p>ABC 地球 麦克风 space Done</p>	<p>Back Setting Save</p> <p>Service UUID</p> <p>12345678-ABCD-FFFF-FFFF-AA1234567890</p> <p>Major ID(0~65535)</p> <p>58467</p> <p>Minor ID(0~65535)</p> <p>45675</p> <p>Tx Power: Rssi at a 1 meter distance(0~255) Rssi:-51</p> <p>200</p> <p>1 2 3</p> <p>4 5 6</p> <p>7 8 9</p> <p>← × 0 下一步</p>
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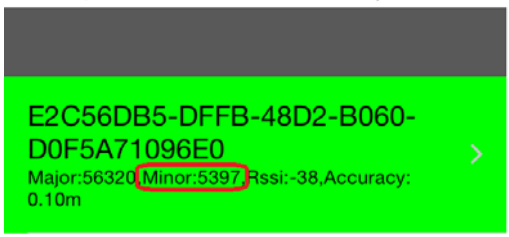
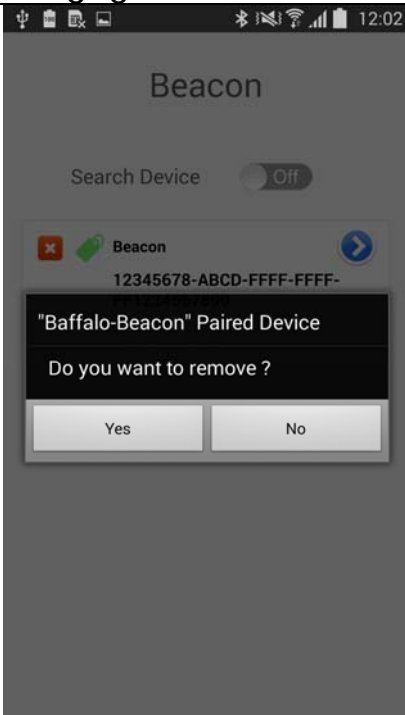
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<div><div>Done</div><div>Save</div></div> <div>UUID</div> <div>E2C56DB5-DFFB-48D2-B060-D0F5A71096E0</div> <div>major</div> <div>56320</div> <div>minor</div> <div>5397</div> <div>TX Power RSSI: -41 RSSI at a 1 meter distance(0~255)</div> <div>197</div> <div>Advertising Interval Max:2500 ios recommend advertising frequencies using a fixed 100 ms</div> <div>1280</div> <div>Output Power</div> <div>-4dBm</div> <div>Battery Level : 100 %</div>	<div><div>Back</div><div>Setting</div><div>Save</div></div> <div>Service UUID</div> <div>12345678-ABCD-FFFF-FFFF-FF1234567890</div> <div>Major ID(0~65535)</div> <div>12345</div> <div>Minor ID(0~65535)</div> <div>6789</div> <div>Tx Power: Rssi at a 1 meter distance(0~255) Rssi:-53</div> <div>100</div> <div>Advertising Interval: 100 ms ~ 5120 ms (Apple recommend 100 ms)</div> <div>2000</div> <div>Output Power</div> <div>5dBm</div> <div>Battery:100%</div>
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5. Search again to check data.

<p>iOS Click back to disconnect this beacon then search it again.</p>	<p>Android Unpair this beacon then search it again.</p>
	

CE Statements

This device has been tested and found to comply with the requirements set up in the council directive on the approximation of the law of member states relating to EMC Directive 89/336/EEC, Low Voltage Directive 73/23/EEC and R&TTE Directive 99/5/EC.

FCC Safety Statements FCC ID:VHVBTVR3000

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.

The radiated output power is far below the FCC Radio frequency exposure limits. Nevertheless, this device should be used in such a manner that the potential for human contact during normal operation is minimized.

Warning:

Changes or modifications made to this equipment not expressly approved by the manufacturer. May void the FCC authorization to operate this equipment.

Important! Please note the following:

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.

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