



Round BLE Beacon ID-BLE-T03 (CR2477, IP68)

Model ID-BLE-T03 · Brand: Identium



A general-purpose round Bluetooth beacon (Ø 48 × 17 mm, IP68) on a replaceable CR2477 cell rated 2.5 years at 0 dBm / 500 ms. Built for asset tracking, indoor navigation, attendance and proximity engagement; fixes with 3M tape or screws.

KEY FEATURES

- **BLE 4.2 / 5.0, iBeacon or Eddystone, up to 100 m (open sight, 4 dBm)**
- **Replaceable CR2477 1000 mAh cell: 2.5 years at 0 dBm / 500 ms, 25 °C**
- IP68 white ABS housing, 26 g, operates from -40 °C to +85 °C
- T03 sticks on with 3M adhesive; T03-E has ears for screws
- Connectable firmware with OTA updates, or broadcast-only firmware
- Configured from the Identium beacon configuration app (Android)

APPLICATIONS

Asset tracking

Indoor navigation

Attendance check-in

Proximity marketing

Returnable transit items

Fleet and yard logistics

Smart factory workflows

SPECIFICATIONS

Variants	T03 (round, 3M adhesive), T03-E (with ears, screw mount)
Dimensions	Ø 48 × 17 mm (body Ø 47.7 × 14.45 mm; 17 mm with adhesive)
Weight	26 g (including battery and 3M adhesive)
Material	ABS
Colour	White (default)
Antenna	PCB antenna
Battery	CR2477 lithium coin cell, 1000 mAh, 3 V (replaceable)
Battery life	2.5 years (0 dBm / 500 ms, 25 °C)
Average current	29 µA (0 dBm / 500 ms)
Bluetooth	BLE 4.2 / 5.0

Broadcast format	iBeacon or Eddystone
Broadcast data	UUID, Major, Minor, battery level, Bluetooth name, MAC address
Frequency	2400–2483.5 MHz (licence-exempt 2.4 GHz band)
Transmit power	-20 to +4 dBm (default 0 dBm)
Advertising interval	100 ms – 10 s (default 500 ms)
Receive sensitivity	-96 dBm
RSSI at 1 m	-61 dBm (default setting)
Range	100 m (open sight line, 4 dBm)
AOA positioning	Not supported (RSSI tracking)
IP rating	IP68
Operating temperature	-40 °C to +85 °C
Storage temperature	-40 °C to +85 °C
Humidity	10–90 % operating, 5–90 % storage (non-condensing)
Mounting	3M adhesive (T03) or screws (T03-E)
Firmware	Connectable (default; settings changes and OTA updates) or non-connectable (broadcast-only)
Configuration	Identium beacon configuration app (Android)
Compatible with	ID-BGW-02 BLE gateway, smartphone apps (iBeacon / Eddystone)