



<b>Product Name</b>	GAO Tek Bluetooth Wireless Beacon Gateway
<b>Product SKU</b>	GAO Tek - BB - 151
<b>Product URL</b>	<a href="https://gaotek.com/product/gaotek-bluetooth-wireless-beacon-gateway/">https://gaotek.com/product/gaotek-bluetooth-wireless-beacon-gateway/</a>



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## Product introduction

Product name: Bluetooth AOA positioning slave base station Product model: FU-BLE-B20P1

Product appearance:



### Function and characteristics of products:

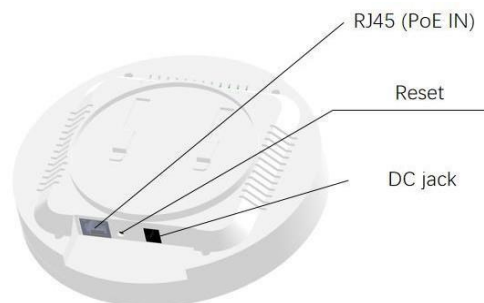
FU-BLE-B20P1 is a device that supports Bluetooth AOA positioning, and it can realize positioning function through the base station. The power supply mode is flexible and diverse, and it can be supplied through DC interface or standard PoE (IEEE802.3af/at). The communication mode is Ethernet communication. The main function of this device is to realize efficient Bluetooth positioning in indoor environment, which can realize not only 0-dimensional positioning, but also 1-dimensional positioning. In addition, its installation is very simple, and its appearance is small and beautiful.

Product specification

Basic parameter	
Model	FU-BLE-B20P1
Colour	White
Material	ABS
power supply mode	Standard PoE (IEEE802.3af/at) or DC12v interface.
Secondary development	Support the upper application development of Web and Android platform.
Installation mode	Support screw fixation
Product size	D=168mm, h=50mm
Product characteristics	
Working frequency band	2.401GHz-2.481GHz
Labor consumption	<2W
Mounting height	10M
Working temperature	-20°C-60°C
Transport protocols	TCP
Function	
APP configuration	support
Firmware upgrade	support

### Interface description

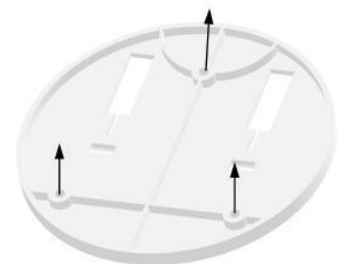
- 1) RJ45 interface: it has PoE IN function, power supply and data transmission interface, and can be connected with standard PoE switch through network cable.
- 2) Reset hole: press and hold the button to restore the default settings for 3s, and the base station will flash green for 3s, indicating that the base station has restored its initial settings and restarted successfully.
- 3) DC power interface: connect DC power to supply power to the base station.



### Installation instructions

\* Before installation, please confirm that the fixed position can bear the weight of 2kg and above.

- 1) As shown in the figure on the right, use KA3.5 screws to firmly install the disk rack on the flatop (in the direction indicated by the arrow).
- 2) Align the mounting rack buckle and push the base station into the mounting rack bayonet. The direction of the network port marked on the rack buckle surface should be the same as that marked on the back of the base station.
- 3) Connect the RJ45 interface (PoE IN) of the base station to the PoE switch through the POE network cable.



**Indicator signal rule**

- 1) After the base station is installed correctly and cascaded with the PoE switch, the base station automatically starts, and the operation of the base station can be judged by the indicator light after starting.
- 2) The signal rules of line-shaped LED indicators are shown in the following table.

Lighting state	Base station status
The green light flashes for 5s.	Press the base station start/reset key for a long time to restart.
Red light flashing	Getting IP address
Slow flashing of green light	Obtaining IP address succeeded.
The green light is always on	Successfully connected to the positioning engine
The red light is always on. After 30s, the base station will automatically reset.	The base station at this level is faulty/disconnected.
Alternate slow flashing of traffic lights	Cascaded lower base station failure
Dengdim	No power connection

**Matters need attention**

- 1) When selecting PoE power supply mode, the positioning base station must use the specified standard PoE power supply equipment (PSE equipment conforming to IEEE802.3af/802.3at protocol) for power supply.
- 2) The temperature range of the working environment of the base station is -20°C~60°C, and the humidity is 0-95%, which is far away from fire sources and electromagnetic interference sources.
- 3) Support the upper application development of the Web and Android platforms.

**Installation list**

Category	Quantity
FU-BLE-A60P2	1
Mounting tray frame	1
Certificate	1



Install screw KA3.5*30 and rubber plug.	(1 screw +1 rubber plug) ×3
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