

## Data Sheet Smart Beacon Wear 500

### Features

- Wearable Beacon with tough silicone strap
- Pushbutton
- Optionally with NFC Tag
- Bluetooth Low Energy® 4.2
- Eddystone & iBeacon compatible
- Management and setting of all parameters via blukii Manager and blukii Configurator App
- Individual pre-configuration possible (MOQ: 20 pieces)



### Advertising

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

### Radio

Standard	Bluetooth 4.2 (Bluetooth Low Energy)
Controller	Texas Instruments CC2640
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-manganese-dioxide
Model	Panasonic CR3032 3V/500mAh
Capacity	500mAh
Replaceable	No
Lifetime at Advertising interval 0,3s (TX-Power: +5dBm)	0,3 years
Lifetime at Advertising interval 1s (TX-Power: +5dBm)	1,1 years

### Mechanical specifications

Enclosure material	Copolyester
Colour	white
Protection Class	IP62
Flammability rating	UL94HB
Dimensions	50x38x15mm
Weight	30g

### 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)
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