

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 / +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 optimized approx. 1 – 2 years

typ. 7 months (500 ms iBeacon)

up to **2 years (2000 ms iBeacon)**

up to **2 years** IPS/RTLS as asset tag

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CASING

Material / Colors

PE-LD / PE-LLD / translucent

Mounting

wristbands; holders on poles on surfaces and much more

Protection / Size / Weight

IP 68 / CE-admission / 32 × 8,5 mm / 11 g /

ENVIRONMENTAL

Temperature / Humidity

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