



# Pallet BLE Beacon ID-BLE-T08 (BLE 5.4, IP68, IK08)

Model ID-BLE-T08 · Brand: Identium



A rugged Bluetooth 5.4 bar tag for pallets and crates, IP68 and IK08 in black ABS. Two replaceable CR2032 cells last up to 40 months, depending on interval, transmit power and temperature. It works from -40 °C to +85 °C, including frozen cold chain.

## KEY FEATURES

- **Slim 116 × 25.1 × 9.1 mm bar tag, about 25 g, with dual mounting ears**
- **IP68 waterproof and dustproof, IK08 shock-rated ABS housing**
- Two replaceable CR2032 cells (440 mAh): up to 40 months, by interval and Tx power
- BLE 5.4, iBeacon or Eddystone format, 100 m range (open space)
- Operates from -40 °C to +85 °C, for refrigerated and frozen logistics
- Accidental-shutdown protection, OTA firmware updates, SDK available

## APPLICATIONS

Pallet tracking

Crate tracking

Cold-chain logistics

Warehouse inventory

Machinery identification

Outdoor asset tracking

## SPECIFICATIONS

|                  |                                                                                           |
|------------------|-------------------------------------------------------------------------------------------|
| Dimensions       | 116 × 25.1 × 9.1 mm (mounting-hole pitch 102.55 mm)                                       |
| Weight           | About 25 g (with 3M adhesive and screws)                                                  |
| Material         | ABS                                                                                       |
| Colour           | Black                                                                                     |
| Battery          | 2 × CR2032 lithium-manganese coin cells, 440 mAh, 3.0 V (replaceable)                     |
| Battery life     | Up to 40 months (depends on advertising interval, transmit power and ambient temperature) |
| Bluetooth        | BLE 5.4                                                                                   |
| Broadcast format | iBeacon or Eddystone (customisable)                                                       |

|                       |                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------|
| Frequency             | 2400–2483.5 MHz (licence-exempt 2.4 GHz band)                                                           |
| Transmit power        | -19.5 to +2.5 dBm (default 0 dBm)                                                                       |
| Range                 | 100 m (open space)                                                                                      |
| AOA positioning       | Not supported (RSSI tracking)                                                                           |
| IP rating             | IP68                                                                                                    |
| Shock rating          | IK08                                                                                                    |
| Operating temperature | -40 °C to +85 °C                                                                                        |
| Mounting              | Screws through the dual mounting ears and/or the 3M adhesive base                                       |
| Protection            | Accidental-shutdown protection                                                                          |
| Firmware              | OTA update supported (connectable firmware type)                                                        |
| Configuration         | Identium Connect Android app (UUID, Major, Minor, device name, interval, transmit power); SDK available |
| Compatible with       | ID-BGW-02 BLE gateway, smartphone apps (iBeacon / Eddystone)                                            |