

Data Sheet Smart Beacon Go 500 MKII

Features

- Long range with a compact design
- Can be combined with accessories such as blukii Key-Fob or blukii Drop
- Optional also available in waterproof enclosure
- Pushbutton
- LED to indicate status changes
- 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)
- Connection-based streaming of live sensor data
- Recording sensor data on the internal memory
- Connection-oriented transmission of the sensor data stored on the beacon
- Energy saving function and 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	Customized OnBoard SMD-Antenne

Battery

Type	Lithium-manganese-dioxide
Model	Panasonic CR3032 3V/500mAh
Capacity	500mAh
Replaceable	Ja
Lifetime at Advertising interval 0,3s (TX-Power: +5dBm)	0,3 years
Lifetime at Advertising interval 1s (TX-Power: +5dBm)	1,1 Jahre

Mechanical specifications

Enclosure material	Copolyester
Colour	white
Protection Class	IP62
Flammability rating	UL94HB
Dimensions	32x9mm
Weight	15g

Environmental requirements

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

Certifications

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

