Data Sheet Smart Beacon Box 10800 MKII

Features

- Long Lifetime thanks to four Industrial Alkaline Batteries
- Easy assembly by screwing or gluing
- Bluetooth Low Energy® 5.2
- Eddystone & iBeacon compatible
- Management and setting of all parameters via blukii Manager and blukii Configurator App
- Individual pre-configuration possible (MOQ: 20 pieces)
- Energy saving function and Updateability

Advertising

Beacon protocols	iBeacon, Eddystone (TLM, UID, URL) Default: iBeacon, Eddystone UID
Advertising interval	0,1s to 10s (adjustable) Default: 0,3s

Radio

Standard	Bluetooth 5.2 (Bluetooth Low Energy)
Controller	Texas Instruments CC2642R
Range	Up to 100m
Frequency range	2.402 to 2.480GHz
TX-Power (adjustable)	High(5dBm) / Medium(0dBm) / Low(-9dBm) / Lowest(-20dBm)
Antenna	Customized OnBoard SMD-Antenna

Battery

Type	Lithium Thionyl Chloride
Model	4x EVE ER14505 3,6V/2700mAh
Capacity	10800mAh
Replaceable	No
Lifetime at Advertising interval 0,3s (TX-Power: +5dBm)	10 years
Lifetime at Advertising interval 1s (TX-Power: +5dBm)	10 years (chemical lifetime 10 years)

Mechanical specifications

Enclosure material	ABS
Colour	white
Protection Class	IP62
Flammability rating	UL94HB
Dimensions	140x71x26mm
Weight	145g

Environmental requirements

Operating temperature	-40°C to +85°C

Certifications

CE (2014/53/EU, 2011/65/EU)