

iBeacon Base Station and Receptor

### Introduction

The Vlucci iBeacon product family is based on Bluetooth 4.0, and includes base stations and receptors. The base stations broadcast signal continuously at low power to inform the cell phones, pads, or other receptors within range. The receptors receive signal from base station, and transmit the information to the cloud.




We provide hardware to solutions of safely collecting information, positioning customers, sending data to the cloud, accurately pushing discount information.

### Product Feature

- ◆ Compatible with iOS7 and Android4.3
- ◆ Fast Response Speed
- ◆ Low Power Dissipation
- ◆ BLE(Bluetooth Low Energy) 4.0 adopted
- ◆ Stable, Reliable Signal


### Electrical Specification

#### Base Station (AC input Version)


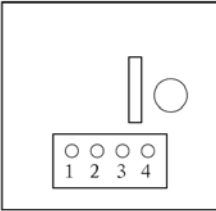
|                                 | <b>iBeacon-ACE</b>  | <b>iBeacon-AC</b>  | <b>iBeacon-AC86</b>   |
|---------------------------------|---|--|---|
| <b>Size</b>                     | 85mm×35mm×23mm  | 57mm×30mm×21mm   | 86mm×86mm×17mm  |
| <b>Input Voltage Range</b>      | 200~240V AC 50/60Hz   |  |   |
| <b>Power Dissipation</b>        | 0.1W  |  |   |
| <b>Transmitting Power</b>       | +0dBm (1mW)   |  |   |
| <b>Weight</b>                   | 25g   | 20g  | 60g   |
| <b>Case Temperature</b>         | 0°C~45°C  |  |   |
| <b>Relative Humidity</b>        | 0%~93% RH   |  |   |
| <b>IP Level</b>                 | IP40  | IP40   | IP00  |
| <b>Power Plug Type</b>          | EU  | GB   | AC 86 Panel   |
| <b>Interval of Transmission</b> | 100mS   |  |   |
| <b>Picture</b>                  |  |  |  |

iBeacon Base Station and Receptor

**Base Station (Battery Version)**

|                                 | <b>iBeacon-BAT+</b>  |
|---------------------------------|--|
| <b>Size</b>                     | 65mm×50mm×55mm   |
| <b>Power Supply</b>             | Battery inside   |
| <b>Operation Life</b>           | 3-10 years   |
| <b>Transmitting Power</b>       | +0dBm (1mW)  |
| <b>Weight</b>                   | 125g   |
| <b>Case Temperature</b>         | 0°C~45°C   |
| <b>Relative Humidity</b>        | 0%~93% RH  |
| <b>IP Level</b>                 | IP65   |
| <b>Interval of Transmission</b> | 333mS  |
| <b>Picture</b>                  |  |

**Receptor**

|                              | <b>iReceiver-86C</b>   |
|------------------------------|--|
| <b>Size</b>                  | 86mm×86mm×17mm   |
| <b>Input Voltage Range</b>   | 5~12 V DC  |
| <b>Input Current</b>         | 9mA  |
| <b>Receiving Sensitivity</b> | -90 dBm ~ -35 dBm  |
| <b>Weight</b>                | 60g  |
| <b>Case Temperature</b>      | 0°C~45°C   |
| <b>Relative Humidity</b>     | 0%~93% RH  |
| <b>IP Level</b>              | IP00   |
| <b>Interval of Scanning</b>  | 1000mS(min)  |
| <b>Interface</b>             | RS485,half duplex  |
| <b>Baud Rate</b>             | 9600bps,n,8,1  |
| <b>Picture</b>               |    |
| <b>Pin Defination</b>        |  <ul style="list-style-type: none"> <li>1: GND</li> <li>2: RS485-B</li> <li>3: RS485-A</li> <li>4: POWER 5-12V</li> </ul> |