

**OMTECH**

**PULSON®**

# New Line of Hermetically Sealed Devices

**IP68**

A Fresh Industrial Look

**4G, LTE**



# LE910 EBS – Locate Your Trailer, Plug & Play

## Key Features:

- Compatibility with all types of trailers
- Easy plug-and-play installation via trailer's EBS connector
- Monitoring of parked trailers for up to 5 days
- Non-invasive mounting (magnets or screws)
- Movement and tamper detection
- Weather-resistant – IP68 rated
- Operating temperature: -30°C to +50°C
- Bluetooth Low Energy (BLE)

## Installation:

- Mounts between the trailer's EBS connector and the spiral cable
- Includes male and female EBS system connectors
- Recommended: screw the female connector in place of the original trailer EBS connector. Connect the trailer's spiral cable to the device's male connector and hide both behind the beam.

## Technical Specs:

- Dimensions: 64 x 64 x 46 mm + cables and connectors
- The default setup enables online tracking and position updates every 2 hours for up to 5 days—even when the trailer is parked without power.



Comparative  
Photo



Comparative  
Photo

## LH 230M – Install and Forget

### Key Features:

- Battery capacity up to 40,000 mAh – up to 3 years of operation
- Battery capacity up to 40,000 mAh – up to 3 years of operation
- Operating temperature: -30°C to +85°C
- Tamper sensor detects removal and opening
- Magnetic, non-invasive mounting
- Location tracking via GNSS (GPS, GLONASS) and LBS (BTS)
- Increased reporting frequency upon tamper detection
- Report retries in case of signal loss
- Memory stores up to 30,000 reports
- Configurable number of daily reports and retries

### Technical Specs:

- Dimensions: 140 x 85 x 56 mm
- Designed to deliver top-tier security and precise, reliable location verification

# LE 130 and LE 230 – Attach and Track

## Operating Time:

- Up to 3 months (LE 130)
- Up to 1 year (LE-230)

## Key Features:

- Operating temperature: -30°C to +50°C
- Weather-resistant – IP68 rated
- Location tracking via GNSS (GPS, GLONASS) and LBS (BTS)
- Fast charging via USB-C PD
- Battery capacity: **LE 130 – 5000 mAh**, **LE 230 – 20000 mAh**
- Magnetic mounting
- Memory stores up to 30,000 reports
- Report retries in case of signal loss
- Motion and displacement detection
- Configurable event-triggered reporting
- Dimensions: **90x50x42 140x85x56**

## Use Cases:

- **LE-130** is designed for discreet, short-term asset tracking
- **LE-230** is ideal for long-term, reliable monitoring without recharging



Comparative  
Photo  
LE230

# 7 Configurable Operating Modes

1. Interval mode – GPS and LBS (BTS triangulation) location is reported at set intervals (regardless of movement).
2. Power-saving interval mode – GPS location is acquired cyclically more frequently than it is reported – sent in batches.
3. Online tracking mode – Real-time, accurate route tracking with live reporting.
4. Interval tracking mode – Location is acquired at set intervals, configured separately for movement and stationary states. Reported in real-time.
5. Power-saving interval tracking mode – Location is acquired at set intervals, configured separately for movement and stationary states. Reported in batches.
6. Start-stop mode („where was I left”) – Reports the beginning and end of movement.
7. Guard mode – Detects impacts, tilts, flips, and provides accurate route tracking including speed.
8. BLE HUB mode\* – Monitors up to 30 BLE sensors and transmits their measured parameters (e.g., temperature and humidity).

\*available for the version equipped with the optional BLE module



Comparative  
Photo  
LEI30



## Let's Build Something Together

Your satisfaction is at the heart of everything we do. With years of trusted experience, we deliver top-quality solutions and expert support—every step of the way. Let's connect and tailor a solution that meets your unique needs. We look forward to working with you!

Hardware

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