

Data Sheet Smart Beacon Box 5200 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	Alkaline
Model	4x Panasonic LR6AD Powerline 1,5V/2600mAh
Capacity	5200mAh
Replaceable	No
Lifetime at Advertising interval 0,3s (TX-Power: +5dBm)	4,2 years
Lifetime at Advertising interval 1s (TX-Power: +5dBm)	5 years (chemical lifetime 5 years)

Mechanical specifications

Enclosure material	ABS
Colour	white
Protection Class	IP62
Flammability rating	UL94HB
Dimensions	140x71x26mm
Weight	165g

Environmental requirements

Operating temperature	-20°C to +45°C
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Certifications

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