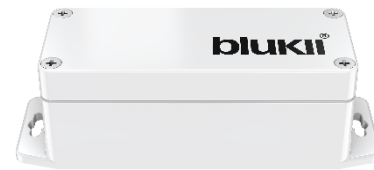


Data Sheet Smart Beacon Outdoor Extreme 4000 MKII

Features

- Outdoor use according protection class IP65
- High protection against mechanical shock by encapsulated electronics
- Temperature resistant 4000mAh Lithium Thionyl Chloride Battery
- Easy assembly by screwing
- 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
BLE Mode	Peripheral

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	1x EVE ER 18505 3,6V/4000mAh
Capacity	4000
Replaceable	No
Lifetime at Advertising interval 0,3s (TX-Power: +5dBm)	3,8 years
Lifetime at Advertising interval 1s (TX-Power: +5dBm)	10 years (chemical lifetime 10 years)

Mechanical specifications

Enclosure material	Polycarbonate
Colour	White
Protection Class	IP65
Flammability rating	UL94HB
Dimensions	90x35x35mm
Weight	125g

Environmental requirements

Operating temperature	-40°C to +85°C
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Certifications

CE (2014/53/EU, 2011/65/EU)
FCC/IC: 2BBC6-BOE402/30643-BOE402