

Product Name	GAO Tek Positioning and Navigation Bluetooth Beacon
Product SKU	GAOTek-BB-125
Product URL	https://gaotek.com/product/gaotek-positioning-and- navigation-bluetooth-beacon/

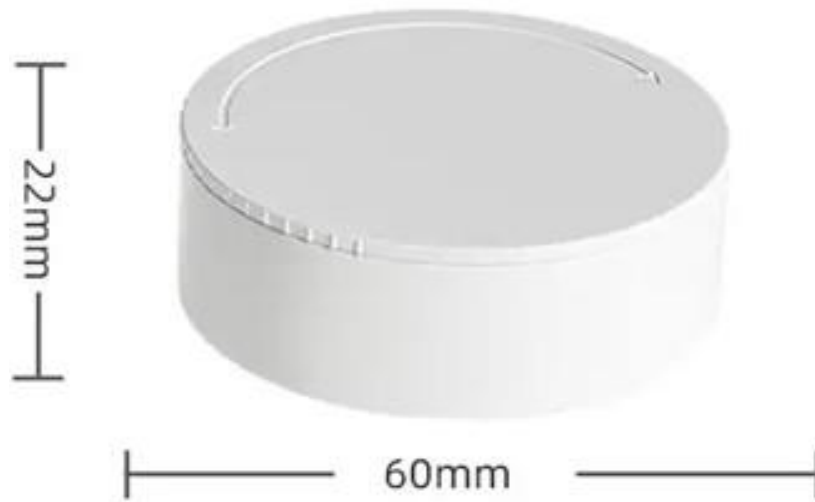


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Introduction:

The is a low energy Bluetooth gateway product. It uses Nordic's latest nRF52 chip and can be installed on walls or ceilings to scan and connect with nearby Bluetooth Low Energy devices. It forwards transmissions from those devices to a target server via Ethernet or Wi-Fi. It is applied in scenarios where beacons, sensors, tags, and other devices need to be quickly onboarded to an IoT cloud.



Specification:

Basic	
Color	White
Materials	ABS
N. W	Approximately 108g

Power Supply	DC 5V-12V
Power Method	USB/POE
Supported Devices	iOS 13+/Android 6.0+ (mobile phone supports Bluetooth 4.0+)
Installation Method	3M Sticker, screw
Dimension	125mm*125mm*36mm
Technology	
Communication Methods	BLE 5.0
Chip	Nordic nRF52 series
RF Range*	approximately 80 meters in open space
Operating Temperature	-20°Cto +60°C
Transmission Methods	Wired: RJ45, Wireless: WiFi
Transmission Protocols	TCP/UDP/MQTT
Function	
Application Setup	Support
Server Setup	Support
Firmware Updates	Support
Filtering Capabilities	Supports filtering by RSSI, broadcast name, MAC address.

Product Introduction:

Based in New York City & Toronto, GAO Tek Inc. is ranked as one of the top 10 global B2B technology suppliers. GAO ships overnight within the U.S. & Canada & provides top-notch support thanks to its 4 decades of experience.

Beacon is an iBeacon product equipped with the latest Nordic nRF52 chipset. It is primarily designed for vehicle detection and navigation, making it suitable for outdoor use. The beacon emits low-power Bluetooth signals at user-defined intervals, enabling features such as indoor navigation and information push. It finds applications in guiding people or vehicles at locations such as train stations, hospitals, and large-scale shopping malls.



Product Specification:

Basic	
Color	Yellow, Orange
Material	ABS+PC
Net Weight	260g
Service Life*	Approximately 6 years (Advertising interval 300ms)
Waterproof Rating*	IPX8
Supported devices	iOS13+/Android6.0+(BLE 4.0 and above)
Installation Method	Installation at ground level, secured with screws or specialized adhesive.
Product Size(D*W*H)	120*110*28mm
Technical Specifications	

Bluetooth protocol	BLE 5.0
RF range*	Transmission distance is approximately 30 meters in open areas when installed at ground level, and approximately 80 meters in line-of-sight transmission.
Operating Temperature	-40°C to +80°C
Battery	Disposable Lithium-ion Battery 4000mAh
Functions	
iBeacon	Support
SDK	Android, iOS
Modification of the Transmission Power, Transmission Interval, UUID, MajorID, MinorID	Support, Configured through a mobile app

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