safectory

LYNMOUTH BEEP
Beacon /
Asset Tag
(IPS/RTLS)

PROCESSOR

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 to +5 dBm (adjustable in 13 steps)
Integration	via Controller optional per Android & iOS SDK

FUNCTIONS

Protocol	iBeacon, safectory 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, Accellerated, Optimized, Individual

BATTERY AND POWER

Type / nominal voltage / capacity	CR 2477 Lithium-Mangan button cell / 3 V / 1000 mAh
Typical lifetime	typ. 2.5 Mon. (500 ms iBeacon), to 8 Yrs. (2000 ms iBeacon), to 8 Yrs. (IPS/RTLS) as asset tag

CASING

Material / Color	ABS / anthracite and white
Mounting	Mountingplate for screws, cable ties, magnet and adhesive tape
Protection / size / weight	IP 65, UL 94 V-0, flame resistant, CE-admission / 43 × 43 × 19 mm / 20 g

ENVIRONMENT

Temperature / humidity	−30 ° C to +60 ° C / from 0 % up to 100 %