

Data Sheet Smart Beacon Coin 250 MKII

Features

- Long range with a compact design
- Bluetooth Low Energy® 5.2
- Eddystone & iBeacon compatible
- Management and settings via blukii Manager and blukii Configurator App
- Individual pre-configuration possible (MOQ: 20 pieces)
- Updateability



Advertising

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

Radio

Standard	Bluetooth 5.2 (Bluetooth Low Energy)
Controller	Texas Instruments CC2642R
Range	Up to 100m
Frequency range	2.402 bis 2.480GHz
TX-Power (adjustable)	High(5dBm) / Medium(0dBm) / Low(-10dBm) / Lowest(-20dBm)
Antenna	PCB-antenna

Battery

Type	Lithium-manganese-dioxide
Model	Panasonic CR2032 3V/225mAh
Capacity	225mAh
Replaceable	Ja
Lifetime at Advertising interval 0,3s (TX-Power: +5dBm)	0,14 years
Lifetime at Advertising interval 1s (TX-Power: +5dBm)	0,5 Jahre

Mechanical specifications

Enclosure material	Durabio (BIO BASE POLYMER), seal: TPE
Colour	white
Protection Class	IP64
Dimensions	38.8x9.5mm
Weight	8g

Environmental requirements

Operating temperature	-20°C to +60°C (Lifetime drops sharply under 0°C)
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Certifications

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