



L02 BLE Location Tag

The L02 BLE location tag can provide reliable real-time location tracking and monitoring of your valuable assets. It uses Bluetooth 5.0 technology to connect and monitor items from up to 150m away. The position tag is IP67 waterproof so it can withstand robust environments.

Installation is easy with versatile mounting options. The rotating housing makes replacing the coin battery (1000mAh) simple. Moreover, the L02 asset tracking tag can integrate temperature, humidity, and barometric sensors for environment monitoring. For durable, maintenance-free asset tracking, the L02 BLE asset tag has you covered.



Eddystone



Product Features

- > nRF52 series chipset and BLE 5.0 technology
- > IP 67 waterproof design
- > Built-in 3-axis accelerometer and hall-effect sensor
- > Available to integrate temperature, humidity, and barometric sensors
- > Rotating housing for easy battery swaps, no need to remove the tag
- > Versatile mounting options for attaching to assets
- > Replaceable CR2477 coin battery 1000mAh, up to 4 years of use
- > Robust wireless connectivity up to 150 m for reliable asset tracking
- > Fully configurable tracking parameters via app (Android & iOS)

Highlights



Real-time asset tracking anywhere

With its long 150m connectivity range and robust BLE 5.0 technology, the L02 asset location tag enables accurate real-time tracking of assets both indoors and outdoors. Always know where your assets are with reliable wireless performance.

Monitor assets in harsh environments

With an IP67 waterproof rating, the L02 BLE location tag can withstand tough conditions. Monitor assets reliably even in damp, dusty or extreme temperature environments. It can also integrate sensors to monitor temperature and humidity and alert on thresholds. Monitor assets anywhere without worry.





Quick and easy battery swaps

Battery swaps are easy with the asset tag's unique rotating housing design. Simply twist open the housing to access the battery – no tools needed! With convenient battery replacement, you can rely on continuous asset tracking.

Applications of L02 BLE Location Tag



Warehouse



Factory



Hospital

General Specs

Connectivity

BLE 5.0

Dimensions

69.9*46.7*18mm (L02)

Color

Gray

Material

PC

IP Rating	IP67
Sensor	Temperature&Humidity sensor Hall effect sensor Accelerometer sensor Barometric pressure sensor
Battery Capacity	1000mAh replaceable battery
Flash memory	2M Bytes
Battery lifespan	8+ years - 5s reporting
Operating temperaure	-20°C to 60°C (Can be extended to -40°C~85°C)
Tramsmission range	Up to 150m (Without any obstacles)
Installation	Sticker Screw Zip Tie
Certification	FCC CE RoHS REACH Bluetooth

Temperature & Humidity sensor

Accuracy tolerance	±0.2°C(condition: 0°C - 60°C) ±1.8% RH(condition: 20% - 80% RH)
Resolution	0.1°C 0.1% RH
Operating temperature	-40°C - 125°C 0 - 100 %RH
History storage	50000 groups

Barometric Pressure Sensor

Pressure measurement range	30kPa - 125kPa
Relative pressure accuracy	±6Pa

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