



BLE SOS Button Beacon ID-BLE-B50 (Wearable Fob)

Model ID-BLE-B50 · Brand: Identium



A small wearable Bluetooth beacon fob in two versions: the B50-SOS with a red SOS button, so your software can act on a call for help picked up by ID-BGW-02 gateways, and the B50 with an on/off function button.

KEY FEATURES

- **B50-SOS with a red SOS button; B50 with an on/off function button**
- **Small wearable fob: 59.3 × 34.3 × 12 mm and 10 g**
- Rechargeable 220 mAh Li-Po; 3 years standby at 0 dBm / 10 s
- Up to 70 m in open space; iBeacon and Eddystone
- Transmit power -40 to +4 dBm; interval 100 ms – 10 s (default 3 s)
- Picked up by ID-BGW-02 gateways for zone location; BLE phone apps can see it

APPLICATIONS

Staff duress alerts

Lone workers on covered sites

Elderly care call button

Hospital staff safety

Security guard patrols

SPECIFICATIONS

Variants	B50-SOS (red SOS button); B50 (on/off function button)
Type	Wearable BLE beacon fob with button
Positioning	RSSI (zone level) with ID-BGW-02 gateways; AOA not supported
Protocol	Bluetooth Low Energy; iBeacon and Eddystone
Frequency	2400–2483.5 MHz (licence-exempt 2.4 GHz band)
Transmit power	-40 to +4 dBm
Broadcast interval	100 ms – 10 s (default 3 s)
Read range	Up to 70 m (open space)
Battery	Li-Po 220 mAh, rechargeable, 3.7 V
Battery life	3 years standby (0 dBm / 10 s)
Dimensions	59.3 × 34.3 × 12 mm
Weight	10 g
Operating temperature	-20 °C to +70 °C
Configuration	Identium Connect mobile app
Compatible with	ID-BGW-02 BLE gateway; BLE phone apps