

AA BEACON

BC313



5 year battery life



Custom branding



Flexible mounting options



AES 128 Encryption



Over-the-air (OTA) Updates



Water & dust resistant

TECH SPECS

Construction

Construction	ABS Plastic Housing
Form Factor	Standalone Beacon
Dimensions	Ø76mm x 27.80mm
Weight	50.5 (without batteries)
Battery Life	2x AA
Operating Temperature	-18°C to +55°C

Features

OTA Firmware Updates	✓
Encrypted Firmware Updates	✓
Encrypted Settings Updates	✓
Replaceable Batteries	✓
Waterproof Housing Option	✓
Custom Housing Option	✓
Protocol Options	
iBeacon	✓
Secure Ad Id	✓
Eddystone	✓
Eddystone EID	✓
Eddystone GATT	✓
Mixed Protocol Advertising	✓

Radio

Bluetooth Specification	Bluetooth 4.0+
Frequency	2.402GHz to 2.480GHz
Transmit Power	0 dBm to -23 dBm
Receiver Sensitivity	-93dBm
Antenna	PCB

Range

Proximity Detection, Line of Sight	up to 400m
Normal Operation	100m

Product Compliance

Certifications	Bluetooth
	FCC
	FCC Part 15 Modular
	CE
	IC
	RCM
	Japan (MIC)
	South Korea (KC)
	Brazil (ANATEL)