

# RSBLE-100 Internet Gateway



## Features

- Network connectivity via Ethernet, Wi-Fi and GPRS.
- Built-in GPS (optional)
- Reduced development time provided by powerful embedded software
- Highly versatile and flexible
- Orientation insensitive design resulting in faster and more accurate data transmission
- Easy to use Application Programming Interface (API)
- Customizable transmission rates for demanding applications
- Best-in-class receive sensitivity
- Rugged yet compact and lightweight for effortless usage
- IP31 sealing for dust and water resistance
- Low cost for high volume deployment
- Built-in buzzer, LED
- Driver free setup eliminating integration with any software or hardware
- *Access Point* and *Client* mode support

RSBLE-100 is a BLE Internet Gateway, designed to identify BLE beacons, capture their data, and transmit the data to the user's choice of IoT platform.

RSBLE-100 can connect to any number of BLE beacons within the range and transmit BLE and GPS data to the host. To send the data, it can make use of Wi-Fi as well as GPRS connectivity. It can also connect to the Internet using an Ethernet cable and RJ45 Connector, and send the data via LAN.

RSBLE-100 supports RESTful API for easily connecting to any kind of application, and makes use of flexible PUSH service to transmit the data to any system. The entire system is designed to be plug & play, and provides accuracy and ease of use to the highest degree. The **RSBLE-100 Internet Gateway**, along with Radiant Sensors' BLE beacons, brings the promise of IoT to many industries. Areas of application include Construction, Oil&Gas, Healthcare, Public Transportation, Logistics, Hospitality, Events, Construction, Building Management Automation and many more...



## Technical Datasheet

### Applications

- Construction
- Healthcare
- Retail
- Logistics
- Hospitality
- Events
- And many more...



Radiant Sensors designs, develops and manufactures passive and active RFID hardware products as well as IoT sensor devices for short and long range wireless identification technology.

Our devices are field-proven and have been in operation for many years throughout the world.

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## Specifications

<b>Model No.</b>	RSBLE-100
<b>Product</b>	BLE Internet Gateway
<b>Network Connectivity</b>	802.11 bg Wi-Fi, Ethernet, GPRS
<b>Cloud Connection</b>	Configurable to transmit data to any server, Optimized for ThingHUB Cloud
<b>GPS</b>	Built-in GPS (optional)
<b>Application Interface</b>	Radiant Sensors Web Management User Interface, RESTful API
<b>Input Voltage</b>	12 VDC
<b>Input Current</b>	500 mA @ 12 VDC
<b>Power Connector</b>	5.5 mm Barrel Power Jack
<b>Storage Temperature</b>	-20°C to 80°C
<b>Operating Temperature</b>	-20°C to 60°C (-4°F to 176 °F)
<b>Humidity</b>	Up to 80% relative humidity
<b>Dimensions</b>	Height: 0.98 in (2.5 cm), Width: 4.7 in (12 cm), Length: 4.7 in (12 cm)
<b>Weight</b>	150 Gr.
<b>Material</b>	ABS Plastic
<b>Colour</b>	White
<b>IP Rating</b>	IP31