



BLE Asset Tag Beacon ID-BLE-T01 (CR2032, BLE 5.4)

Model ID-BLE-T01 · Brand: Identium



A slim BLE 5.4 asset tag, 25 × 44 mm and under 6 mm thick, on a replaceable CR2032 cell. It broadcasts iBeacon and Eddystone up to 70 m in open space for gateway or phone-based tracking of equipment, returnable items and patrol points.

KEY FEATURES

- **BLE 5.4 beacon: iBeacon, Eddystone (UID / URL / EID / TLM) or custom data**
- **Up to 70 m in open space at 0 dBm; TX power –30 to +4 dBm**
- Replaceable CR2032 (225 mAh), rated 3 years at 0 dBm / 10 s
- 25 × 44 mm, under 6 mm thick, black ABS, fixed with 3M double-sided adhesive
- Standard T01, anti-tamper T01-K, or anti-tamper + accelerometer T01-KA
- Configured from the Identium Connect app (connectable when interval < 1 s)

APPLICATIONS

IT equipment tracking

Instrument tracking

Returnable item tracking

Staff attendance check-in

Guard tour checkpoints

Mall and exhibition wayfinding

Proximity marketing

SPECIFICATIONS

Variants	ID-BLE-T01 standard iBeacon tag (no hole on the back), ID-BLE-T01-K anti-tamper, ID-BLE-T01-KA anti-tamper + accelerometer
Protocol	Bluetooth Low Energy 5.4; iBeacon, Eddystone (UID / URL / EID / TLM) and custom data
Frequency	2400–2483.5 MHz (licence-exempt 2.4 GHz band)
Operating mode	Broadcasting
Transmit power	–30 to +4 dBm (default 0 dBm)
Broadcast interval	100 ms – 10 s (default 3 s)
Read range	Up to 70 m in open space (0 dBm)
Positioning	RSSI (zone level) with ID-BGW-02 gateways; not an AOA tag

Connection	Password-protected connection when the broadcast interval is below 1 s; non-connectable mode; anti-malicious-connection function
Configuration	Identium Connect mobile app (app connection when the broadcast interval is below 1 s) or OTA tools
Compatible with	ID-BGW-02 BLE gateway; iOS 7.0+ and Android 4.3+ phones
Battery	CR2032 coin cell, 225 mAh, replaceable; DC 3 V
Battery life	Up to 3 years (0 dBm / 10 s)
Current	Quiescent $\leq 3 \mu\text{A}$; peak 7 mA; average $< 7 \mu\text{A}$ (0 dBm / 3 s), $< 3 \mu\text{A}$ (0 dBm / 10 s)
Dimensions	25 × 44 mm, under 6 mm thick including the 3M adhesive
Material	ABS
Colour	Black
Mounting	3M double-sided adhesive
Water resistance	Life-waterproof (no IP rating specified)
Operating temperature	−20 °C to +70 °C
Storage temperature	−20 °C to +70 °C
Humidity	10–90 % operating, 5–90 % storage (non-condensing)
Packaging	36 per inner box (370 × 268 × 33 mm, 280 g); 432 per carton (382 × 280 × 360 mm, 3.8 kg)