



Industrial BLE Beacon ID-BLE-L01 (AOA, ER14250, IP68)

Model ID-BLE-L01 · Brand: Identium



A rugged IP68 Bluetooth beacon on a 2400 mAh ER14250 cell, rated 5 years at 0 dBm / 500 ms. It supports Bluetooth AOA for sub-metre positioning and comes in eared, accelerometer and temperature + humidity versions.

KEY FEATURES

- **Bluetooth AOA supported: sub-metre positioning with ID-AOA-GW25 anchors**
- **ER14250 Li-SOCI2 2400 mAh cell, rated 5 years (0 dBm / 500 ms)**
- 100 m range (open space); transmit power -40 to +4 dBm
- IP68 housing, operates from -40 °C to +85 °C
- Versions with mounting ears, accelerometer or temperature + humidity sensor
- iBeacon and Eddystone, configured from the Identium Connect app

APPLICATIONS

Sub-metre asset positioning

Fixed-asset management

Factory equipment tracking

Condition monitoring (L01-T)

Motion monitoring (L01-A)

Indoor navigation points

SPECIFICATIONS

Variants	L01 (standard), L01-E (mounting ears), L01-A (accelerometer), L01-T (temperature + humidity sensor)
Dimensions	Ø 54 × 25 mm
Weight	48.5 g (including battery and 3M adhesive)
Battery	ER14250 Li-SOCI2, 2400 mAh, 3.6 V
Battery life	5 years (0 dBm / 500 ms)
Frequency	2400–2483.5 MHz (licence-exempt 2.4 GHz band)
Broadcast format	iBeacon and Eddystone supported
Transmit power	-40 to +4 dBm (default 0 dBm)
Advertising interval	100 ms – 10 s (default 500 ms)

Range	100 m (open space)
AOA positioning	Supported, with ID-AOA-GW25 anchors
IP rating	IP68
Operating temperature	-40 °C to +85 °C
Mounting	3M adhesive, or screws via the mounting ears (L01-E)
Configuration	Identium Connect mobile app
Compatible with	ID-BGW-02 BLE gateway, ID-AOA-GW25 AOA anchor, smartphone apps (iBeacon / Eddystone)