

Safactory AA-Beacon



Datasheet	
PROZESSOR	
Chipset	ARM-based CC2640R2F by Texas Instruments
Memory	275 kB flash, 28 kB RAM
CONNECTIONS	
Bluetooth / Frequency / Power	Low Energy Technology / 2,4 GHz / -21 dBm / +5 dBm (adjustable in 13 steps)
Integration	via BLE gateway, optional via Android & iOS SDK
FUNCTIONS	
Protocol	iBeacon, safactory asset tag position
Dataset	iBeacon (major, minor, UUID), scanned location beacons (IPS/RTLS), battery status
Buzzer	for audio alarm
Acceleration sensor	for smart activation and other functions (IPS/RTLS)
Configurations	standard tag, standard beacon, monitored beacon, individual
CASING	
Material / Color	Lupoy / weiß
Mounting	Central screw, backside mounting holes, adhesive tape
Protection / Size / Weight	IP 65, UL 94 V-0, flame resistant, CE-admission 116 x 116 x 24 mm / 4.57 x 4.57 x 0.94 inch / approx. 220 g
ENVIRONMENTAL	
Temperature / Humidity	-30 ° C up to +60 ° C / from 0 % up to 100 %
ADMISSION	
CE Admission	https://safactory.com/aa-ce-admission

BATTERY AND POWER ^{1/2}	AA-Beacon 3000 mAh	AA-Beacon 6000 mAh	AA-Beacon 9000 mAh
Standard-tag-mode: battery runtime (incl. 20 % safety) in months at 250 events per day	54,6 months	109,3 months	163,9 months
Standard-beacon-config: battery runtime (incl. 20 % safety) in months at an interval of 500 ms	53,3 months	106,6 months	159,9 months
Monitored-beacon-config: Battery runtime (incl. 20 % safety) in months, without tamper activation, at 500 ms, 6 h heartbeat	52,9 months	105,8 months	158,7 months

¹ Calculated battery life when using “Energyzer UltimateLithium AA-L91” under conditions according to the manufacturer’s data sheet.

² For maintenance, “Energyzer UltimateLithium AA-L91” batteries must be used to maintain the product specifications.