

BLE Sensor Tag

Accelerates
Time-to-Market



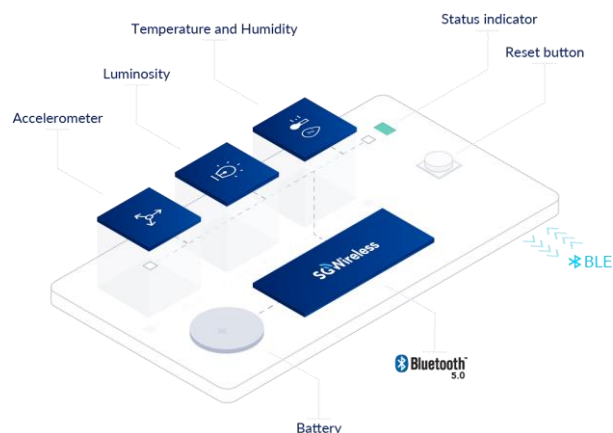
SGW8130 BLE Sensor Tag

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Highly integrated, Ready-to-Use

The SGW8130 sensor tag is a highly integrated Bluetooth Low Energy (BLE) device with different sensor options. It reports temperature, humidity, light intensity and motion data through a wireless Bluetooth 5.0 link. A connected solution for SGW Cellular Gateway and SGW BLE Gateway, the SGW8130 sensor tag is powered by a standard CR2032 cell battery to enable portability.

- SGW1010 BLE module
 - Wireless System-on-Chip: Nordic nRF52840
 - Bluetooth 5.0 Long Range (125kbps)
- Complete RF solution with integrated antenna
- Temperature and Humidity sensor
- Light intensity sensor
- 6-axis Motion Tracking device
- Power Input : CR2032 battery
- Tri-color LED indicators
- Battery life of over 3 years in MSD advertising mode at Tx power 0dBm
- Operating Temperature: 0°C to 60°C
- Mechanical Dimension: 36mm x 36mm x11mm



Benefits

- Ready-to-use, enables fast time-to-market
- Temperature/humidity & light intensity sensing
- Small size
- Low power
- Long battery life
- High portability
- Moving detection

Applications

- Smart devices for connected homes
- Smart city infrastructure
- Smart logistics

Ordering Information

Part No	Description
SGW8130-A	SGW8130 sensor tag – Temperature & Humidity sensor, Light sensor & Motion tracker
SGW8130-B	SGW8130 sensor tag – Temperature & Humidity sensing only

About Us

SG Wireless was launched in 2019 by Hong Kong-based Electronics Manufacturer (EMS) Season Group. SG Wireless is a full stack IoT provider aiming to assist customers in taking their IoT concepts to a finished product.

With our global manufacturing capabilities and the extensive wireless experience of our senior leadership team, we pride ourselves on being the only IoT provider offering design, development, manufacturing and everything in between. For more details: www.sgwireless.com

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