



BLE Road Stud Beacon ID-BLE-R09 (IP67, ER14250 Battery)

Model ID-BLE-R09 · Brand: Identium



A Bluetooth Low Energy beacon in a yellow road-stud housing, fixed to the road surface with AB glue or screws. It serves as a fixed smart-traffic marker, broadcasting up to 100 m in open space.

KEY FEATURES

- Road-stud form in a yellow PC housing, 100 × 100 × 21 mm, 128 g
- ER14250 Li-SOCI2 cell (2400 mAh, 3.6 V): 5 years at 0 dBm / 500 ms
- IP67, operating from -40 °C to +85 °C
- Fixed with AB glue or screws
- 100 m range in open space; iBeacon and Eddystone formats
- Transmit power -40 to +4 dBm, set in the Identium Connect app

APPLICATIONS

Smart-traffic road marking

Fixed location reference points

Parking-structure markers

SPECIFICATIONS

Type	BLE road stud beacon (smart-traffic marker)
Frequency	2.4 GHz (2400–2483.5 MHz), licence-exempt
Protocol	Bluetooth Low Energy; iBeacon and Eddystone formats
Range	100 m (open space)
Transmit power	-40 to +4 dBm
Broadcast interval	Default 500 ms
AOA positioning	Not supported (RSSI proximity)
Battery	ER14250 Li-SOCI2, 2400 mAh, 3.6 V
Battery life	5 years (0 dBm / 500 ms)
Dimensions	100 × 100 × 21 mm
Weight	128 g

Material	PC (polycarbonate) housing
Colour	Yellow
IP rating	IP67
Operating temperature	-40 °C to +85 °C
Mounting	AB glue or screws
Configuration	Identium Connect mobile app