



CAMPANELLA

Asset tag

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, safactory asset tag position

Dataset iBeacon (Major-, Minor-, UUID), scanned location beacons (IPS/RTLS), battery status

Button for manual activation and other functions

Acceleration sensor for smart activation and other functions (IPS / RTLS)

Configurations Standard, Accelerated, Optimized, Individual

BATTERY AND POWER

Type / nominal voltage / capacity CR 2032 Lithium-Mangan button cell / 3 V / 220 mAh

Typical lifetime typ. 7 Mon. (500 ms iBeacon), to 2 Yrs. (2000 ms iBeacon), to 2 Yrs. (IPS/RTLS) as asset tag

CASING

Material / Color PE-LD, PE-LLD / translucent

Mounting wristband; holders on poles on surfaces and much more

Protection / size / weight IP 68 / 32 × 8,5 mm / 11 g

ENVIRONMENTAL

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