



Compact BLE Beacon ID-BLE-B22 (AOA, CR2477, IP68)

Model ID-BLE-B22 · Brand: Identium



A compact Ø 48 × 17 mm IP68 Bluetooth beacon with AOA support, powered by a replaceable CR2477 coin cell rated up to 5 years at 0 dBm / 500 ms. Use it for RSSI zone tracking now and sub-metre AOA positioning later.

KEY FEATURES

- **Bluetooth AOA supported: sub-metre positioning with ID-AOA-GW25 anchors**
- **Replaceable CR2477 1000 mAh cell, up to 5 years (0 dBm / 500 ms)**
- Compact Ø 48 × 17 mm round housing, IP68
- 100 m range (open space); operates from -40 °C to +85 °C
- Versions with mounting ears (B22-E) or accelerometer (B22-A)
- iBeacon and Eddystone, configured from the Identium Connect app

APPLICATIONS

- Sub-metre asset positioning
- Hospital equipment tracking
- Instrument and tool tracking
- Fixed-asset management
- Indoor navigation
- Smart factory workflows

SPECIFICATIONS

Variants	B22 (standard), B22-E (mounting ears), B22-A (accelerometer)
Dimensions	Ø 48 × 17 mm
Battery	CR2477 coin cell, 1000 mAh, 3 V (replaceable)
Battery life	Up to 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	-30 to +4 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	Screw fixing via mounting ears on the B22-E
Configuration	Identium Connect mobile app
Compatible with	ID-BGW-02 BLE gateway, ID-AOA-GW25 AOA anchor, smartphone apps (iBeacon / Eddystone)